



**PLANNING COMMISSION AGENDA
CITY OF SANTA MARIA
REGULAR MEETING**

Wednesday, October 16, 2024, 5:30 p.m.

City Hall Council Chambers

110 East Cook Street

Santa Maria

This regular meeting of the Planning Commission is open to the public to participate in the proceedings. It will also be accessible via Zoom and broadcast live on the City's website via its YouTube channel and on Comcast Cable Channel 23.

How to observe the meeting:

Members of the public may observe and participate in this meeting in person, or through an online Zoom meeting link. To participate through Zoom, please register in advance to make public comments during the meeting at this link: [Webinar Registration - Zoom](#).

After registering, you will receive a confirmation email containing information to join the meeting.

To observe the live stream of the meeting, go to the City's YouTube page the night of the meeting (<https://www.youtube.com/channel/UCAmcDZPVzV6jUnVlof3F7dw>) and click the three lines in the upper left corner next to YouTube to get a dropdown box. Then select *LIVE*.

How to submit public comment:

If you wish to address the Planning Commission, you may submit comments via email to the Planning Division Manager, Dana Eady, at deady@cityofsantamaria.org, or by phone 805-925-0951 ext. 2444. Your comments will be provided to the Commissioners, and summarized into the record at the meeting. Each item on the agenda will have a public comment period, as well as a general comment period at the beginning of the meeting for other items not listed on the agenda. Comments on the agenda item must be submitted prior to the time the Chair closes public comments on the agenda item. If you wish to provide public comment during the meeting on Zoom, please use the "raise hand" feature and the host will ask public members with their hands raised to unmute their microphones to speak one at a time in the order received. *The Chat feature will not be available.* If you are using a phone to dial into the meeting, please use *9 in order to raise your hand.

Zoom will no longer be provided effective November 1, 2024.

Exception: Members of the public will be allowed to provide public comment through Zoom if a Planning Commissioner is participating remotely pursuant to the provisions of Assembly Bill 2449.

American Disability Act Accommodations:

Any member of the public who needs accommodations should email the City Clerk's Office at cityclerk@cityofsantamaria.org or by calling 805-925-0951 x2306. The City Clerk's Office will use their best efforts to provide reasonable accommodations by request at least 48 hours ahead of the meeting.

1. **PLEDGE OF ALLEGIANCE**

2. **CALL TO ORDER/ROLL CALL**

Commissioners Esau Blanco, Robert Dickerson, Tom Lopez, Yasameen Mohajer, and Commission Chair Tim Seifert.

3. **APPROVAL OF MINUTES**

RECOMMENDATION:

Approve the minutes of the Planning Commission for the meeting of October 2, 2024.

4. **PUBLIC COMMENT PERIOD**

Each member of the audience may address the Commission on any subject within the Commission's business that is not on the agenda. Each member of the audience is limited to discussion of three minutes or as otherwise directed by the Commission Chair.

5. **PUBLIC HEARINGS**

ORDER OF PROCEEDINGS FOR PUBLIC HEARING ITEMS:

Staff presentation.

Disclose any Commissioner communications.

Applicant presentation.

Questions from the Commission.

Open meeting to the public:

Written communications

Public comment

Any rebuttals to be heard

Questions of the public or applicant the from Commission.

Public hearing to be closed.

Discussion and decision on the item.

5.a **SANTA MARIA AIRPORT DISTRICT GENERAL PLAN LAND USE MAP AMENDMENT
AND ZONE CHANGE
Property Location: 1494 Fairway Drive**

Review of a General Plan Land Use Map Amendment and Zone Change (GPZ2023-0001) for RRM on behalf of the Santa Maria Public Airport District to change the land use designation on a 6.95-acre site FROM A-AS (Airport -Airport Service) and the zone district of OS (Open Space) TO LI (Light Industrial) land use designation and PD/M-1 (Planned Development/Light Manufacturing) zone district.

Environmental: Environmental Review for this project was completed through the preparation of an Initial Study/Mitigated Negative Declaration (SCH #2024070374) pursuant to the California Environmental Quality Act State Guidelines.

Planner Contact: Cody Graybehl, 805-925-0951 ext. 2552;

<mailto:cgraybehl@cityofsantamaria.org>

RECOMMENDATION:

Take the following actions:

1. By resolution, recommend that the City Council adopt a resolution to adopt a Mitigated Negative Declaration and Mitigation Monitoring Program prepared for the project; and
2. By resolution, recommend that the City Council approve the General Plan Land Use Map Amendment and Zone Change, GPZ2023-0001.

5.b **DDS PARTNERSHIP TENTATIVE PARCEL MAP TRACT 6039**
Property Location: 1301 and 1313 East Main Street

Review of a Tentative Parcel Map (TR2023-0003) for DDS Partnership to subdivide a 5.8-acre parcel into two parcels of 0.37-acres and 5.35-acres in a PD/C-2 (Planned Development/ General Commercial) district.

Environmental: This Tentative Parcel Map qualifies for a Class 15 categorical exemption based on Section 15315 (Minor Land Divisions). No further environmental review is required.

Planner Contact: Carol Ziesenhenne, 805-925-0951 ext. 1607;

<mailto:cziesenhenne@cityofsantamaria.org>

RECOMMENDATION:

By resolution, conditionally approve Tentative Parcel Map No. 6039 (TR2023-0003).

6. **OTHER BUSINESS**
Oral Reports from the Planning Commission and staff.
7. **ADJOURNMENT**
Next Study Session: October 17, 2024
Next Public Hearing: November 6, 2024

**8. ANNOUNCEMENTS
DISCLOSURE:**

This agenda is prepared and posted pursuant to the requirements of Government Code Section 54954.2. By listing a topic on this agenda, the Planning Commission has expressed its intent to discuss and act on each item. In addition to any action identified in the brief general description of each item, the action that may be taken shall include: a referral to staff with specific requests for information; continuance; specific direction to staff concerning the policy or mission of the item; discontinuance of consideration; adoption, approval or disapproval or recommendation thereof. If you challenge a determination made on a matter on this agenda in court, you may be limited to raising only those issues you or someone else raised at the public hearing described on this agenda, or in written correspondence to the Planning Commission at, or prior to, the public hearing. Materials related to an item on this agenda submitted after posting the agenda online will be available for public inspection during normal business hours in the Community Development Department Office, 110 South Pine Street, Room 101, Santa Maria or by calling the Community Development Department at 805-925-0951 ext. 2244.

REASONABLE ACCOMMODATION:

To receive reasonable accommodation under the Americans with Disabilities Act during the meeting, please notify the Community Development Department of what you need *during business hours* at least 48 hours in advance of the meeting. The Community Development Department office is at 110 South Pine Street, Santa Maria; 805-925-0951, ext. 2244. The City will give primary consideration to your request in providing assistance. Examples of assistance may include exhibits in large-sized format, use of assisted listening equipment, use of the California Relay Service, texting by cellular phone, or the services of a live interpreter. Assisted listening equipment can also be used for interpretation by Spanish-only speaking persons. To allow the City to coordinate and request a Spanish interpreter from the volunteer corps, contact the Office of the City Clerk at (805) 925-0951 x2307 by 1:00 p.m. on Monday before the meeting. Equipo también puede ser utilizado para la asistencia de interpretación para esas personas que solamente hablan español. Para permitirle a la Ciudad que coordine y solicite un interprete de un grupo de voluntarios, llame al (805) 925-0951 extensión 2307 a la 1:00 de la tarde el lunes antes de la junta.

PLANNING COMMISSION MEETING MINUTES
CITY OF SANTA MARIA, CALIFORNIA

October 2, 2024, 5:30 p.m.
City Hall Council Chambers
110 East Cook Street
Santa Maria

Members Present: Commissioner Esau Blanco, Commissioner Robert Dickerson, Commissioner Tom Lopez, Commissioner Yasameen Mohajer, Commission Chair Tim Seifert

Staff Present: Planning Division Manager Dana Eady, Assistant City Attorney Jeffrey Patrick, Principal Planner Frank Albro, Principal Civil Engineer Mark Mueller, Senior Civil Engineer Luis Magallon, Recording Secretary Tracy Rosas

1. PLEDGE OF ALLEGIANCE

Commissioner Lopez lead the Pledge of Allegiance.

2. CALL TO ORDER/ROLL CALL

Commissioners Esau Blanco, Robert Dickerson, Tom Lopez, Yasameen Mohajer, and Commission Chair Tim Seifert.

Chair Seifert called the meeting to order at 6:30 p.m.

3. APPROVAL OF MINUTES

Moved by: Commissioner Robert Dickerson

Seconded by: Commissioner Esau Blanco

Approve the minutes of the Planning Commission for the meeting of September 18, 2024.

Motion carried unanimously

4. PUBLIC COMMENT PERIOD

Each member of the audience may address the Commission on any subject within the Commission's business that is not on the agenda. Each member of the audience is limited to discussion of three minutes or as otherwise directed by the Commission Chair.

There were no requests to speak.

5. PUBLIC HEARINGS

ORDER OF PROCEEDINGS FOR PUBLIC HEARING ITEMS:

Staff presentation.

Disclose any Commissioner communications.

Applicant presentation.

Questions from the Commission.

Open meeting to the public:

Written communications

Public comment

Any rebuttals to be heard

Questions of the public or applicant the from Commission.

Public hearing to be closed.

Discussion and decision on the item.

Commissioner Lopez recused himself citing a conflict of interest.

5.a RICHARDS RANCH ANNEXATION, PRE-ZONING

Property Location: Southeast and Northeast Corners of the intersection of Highway 135 and Union Valley Parkway

Review of Annexation (AN2021-0001), General Plan Amendment, and Pre-Zoning (GPZ2024-0001) applications for MD3 Investments to: 1) annex approximately 44 acres located within the unincorporated area of Santa Barbara County into the City of Santa Maria City limits, and 2) amend the General Plan Land Use Designation and zoning of the property from the Commercial/Professional Office designation and C-2 (General Commercial) Zoning to High Density Residential (HDR-22) and Community Commercial (CC) designation with a corresponding pre-zoning of Planned Development/High Density Residential (PD/R-3) and Planned Development/General Commercial (PD/C-2).

Environmental: Environmental Review for this project was completed through the preparation of an Environmental Impact Report (SCH# 2022020194) pursuant to the California Environmental Quality Act (CEQA) State Guidelines.

Planner Contact: Dana Eady, 805-925-0951 ext. 2444; <mailto:deady@cityofsantamaria.org>

Public Comment:

Socorro Orozco, Santa Maria, spoke against the project, stating more discussion concerning density and resources was needed, including traffic and water.

Lindy Hatcher, Home Builders Association of the Central Coast, San Luis Obispo, spoke in favor of the project, calling it a benefit to the City and County both.

Don Flagg, Orcutt, spoke against the annexation request, stating the project should stay in the County.

Juan Pablo Cal y Mayor, Santa Maria, spoke in favor of the project, citing the local cost of living and housing and the need for more housing.

Steve LeBard, Orcutt, spoke against the project, saying while it was a good project, it should stay in the County.

Joseph Pivovarovoff, Santa Maria, spoke in favor of the project, saying it would give families more housing opportunities.

Molly Peters, Orcutt, spoke against the project, citing concerns about the strain on police and fire services, and the impact to local schools.

Kenneth Dalebout, Marian Medical Center Dignity Health, spoke in favor of the project, citing the need for affordable, attractive housing.

Glenn Morris, Santa Maria, spoke in favor of the project, stating that LAFCO encourages development within the umbrella of city services.

Moved by: Commissioner Robert Dickerson

Seconded by: Commissioner Esau Blanco

1. By resolution, recommend that the City Council certify the Environmental Impact Report prepared for the Richards Ranch project;
2. By resolution, recommend that the City Council adopt a Resolution of Application for Annexation AN2021-0001; and
3. By resolution, recommend that the City Council approve the General Plan Land Use Map Amendment and Pre-Zoning of the property, GPZ 2024-0001.

For (4): Commissioner Esau Blanco, Commissioner Robert Dickerson, Commissioner Yasameen Mohajer, and Commission Chair Tim Seifert

Conflict (1): Commissioner Tom Lopez

Motion carried by a recorded vote (4 to 0)

6. OTHER BUSINESS

Oral Reports from the Planning Commission and staff.

7. ADJOURNMENT

Next Study Session: October 3, 2024

Next Public Hearing: October 16, 2024

There being no further business, Commission Chair Seifert declared the Planning Commission meeting adjourned at 7:37 p.m.

8. ANNOUNCEMENTS

Dana Eady, Assistant Secretary

Tim Seifert, Planning Commission Chair



**CITY OF SANTA MARIA
PLANNING COMMISSION STAFF REPORT**

OCTOBER 16, 2024

5.a.

**SANTA MARIA AIRPORT DISTRICT GENERAL PLAN LAND USE MAP AMENDMENT
AND ZONE CHANGE**

Property Location: 1494 Fairway Drive

Review of a General Plan Land Use Map Amendment and Zone Change (GPZ2023-0001) for RRM on behalf of the Santa Maria Public Airport District to change the land use designation on a 6.95-acre site FROM A-AS (Airport -Airport Service) and the zone district of OS (Open Space) TO LI (Light Industrial) land use designation and PD/M-1 (Planned Development/Light Manufacturing) zone district.

Environmental: Environmental Review for this project was completed through the preparation of an Initial Study/Mitigated Negative Declaration (SCH #2024070374) pursuant to the California Environmental Quality Act State Guidelines.

Planner Contact: Cody Graybehl, 805-925-0951 ext. 2552;
cgraybehl@cityofsantamaria.org

RECOMMENDATION:

Take the following actions:

1. By resolution, recommend that the City Council adopt a resolution to adopt a Mitigated Negative Declaration and Mitigation Monitoring Program prepared for the project; and
2. By resolution, recommend that the City Council approve the General Plan Land Use Map Amendment and Zone Change, GPZ2023-0001.

BACKGROUND

The project site is located at 1494 Fairway Drive and is currently undeveloped except for a City water well and fenced yard. The site was previously part of a golf course with managed turfgrass and a man-made decorative water feature, however the golf course has closed, and the water feature no longer exists. Many years prior to the golf course use, the project site was utilized as part of military operations for the airport.

The site is bordered to the north, south and west by a flood control channel regulated by Santa Barbara County (Attachment A – Vicinity Map). Beyond the flood control channel

to the north is a business park used by VTC Enterprises. Further to the south of the flood control channel are open space areas adjacent to the Santa Maria Public Airport runway. Across the flood control channel to the west is additional open space used for row crop production. To the east of the site, across A Street, is a business park with various industrial, warehouse and manufacturing uses. The zoning immediately to the north, south, and west of the site is OS (Open Space), with PD/M-1 designations across A Street and along Fairway Drive. (Attachment B-Land Use and Zoning Map).

Santa Maria Public Airport District

The project site is owned by the Santa Maria Public Airport District. The General Plan Amendment and Rezone for future industrial uses has been reviewed for consistency with the Airport District's Master Plan which guides the internal operations and development for the airport. The project was also reviewed in conformance with the Santa Barbara County Association of Governments' (SBCAG) Airport Land Use Compatibility Plan (ALUCP) which is the governing document used by the Airport Land Use Commission to ensure that all airports countywide are developed safely. A detailed discussion of how the project complies with the ALUCP is included below. The City's Airport Business Park Specific Plan only encompasses areas on the southern side of the airport and therefore does not apply to this project site.

Planning Commission Study Session

The project was presented to the Planning Commission at the September 19, 2024, study session public meeting. Commissioners discussed the proposed Land Use and Zone designation change and the potential future uses that could be established on the site if this amendment were approved.

DISCUSSION

The applicant, RRM Design Group on behalf of the Santa Maria Public Airport District, is requesting a General Plan Amendment and Zone Change to allow for future industrial development of the project site. No site development is proposed currently. Any future development of the site would be subject to Planning Commission approval of a Planned Development Permit application.

In order to analyze the proposed Land Use and Zone change, the project applicant has provided an estimate of the development likely to occur under the proposed industrial designations, which includes up to 100,000 square-feet of industrial or manufacturing floor area.

General Plan Amendment and Zone Change

The proposed project includes a General Plan Amendment and Zoning Map Amendment that would change the land use and zoning designations on the site as follows:

- A. General Plan land use map amendment from A-AS (Airport-Airport Service) to LI (Light Industrial); and
- B. Zoning Map amendment from OS (Open Space) to PD/M-1 (Planned Development/Light Manufacturing).

The purpose of the LI designation, as described on page LU-19 of the City's General Plan Land Use Element, is "To accommodate industrial uses which contain the process primarily within the building, do not generate negative environmental impacts, and which are most compatible with adjacent nonindustrial uses."

Changing the land use designation and zoning on the project site from A-AS to LI and from OS to PD/M-1 would enable the future industrial and/or manufacturing use of the site not permitted under the current Open Space designation. The proposed LI land use designation and PD/M-1 zoning would match that of the adjacent properties east of the project site, across A Street and along Fairway Drive. There are no adjacent sensitive land uses, such as residential developments, that could create potential conflicts. All of these factors make this site an appropriate location for future industrial or manufacturing development.

Santa Maria ALUCP

The Santa Maria ALUCP was adopted by SBCAG in January of 2023. The purpose of the ALUCP is to promote airport land use compatibility. Specifically, the plan provides for the orderly growth of the Airport and the areas surrounding the Airport and safeguards the general welfare of the inhabitants within the vicinity of the Airport and the public in general.

The ALUCP requires General Plan Amendments to be reviewed by the Airport Land Use Commission for determination of compatibility with the ALUCP. On September 19, 2024, the Airport Land Use Commission and SBCAG determined that the proposed project, and the industrial Land Use and Zone designations proposed, is consistent with the noise, safety, and airspace policies listed in the ALUCP (Attachment C).

The project is outside of the noise contours identified in the ALUCP and is therefore consistent with the noise compatibility criteria. The site is located within two safety zones, 3 and 6. Light Industrial and Manufacturing are *conditionally compatible* land uses in Safety Zone 3, with the condition being that future development does not exceed the maximum intensity (150 people per acre) and lot coverage limits (60 percent) on-site.

The 100,000-square-feet of floor area estimate for potential future development of the site equates to approximately 6 percent lot coverage and an intensity of approximately 63 people per acre. Therefore, the project would facilitate future industrial development consistent with the safety policies in the Airport Land Use Compatibility Plan. Any future Planned Development application for this site will be analyzed for consistency with these population density and lot coverage limits, with corresponding conditions applied.

Environmental

The conceptual description for 100,000 square-feet of future industrial or manufacturing uses is used to analyze the potential environmental effects of the proposed GPZ, as required by the California Environmental Quality Act (CEQA).

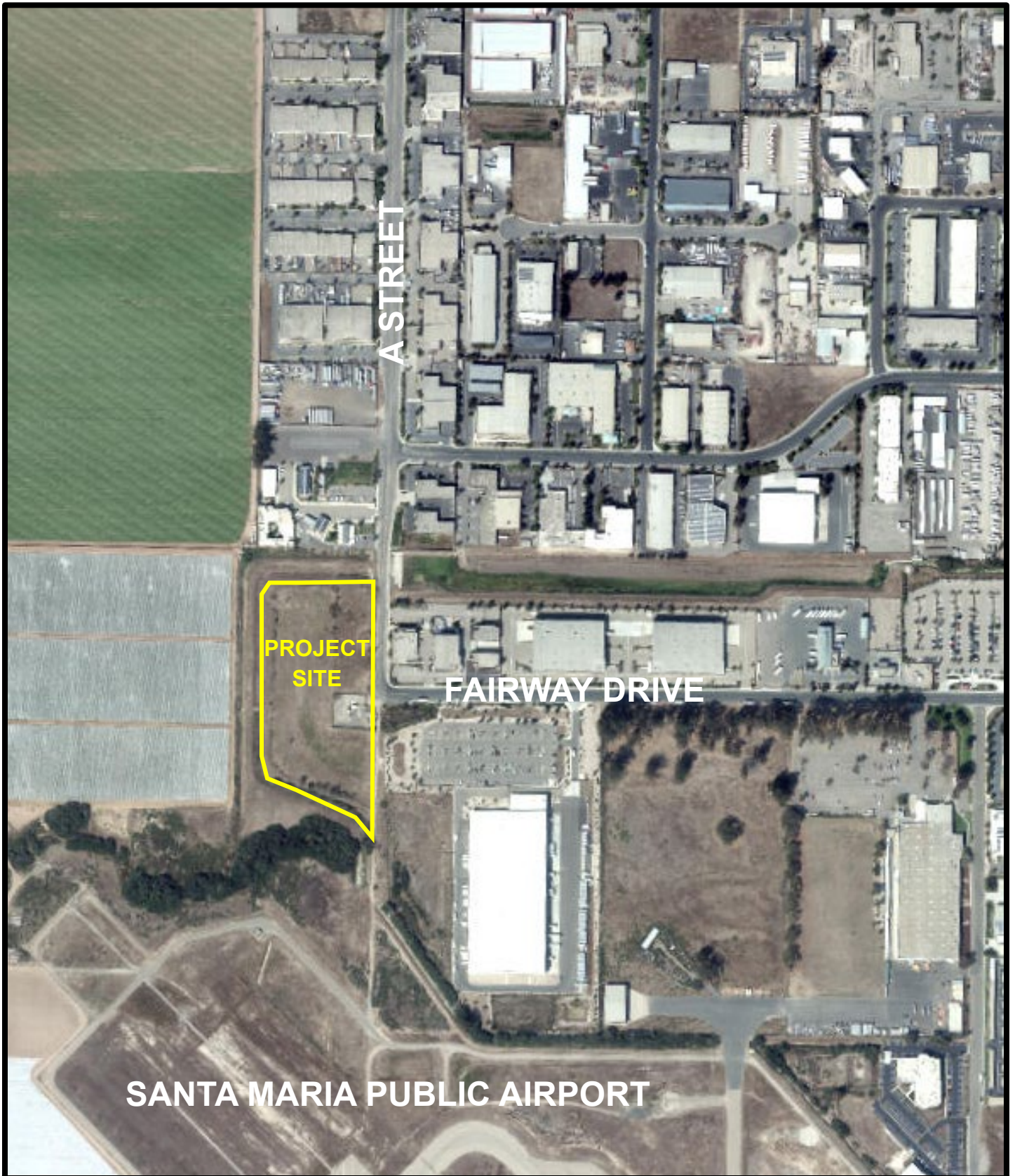
An Initial Study/Mitigated Negative Declaration (MND) was prepared by the City as Lead Agency. This document identifies potential project impacts in the topic areas of air quality, biological resources, cultural resources, geology and soils, hazards and hazardous materials, noise, and tribal cultural resources. Mitigations are incorporated in the draft MND to reduce any of the potential impacts identified to less than significant levels.

The draft MND was circulated for public review from July 11, 2024, to August 9, 2024. Two comment letters were received during the public review period. One letter was submitted from the California Department of Conservation, Geologic Energy Management Division (CalGEM) and another from the Santa Barbara County Air Pollution Control District (SBCAPCD). The CalGEM letter clarified that no known oil wells are located on the property, but also recommended procedural steps to take if a previously unknown oil well is discovered on the property during construction. The comments provided by SBCAPCD were primarily technical clarifications related to emissions quantifications and regulatory thresholds. Staff addressed each of these comments as appropriate, with changes depicted in strike-out/underline text in the MND attached to this staff report (Attachment D). For reference, the public comment letters are attached to the MND.

A resolution for the Planning Commission to adopt the MND and Mitigation Monitoring Program is included with this staff report (Attachment E).

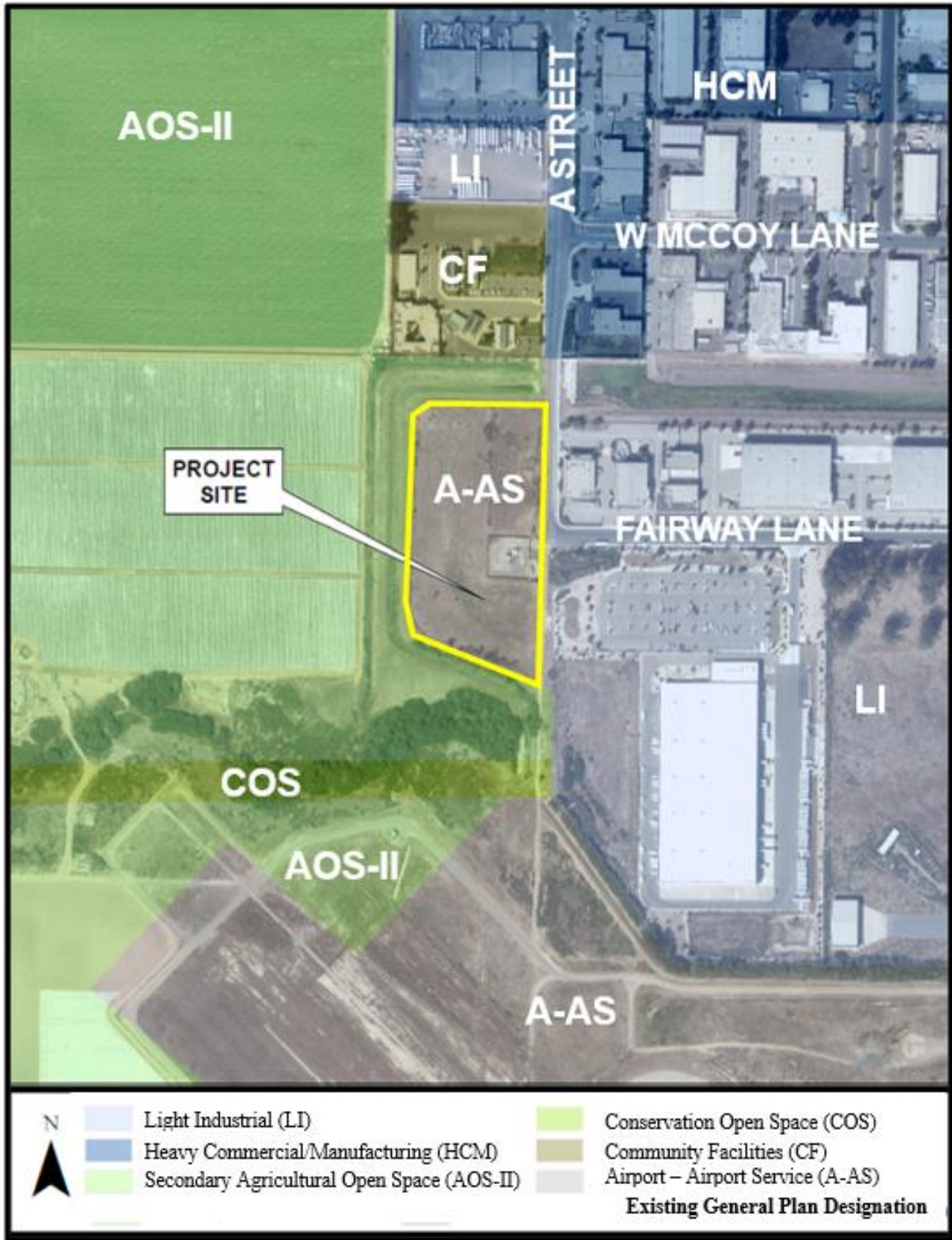
Attachments

- A – Vicinity Map
- B – Land Use and Zoning Map
- C – SBCAG ALUCP Consistency Report
- D - CEQA Initial Study/Mitigated Negative Declaration with Public Comment Letters
- E – Mitigation Monitoring Program

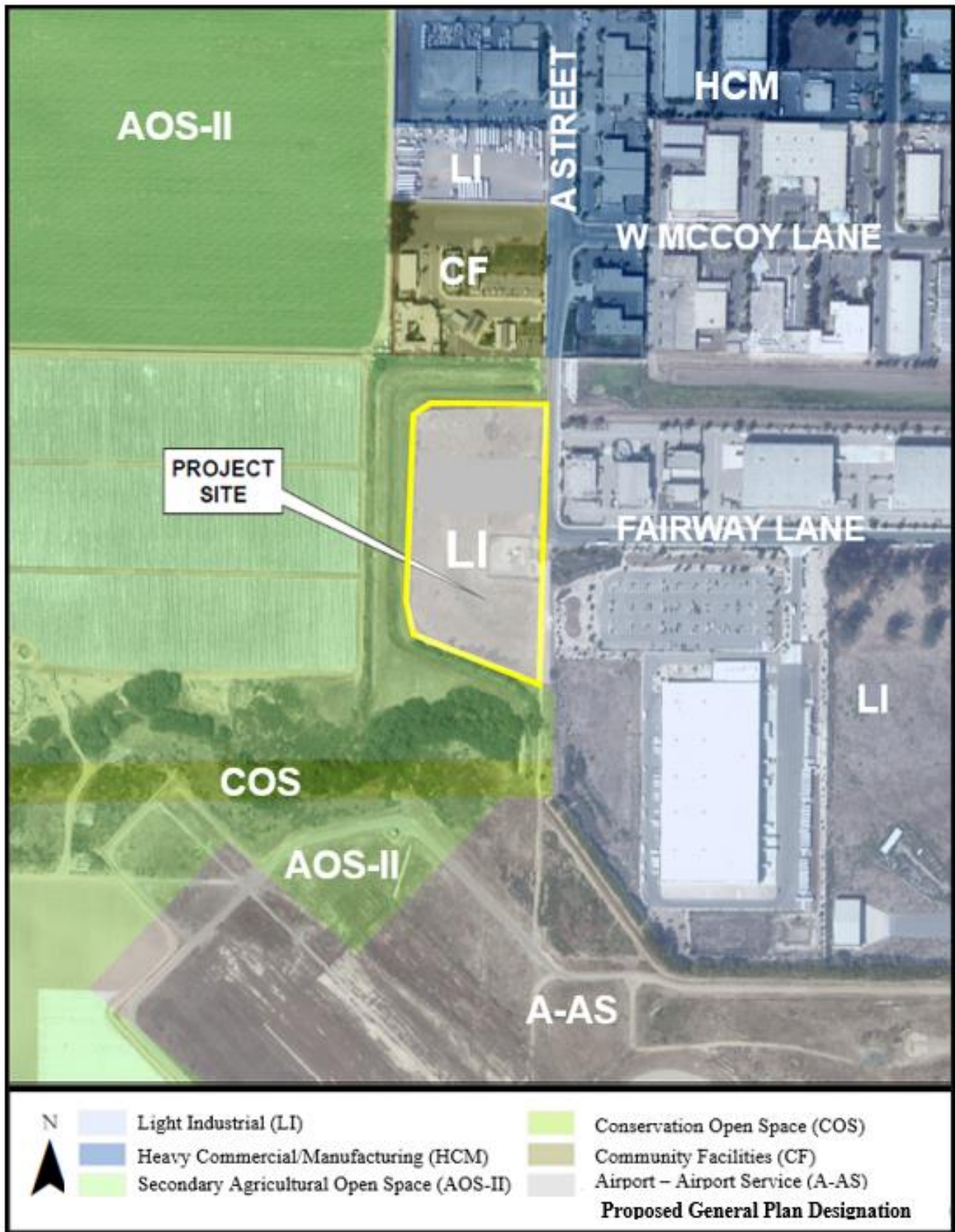


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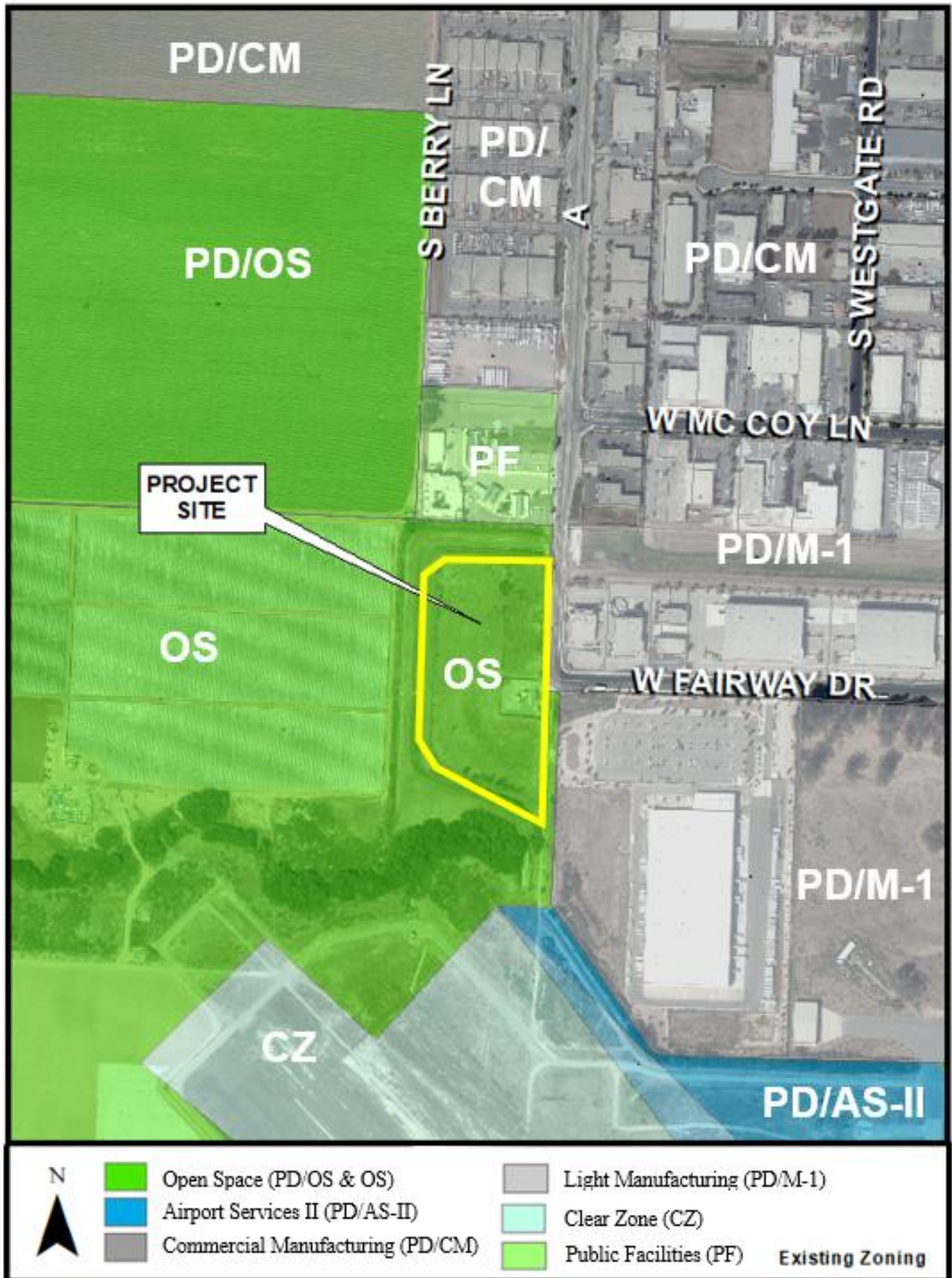
Existing General Plan Map Land Use Designation



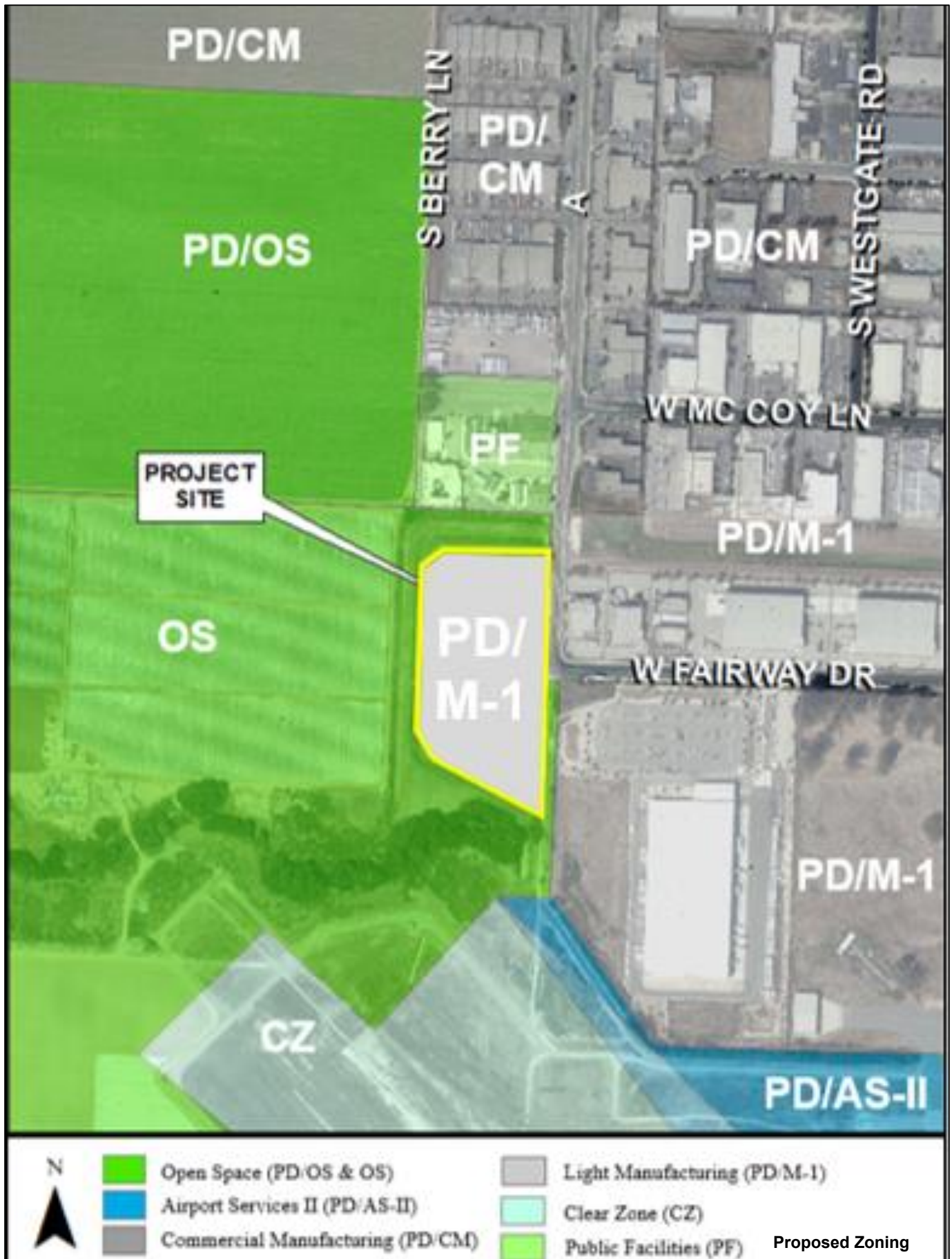
Proposed General Plan Map Land Use Designation



Existing Zone District



Proposed Zone District



MEETING DATE: September 19, 2024

STAFF CONTACT: Andrew Orfila, Mia Lewis, Michael Becker, SBCAG

SUBJECT: SANTA MARIA AIRPORT LAND USE COMPATIBILITY PLAN: A STREET AND FAIRWAY DRIVE

ATTACHMENTS: [AStFairway_ALUC Atts 1-3](#)

RECOMMENDATION:

Acting as the Airport Land Use Commission, adopt findings (Attachment 1) for the A Street and Fairway Drive project and determine that the project is consistent with the Santa Maria Airport Land Use Compatibility Plan.

DISCUSSION:

The City of Santa Maria referred the A Street and Fairway Drive project to SBCAG on July 10, 2024 (**Attachment 2**). The ALUC has 60 days to review and make its determination. SBCAG staff requested additional time to review the project, and the City agreed to the request.

State law requires SBCAG, the designated Airport Land Use Commission, to develop and implement an airport land use plan for each general-purpose airport. The purpose of the law is "to prevent the creation of new noise and safety problems, and to protect public health, safety, and welfare by ensuring the orderly exposure to excessive noise and safety hazards..." State Aeronautics Act, Public Utilities Code Section 21670(a). As described in the Airport Land Use Compatibility Plans, aircraft overflight exposes individuals in the community to potential hazards associated with aircraft and accidents and noise impacts.

The project includes a General Plan Amendment to Light Industrial and a re-zone to Planned Development-Manufacturing. The applicant (Santa Maria Public Airport District) has developed a conceptual development plan within their environmental review document that specifies a buildout of 100,000 square feet of industrial and/or manufacturing use on-site. The staff report analyses the project and the conceptual development plan and its compatibility with the noise, safety, and airspace policies in the Santa Maria Airport Land Use Compatibility Plan (**Attachment 3**).

The recommended action is not a project under the California Environmental Quality Act (CEQA) under Section 15378((b)(5) of the CEQA Guidelines.

COMMITTEE REVIEW:

The Technical Planning Advisory Committee reviewed the project at its September 5, 2024 meeting. In response to TPAC member comments, typographical errors were corrected. TPAC recommended that the ALUC adopt the findings for the project.

ATTACHMENT 1: FINDINGS

The Airport Land Use Commission finds that the A Street and Fairway Drive project general plan amendment and re-zone proposal is consistent with the noise, safety, and airspace policies listed in the Santa Maria Airport Land Use Compatibility Plan, subject to the following condition: development intensity in the Planned Development-Manufacturing District (PD-M1) Zone District and within Safety Zone 3 shall adhere to the conditional requirements outlined in Table 3-2 for the Santa Maria Airport Land Use Compatibility Plan. **Attachment 3** includes an in-depth analysis of these findings and is attached hereto and incorporated herein by reference.

1. The A Street and Fairway Drive project includes a General Plan Amendment that specifies the conceptual development of light industrial/manufacturing use on 6.95 acres of property adjacent to the Santa Maria Airport. The project site is located within the City of Santa Maria. The project specifies a conceptual development plan that includes approximately 100,000 square feet of floor area for light industrial or manufacturing development. The project would amend the General Plan to Light Industrial and re-zone to Planned Development-Manufacturing (PD-M1).
2. The project is located within the City of Santa Maria, west of the intersection of Fairway Drive and A Street, approximately 1,550 feet (0.30 mile) north of the end of Runway 12 at the Santa Maria Public Airport.
3. The project site is located outside of the 60-65 dB Community Noise Equivalent Level (CNEL) noise contour of the Santa Maria Airport. Therefore, the project is consistent with the noise compatibility criteria in the Santa Maria Airport Land Use Compatibility Plan.
4. The project site is located within the Inner Turning Zone (Safety Zone 3) and Traffic Pattern Zone of Runway 12 at the Santa Maria Airport. To determine the consistency of the project with the safety policy in the Santa Maria Airport Land Use Compatibility Plan, staff relied on the land use types/typical uses in Table 3-2 of the Plan. For the analysis, the project types were grouped into the *Limited Industrial* and *Manufacturing* categories. *Limited Industrial* is a compatible land use in Safety Zone 3 and *Manufacturing* is a conditionally compatible land use in Safety Zone 3, the conditions being that they do not exceed the maximum intensity (150 people per acre) and lot coverage limits (60%) on-site. The lot coverage for the conceptual plan is 33% (Table 4) and the maximum intensity for the project site would not exceed 63 people per acre (Table 5). Therefore, the project is consistent with the safety policies in the Santa Maria Airport Land Use Compatibility Plan.

ATTACHMENT 2 CITY OF SANTA MARIA REFERRAL LETTER



CITY OF SANTA MARIA
COMMUNITY DEVELOPMENT
DEPARTMENT

110 S. PINE STREET #101 (ON HERITAGE WALK) • SANTA MARIA, CALIFORNIA 93458-5082 • 805-925-0951 • TDD 925-4354

July 10, 2024

SBCAG
Attn: Andrew Orfila
260 N. San Antonio Road Suite B
Santa Barbara, CA 93110

**SUBJECT: AIRPORT LAND USE COMMISSION REVIEW
A STREET AND FAIRWAY DRIVE GENERAL PLAN AMENDMENT AND REZONE**

Dear Mr. Orfila,

The City of Santa Maria is currently processing a request by the property owner to amend the General Plan Land Use Map and Rezone a vacant lot at the intersection of A Street and Fairway Drive. The request specifically proposes for RRM on behalf of the Santa Maria Public Airport District to change the land use designation on a 6.95-acre site FROM A-AS (Airport -Airport Service) and the zone district of OS (Open Space) TO LI (Light Industrial) land use designation and M-1 (Light Manufacturing) zone district. A conceptual narrative for future development of the site has been provided and includes a total of approximately 100,000 square-feet of floor area either for industrial or manufacturing development. A draft Mitigated Negative Declaration has been completed for the project and is expected to be finalized in December 2024.

In accordance with Section 2.6.2 of the Santa Maria Airport Land Use Compatibility Plan (ALUCP), the attached information is included for review by the Airport Land Use Commission for a determination that the proposed project is in conformance with the ALUCP. If you have any questions please contact the project manager, Senior Planner Cody Graybehl, at (805) 925-0951 extension 2552 or by email at cgraybehl@cityofsantamaria.org.

Sincerely,

Dana Eady, Director of Community Development (Interim)

Attachments:

1. Project Information

cc: Project File

ATTACHMENT 3

SANTA MARIA AIRPORT LAND USE COMPATIBILITY PLAN CONSISTENCY DETERMINATION ANALYSIS: A STREET AND FAIRWAY DRIVE

INTRODUCTION

The City of Santa Maria referred the A Street and Fairway Drive General Plan Amendment to SBCAG, as the designated Airport Land Use Commission (ALUC), on July 10, 2024. SBCAG reviewed and acknowledged the receipt of the referral on July 10, 2024. The ALUC has 60 days to review the project and make its determination. The 60-day consistency review period ends on September 8, 2024. SBCAG staff requested additional time to review the project and City of Santa Maria staff agreed to the request. SBCAG staff agreed to have the item completed in time for the advisory committee meeting and ALUC meeting in September 2024.

In making its consistency determination, the ALUC must evaluate the A Street and Fairway Drive project against criteria in the adopted Santa Maria Airport Land Use Compatibility Plan. If the ALUC fails to act on a consistency determination within 60 days, then the project is deemed consistent with the Airport Land Use Compatibility Plan.

State law requires the ALUC to develop and implement an airport land use compatibility plan for each general-purpose airport in the region. The purpose of the law is “to prevent the creation of new noise and safety problems, and to protect public health, safety, and welfare by ensuring the orderly expansion of airports, and the adoption of land use measures that minimize the public’s exposure to excessive noise and safety hazards...” State Aeronautics Act, Public Utilities Code Section 21670(a). The policies developed in each of the county’s Airport Land Use Compatibility Plans have the dual objectives of (1) protecting against constraints on airport expansion and operations that can result from the encroachment of incompatible land uses, and (2) minimizing the public’s exposure to excessive noise and safety hazards.

PROJECT DESCRIPTION

The A Street and Fairway Drive (project) includes a General Plan Amendment that specifies the conceptual development of light industrial/manufacturing use on 6.95 acres of property adjacent to the Santa Maria Airport. The project site is located within the City of Santa Maria (City). The applicant (RRM, on behalf of the Santa Maria Public Airport District), has prepared a conceptual development plan that anticipates potential future development and use of the site. The conceptual development plan includes a total of approximately 100,000 square feet of floor area either for light industrial or manufacturing development.

The project is located within the City of Santa Maria in Santa Barbara County, approximately 2.5 miles east of US Highway 101 and north of the Santa Maria Airport. The location of the project site is shown in **Figure 1**. The topography in the project area is flat with no significant features within the project site or surrounding area. A City water well on-site is the only developed feature at the site. The project site is currently undeveloped and is bordered to the north, south and west by a flood control channel regulated by Santa Barbara County. Beyond the flood control channel to the north is a business park used by VTC Enterprises. Further to the south of the flood control channel is an open space area adjacent to the Santa Maria Public Airport runway. To the west of the flood control channel is more open space that is also adjacent to the Santa Maria Public Airport runway. To the east of the site across A Street is a business park with various industrial, warehouse, and manufacturing uses. The project site is located approximately 1,550 feet (0.30 mile) north of the end of Runway 12 at the Santa Maria Public Airport.

The project site is situated west of the intersection of Fairway Drive and A St in Santa Maria. The current land use designation for the project site in the Santa Maria General Plan is Airport Service (A-AS), which is a broad category facilitating airport and airport-related commercial and industrial uses. Typical uses within the A-AS general plan designation include a full range of uses, including airport operation and support activities. The site is zoned Open Space (OS), which allows only open space, natural resource preservation and outdoor recreation development. The project would amend the General Plan to Light Industrial which would allow for an accommodation of industrial uses on-site primarily within building(s), do not generate impacts, and which are most compatible with adjacent nonindustrial uses. Generally allowed uses include research facilities, light assembly plants, non-public oriented offices, industrial support offices, tractor sales and display when adjacent to a freeway, and churches on a temporary basis. The re-zone to Planned Development-Manufacturing (PD-M1) would permit light industrial and manufacturing uses, using the M-1 designation as a guide, and would be subject to the provisions and conditions of the approved planned development permit.¹

¹ A Street and Fairway Drive IS/MND, pg. 2.

The City has not received a formal development application for the project to date. The project description for the General Plan amendment includes only a conceptual development proposal of 100,000 square-feet of industrial or manufacturing development. The Initial Study and Mitigated Negative Declaration provided for the project was “not conducted on a project-specific level since future development plans and details may change.” (IS/MND, pg. 2) The area location and proposed project land uses are shown in **Figure 2**.

AIRPORT OPERATIONS

The project site is located within the Santa Maria Airport Influence Area (AIA). The prevailing conditions and operations at the Santa Maria Airport are described in detail in the Santa Maria Airport Land Use Compatibility Plan, an excerpt of which is provided below.

Santa Maria Airport

Santa Maria Airport (SMX) is located in northwestern Santa Barbara County, approximately three miles south of downtown Santa Maria and 70 miles north of the City of Santa Barbara. The unincorporated community of Orcutt is located immediately south and east of the airport.

Existing land use around the airport is varied. Agricultural uses predominate to the northwest, west, and southwest of the Airport. The residential neighborhood of Tanglewood in unincorporated Santa Barbara County lies approximately three-quarters of a mile west of the Runway 2 end. Light industrial and commercial uses within the City of Santa Maria predominate to the immediate northeast and east of the airport. The community of Orcutt, in the unincorporated area, is located immediately adjacent to the southwest boundary of the airport. The predominant land use in Orcutt is single-family residential housing. The location of the airport along with the surrounding area and the project site is shown in **Figure 1**.

In 2015, there were approximately 235 aircraft based at the Santa Maria Airport and 38,389 annual aircraft operations. These aircraft operations represented approximately 28% local and 72% itinerant operations. Itinerant operations are generally conducted by aircraft with destinations other than Santa Maria Airport, whereas local operations tend to remain within the local traffic pattern.

Prevailing winds at Santa Maria Airport are from the northwest of the Pacific Ocean. The majority of operations were arrivals and departures to Runway 30. In 2010, Runway 30 was utilized for approximately 75% of arrivals and departures at the airport. Historically, there have also been a substantial number of helicopter operations at the airport. Helicopters typically depart to the west towards the Runway 2 end.

SANTA MARIA AIRPORT LAND USE COMPATIBILITY PLAN

In January 2023, the SBCAG Board, acting as the Airport Land Use Commission, adopted the Santa Maria Airport Land Use Compatibility Plan. The Santa Maria Airport Land Use Compatibility Plan replaced the Airport Land Use Plan adopted in 1993 and incorporates the planning assumptions included in the current Santa Maria Airport Master Plan and Airport Layout Plan. The policies and criteria developed for the Plan were established using the guidelines from the California Airport Land Use Planning Handbook and the most recent operational data from the Santa Maria Airport.

City of Santa Maria Amendments to General Plan and Zoning

It is important to note that the City has exceeded the 180-day requirement under State law to amend its General Plan to demonstrate consistency with the Santa Maria Airport Land Use Compatibility Plan.

Factors in the Consistency Evaluation of Project Components

The consistency evaluation for the A Street and Fairway Project was completed using the following criteria compatibility policies from each of the applicable Airport Land Use Compatibility Plans: noise, land use compatibility and safety, airspace, and overflight. The following sections discuss each of these criteria.

Noise

The noise compatibility policies in the Santa Maria Airport Land Use Compatibility Plan aim to avoid the establishment of new incompatible land uses and exposure of the users to levels of aircraft noise that can disrupt the activities involved. The characteristics of Santa Maria Airport and the surrounding community were considered in determining the level of noise deemed acceptable for each type of land use. Each project is evaluated to determine consistency per the policies outlined in Table 3-1 and the noise contours depicted in Chapter 4 of the Santa Maria Airport Land Use Compatibility Plan.

Land Use Compatibility & Safety

Land use compatibility refers to various types of land uses in the airport vicinity that are compatible and incompatible with airport operations. A major criterion in land use compatibility is the population density for the corresponding land use. The safety criteria policies developed in the Santa Maria Airport Land Use Compatibility Plan relate to the associated risk and potential consequences resulting from aircraft overflights and accident potential. Regular low-altitude aircraft overflights increase the risk of aircraft

accidents. The consistency evaluation focuses on how the risk and consequences of aircraft mishaps could be minimized, if not avoided.

Each project is evaluated to determine consistency with the Airport Land Use Compatibility Plan per the policies outlined in Table 3-2 and the safety zones depicted in Chapter 4. To minimize risks to people and property on the ground, the safety compatibility criteria set limits on the density of residential uses and intensity of nonresidential development in areas most susceptible to aircraft accidents and the extent to which development covers the project site and thus limits the options of where an aircraft in distress can attempt an emergency landing. For background, a description of the Airport Land Use Compatibility safety zones is provided in Table 1 below.

Table 1
Description of Airport Land Use Compatibility Plan Safety Zones

Map Color	Safety Zone #	Description
	1	Runway Protection Zone
	2	Inner Approach/Departure Zone
	3	Inner Turning Zone
	4	Outer Approach/Departure Zone
	5	Sideline Zone
	6	Traffic Pattern Zone

The fundamental measure of risk exposure for people on the ground within residential areas in the event of an aircraft accident is the number of dwelling units per acre concentrated in areas most susceptible to aircraft accidents. This measure is the chief determinant of whether particular types of residential development are designated as “incompatible”, “conditionally compatible”, or “compatible”. For nonresidential uses, intensity is measured by calculating the number of people per acre concentrated in areas most susceptible to aircraft accidents. Table 3-2 of the Santa Maria Airport Land Use Compatibility Plan illustrates the compatibility of various residential densities and nonresidential intensities relative to the Airport safety zones.

Airspace Protection Compatibility (Height)

In establishing airspace protection policies, the Airport Land Use Commission relies upon regulations enacted by the Federal Aviation Administration (FAA) and the State of California. The ALUC policies are intended to help implement the federal and State regulations. The FAA has well-defined standards by which potential hazards to flight can be assessed. However, the FAA has no authority to prevent the creation of such hazards. That authority rests with State and local governments. State airspace protection standards for the most part mirror those of the FAA. A key difference, though, is that State

law gives the Division of Aeronautics and local agencies the authority to enforce the standards.

Proponents of a land use action containing structures or other objects that may exceed the height standards defined in FAR Part 77 as applied to the neighboring airport must submit notification of the proposal to the FAA where required by the provisions of FAR Part 77 and by the California Public Utilities Code, sections 21658 and 21659. Notice to the FAA is accomplished by filing Form 7460-1, Notice of Proposed Construction or Alteration, via the FAA's Obstruction Evaluation / Airport Airspace Analysis (OE/AAA) website (<https://oeaaa.faa.gov/oeaaa/external/portal.jsp>). The FAA will conduct an aeronautical study of the object(s) and determine whether the object(s) would be of a height that would constitute a hazard to air navigation. These requirements apply to all objects including structures, antennas, trees, mobile objects, and temporary objects, such as construction cranes. For reference, precision slope approach ratios for each of the runways at Santa Maria Airport are listed in Table 2 below.

Table 2
Approach Slopes at Santa Maria Airport Runways

Airport	Runway	Approach Slope
Santa Maria Airport	Runway 12	50:1
	Runway 30	34:1
	Runway 2	20:1
	Runway 20	20:1

CONSISTENCY ANALYSIS WITH THE SANTA MARIA AIRPORT LAND USE COMPATIBILITY PLAN

Noise

Figure 3 illustrates the location of the project site relative to the noise contours at the Santa Maria Airport. The project site is located outside the boundaries of all noise contours.

The project proposes a General Plan amendment and re-zone to provide commercial industrial or manufacturing use. The compatibility of the project with the noise policies in the Santa Maria Airport Land Use Compatibility Plan is shown in **Table 3** below.

Table 3
Project Noise Compatibility With the Santa Maria ALUCP

Proposed GP Land Use	APN #	Land Uses	ALUCP Land Use Category (a)	Exterior Noise Exposure (b)	Compatible? (a)
Light Industrial	111-231-016	Industrial or Manufacturing	warehouses; mini/other indoor storage. industrial; manufacturing;	<60 dB CNEL	YES
<i>Footnotes:</i> (a) Source: Table 3-1, Santa Maria ALUCP. (b) Source: Figure 4-1, Santa Maria ALUCP.					

Table 3 shows that the general plan amendment and conceptual land uses proposed for the project are consistent with the noise policies in the Santa Maria Airport Land Use Compatibility Plan.

Land Use Compatibility & Safety

The A Street and Fairway project site is located approximately 1,550 feet (0.30 mile) north of the end of Runway 12 at the Santa Maria Airport. The parcel is located within both Safety Zones 3 and 6. **Figure 4** illustrates the location of the project site and overlay of the safety zones relative to the Santa Maria Airport Land Use Compatibility Plan.

To determine the consistency of the project with the safety policy in the Santa Maria Airport Land Use Compatibility Plan, staff relied on the land use types/typical uses in Table 3-2 of the Plan. For the analysis, the project types were grouped into the **Limited Industrial** and **Manufacturing** categories.

The project site is located within the Inner Turning Zone (Safety Zone 3) and the Traffic Pattern Zone (Safety Zone 6) of the Santa Maria Airport. According to the Santa Maria Airport Land Use Compatibility Plan, the Limited Industrial use is a compatible land use in Safety Zones 3 and 6. The Manufacturing land use is conditionally compatible in Safety Zone 3 and compatible in Safety Zone 6. **Table 4** shows the lot coverage limit information for the project. For reference, the table also includes the acreage overlay totals for each of the ALUCP safety zones for each of the parcels. *The project is consistent with the non-residential lot coverage limits in the Santa Maria Airport Land Use Compatibility Plan.*

Staff calculated the intensity of the project utilizing the information contained in the applicant's project description, the project traffic impact study, and the City of Santa Maria zoning ordinance parking requirements for specific land uses on-site.² Calculations showing the intensity of the proposed project are shown in **Table 5**.

Table 4
Project Lot Coverage

APN			Total Floor Area	% of site in Safety Zone 3	Lot Size (acres)	Lot Coverage	Compatible?
111-231-016	100,000 sf	2.3 acres	100%	6.95	33%	YES	

Table 5
Project Intensity

Project Land Use	Size (sf)	Trip Rate	Occupancy Factor	Persons on-site	Acreage	Intensity People/acre	Compatible?
Manufacturing	100,000	1 space per 520 sf *	1.5**	435 people on-site 580/2= 290 trips generated*** x 1.5 occupancy =	6.95	62.59 (290*1.5)/ 6.95	YES
FOOTNOTES: *Source: City of Santa Maria Code of Ordinances, Title 12-32.03. **Santa Maria ALUCP Appendix E. ***Source: A Street and Fairway Drive IS/MND, Appendix D, Transportation Impact Study, Project Trip Generation, Table 2.							

The Santa Maria Airport Land Use Compatibility Plan states that manufacturing is a conditionally compatible land use in Safety Zone 3. Manufacturing facilities should be developed at an intensity of less than 150 people per acre, and lot coverage of less than 60% building footprint to site size. As noted in the tables above, the project would not exceed these thresholds.

The project lot coverage and intensity calculations (Tables 4 and 5) all indicate that the non-residential project component would be consistent with non-residential safety criteria in the Santa Maria Airport Land Use Compatibility Plan.

² A Street and Fairway Drive IS/MND, City of Santa Maria, July 2024, Transportation Impact Study, Central Coast Transportation Consulting, September 2023. City of Santa Maria Code of Ordinances, Title 12-32.03

Airspace

The A Street and Fairway project site is located approximately 1,550 feet (0.30 mile) southeast of the end of Runway 30 at the Santa Maria Airport. *Given that there are no specific proposals for buildings on-site at this time, a consistency finding for the airspace policy is not necessary. It is recommended that the City closely monitor the project and refer the completed building plans to FAA, per Part 77 as necessary.*

Disclosure Requirement – Aircraft Overflight

Assembly Bill 2776, which was passed in 2002 and took effect January 1, 2004, requires any person selling property within an Airport Influence Area to file a report with the Department of Real Estate stating that said property is located within the Airport Influence Area (Bus. & Prof. Code § 11010; Civil Code §§ 1102.6, 1103.4). The purpose of overflight notification is to increase buyer awareness and ensure that prospective buyers of property near an airport, particularly residential property, are informed about the airport's potential impacts before purchase.

The project is located within the Airport Influence Area for the Santa Maria Airport. For new residential development located within the Airport Influence Area, State law mandates the following notice be recorded in the property's chain of title:

NOTICE OF AIRPORT IN VICINITY

This property is presently located in the vicinity of an airport, within what is known as an airport influence area. For that reason, the property may be subject to some of the annoyances or inconveniences associated with proximity to airport operations (for example: noise, vibration, or odors). Individual sensitivities to those annoyances can vary from person to person. You may wish to consider what airport annoyances, if any, are associated with the property before you complete your purchase and determine whether they are acceptable to you.

Since this is a non-residential property, the disclosure requirement does not apply.

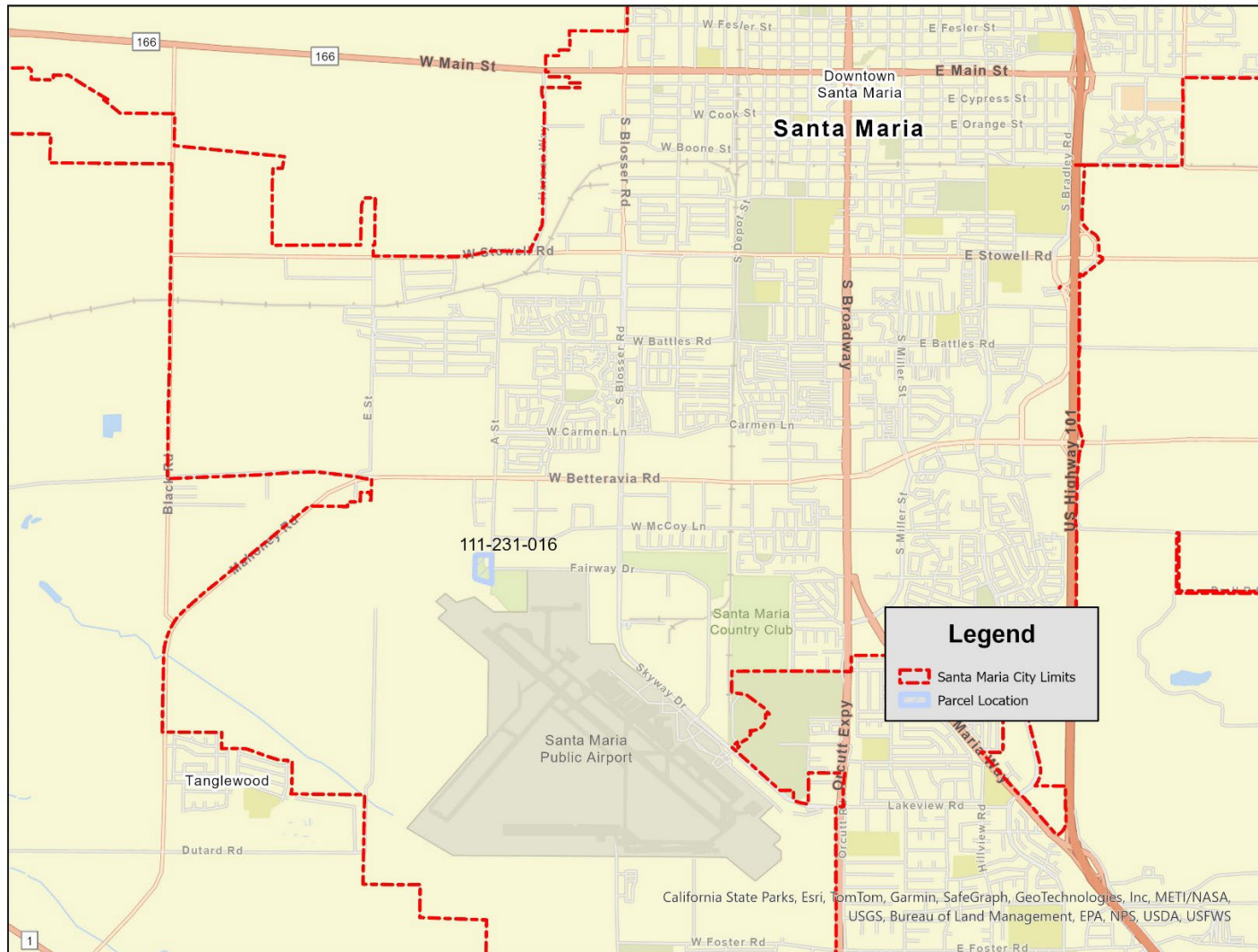


Figure 1: Project Site Location

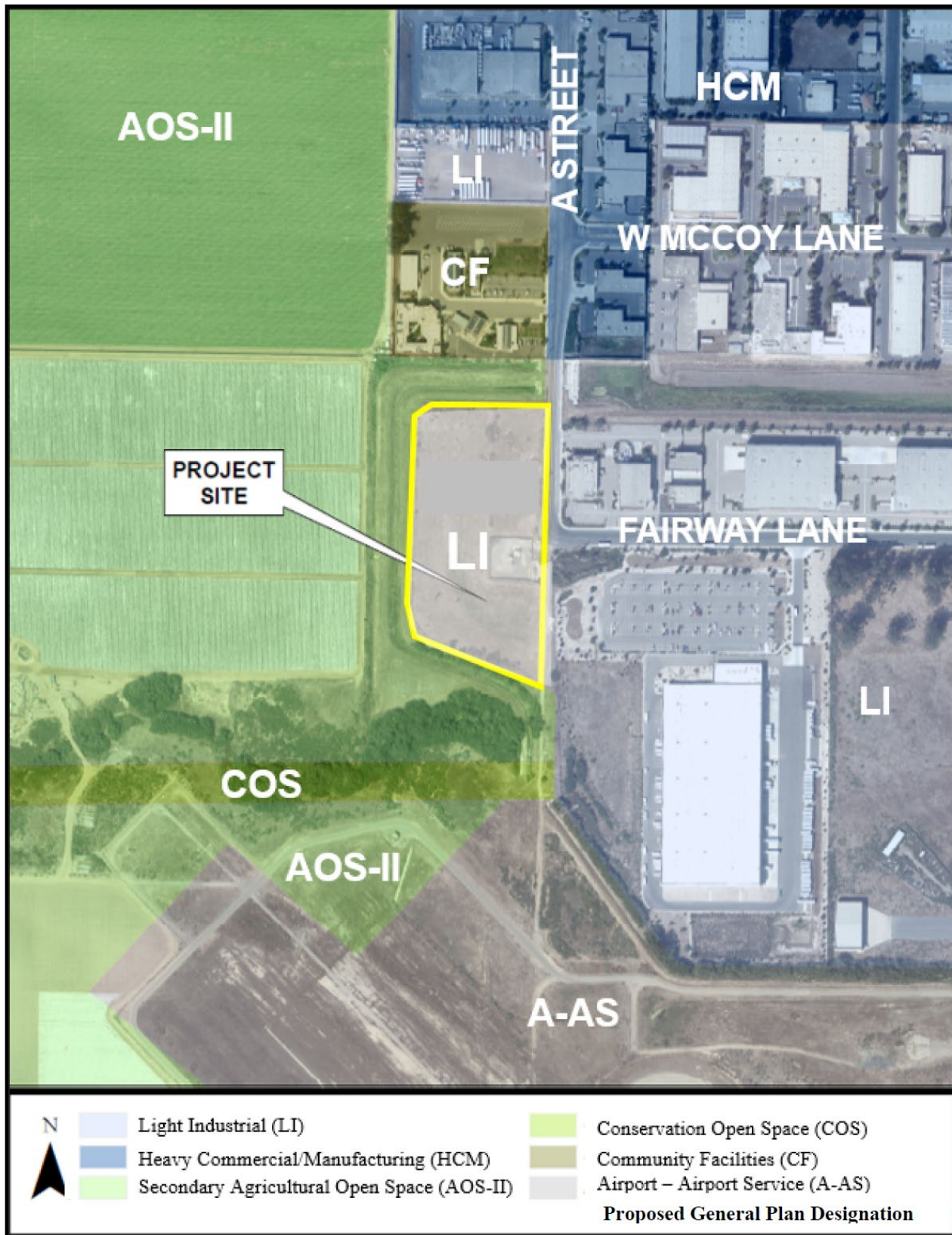


Figure 2: Area Location and Proposed Land Use

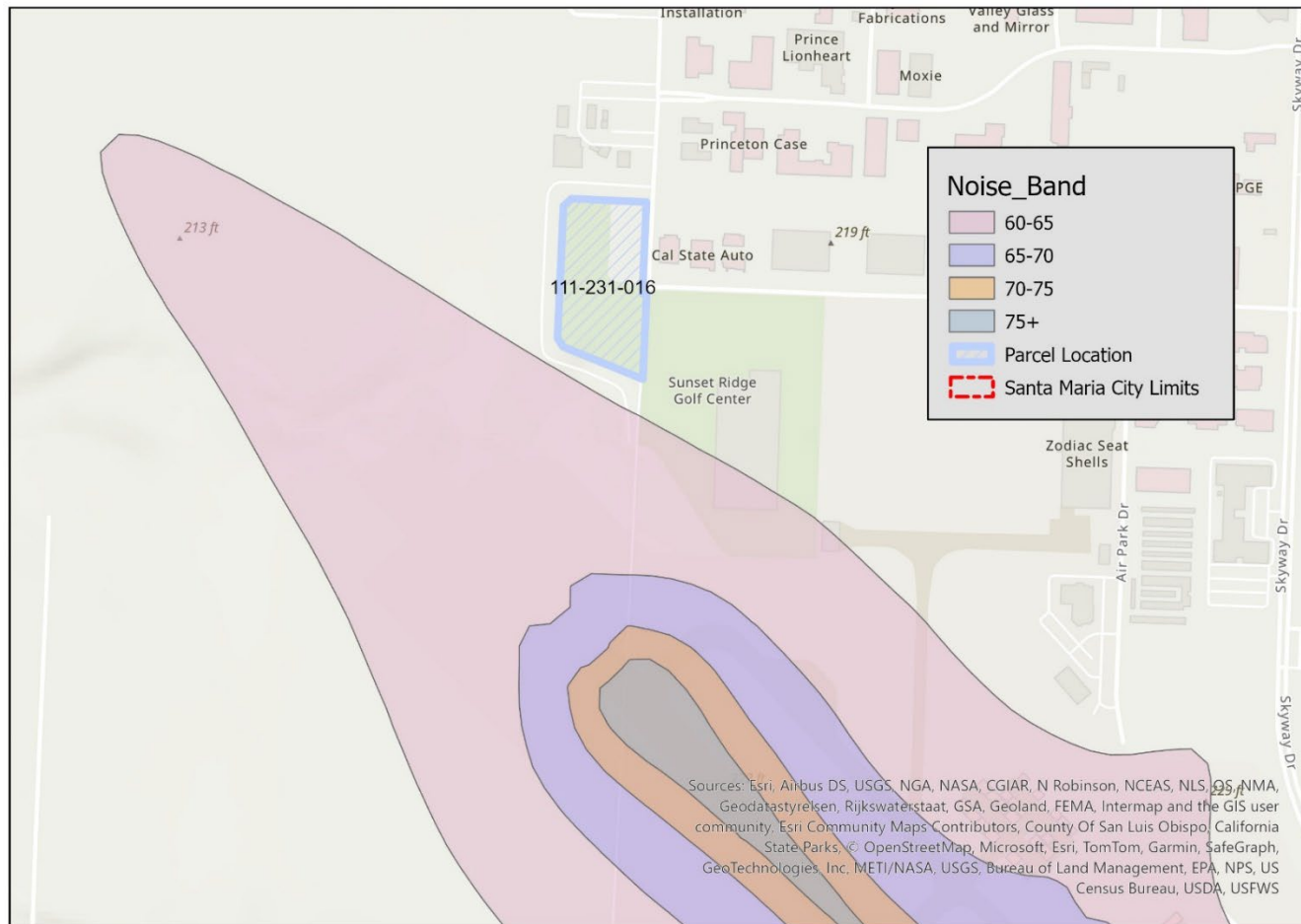


Figure 3: Santa Maria Airport Land Use Compatibility Plan Noise Contours Overlay With the Project Site

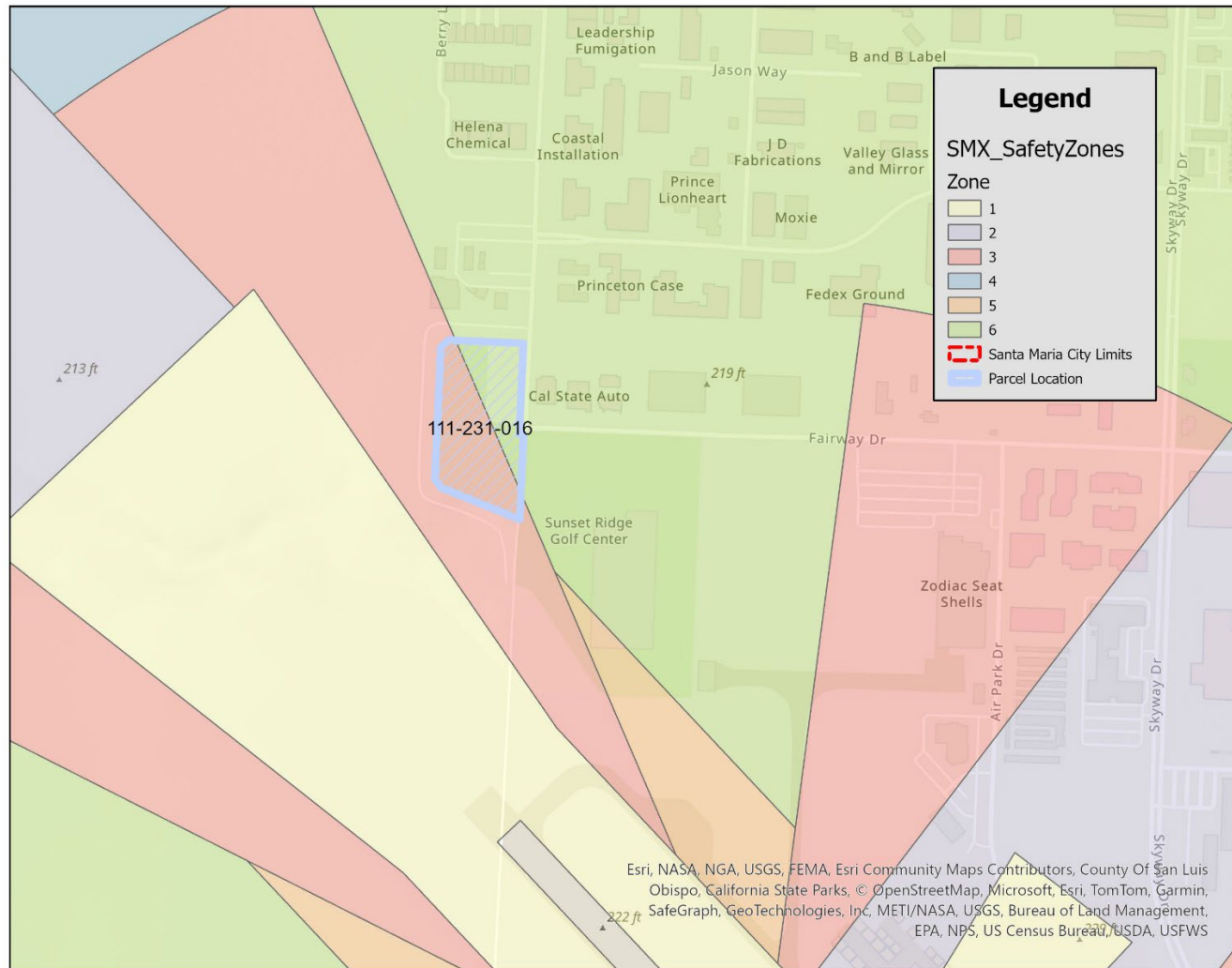


Figure 4: Santa Maria Airport Land Use Compatibility Plan Safety Overlay With the Project Site



**CITY OF SANTA MARIA
INITIAL ENVIRONMENTAL STUDY
MITIGATED NEGATIVE DECLARATION**

**A STREET AND FAIRWAY DRIVE GENERAL PLAN AMENDMENT AND REZONE
(GPZ2023-0001)**

REVISED ON SEPTEMBER 12, 2024 TO ADDRESS PUBLIC COMMENTS

Vacant Lot at the Corner of A Street and Fairway Drive (APN: 111-231-016)

PROJECT SUMMARY

Project Description	General Plan Land Use Map Amendment and Zone Change for RRM on behalf of the Santa Maria Public Airport District to change the land use designation on a 6.95-acre site FROM A-AS (Airport -Airport Service) and the zone district of OS (Open Space) TO LI (Light Industrial) land use designation and M-1 (Light Manufacturing) zone district. A total of approximately 100,000 square-feet of floor area would be established at the site from future development.
Location	Vacant Lot at the Corner of A Street and Fairway Drive
Assessor's Parcel No.	111-231-016
General Plan Designation	Airport – Airport Service (A-AS)
Zoning	Open Space (OS)
Size of Site	6.95 acres
Present Use	Vacant land
Proposed Uses	Future industrial or manufacturing development
Access	Not applicable ¹
Surrounding Uses/Zoning	
North	Flood Control & Business Park / OS & Public Facility

¹ No development project application has been submitted for the project site to date. However, the project applicant has provided a conceptual description of a potential development that could be constructed at the site at a future date. A future Planned Development permit will provide site specific information and shall comply with required development standards of the City's Municipal Code.

South	Flood Control/ OS
East	Agriculture/ OS
West	Business Park/Light Manufacturing
Parking	Not applicable
Setbacks	Not applicable
Height	Not applicable
Building Coverage	Not applicable
Landscape Area	Not applicable
Storm Water Retardation	Not applicable
Fencing	Not applicable
Related files/Actions	A future Planned Development permit shall be submitted for the buildout of the site with an industrial or manufacturing use that is enabled by this GPZ.
Applicant/Owner	Pamela A. Ricci, RRM Design Group/Martin Pehl, Santa Maria Public Airport District
Procedure	Planning Commission and City Council consideration and action regarding a Mitigated Negative Declaration of environmental impacts.

GENERAL AREA DESCRIPTION:

The project site is located in the southern area of the City and is directly across from the intersection of A Street and Fairway Drive. A mix of industrial, business park, row crops and airport development has occurred adjacent to the project area. The project site is part of the Santa Maria Public Airport and the proposed project has been reviewed for consistency with the Airport Master Plan, Airport Specific Plan and Airport Land Use Compatibility plan.

ENVIRONMENTAL SETTING:

The project is located within the City of Santa Maria in Santa Barbara County, approximately 2.5 miles east of US Highway 101. The topography in the project area is flat with no significant features within the project site or surrounding area. A City water well on-site is the only developed feature at the site. The project is characterized as a vacant 6.95-acre open space designated site proposed to be developed in the future as an industrial or manufacturing project.

PROJECT DESCRIPTION:

A request by RRM Design Group, on behalf of the Santa Maria Public Airport District, for a General Plan Amendment and rezone (GPZ) to allow for general plan land use designation and zoning ordinance designation change. The project proposes to change

the current land use designation from A-AS to Light Industrial (LI), and the current zoning from OS to PD/M-1 (Planned Development/Light Manufacturing). This change would allow for an expanded level of development that would consist of light industrial and manufacturing uses. Currently the OS zoning primarily only allows open space, natural resource preservation and outdoor recreation development.

The zoning designation PD/M-1 would permit light industrial and manufacturing uses, using the M-1 designation as a guide, and would be subject to the provisions and limitations of the approved planned development permit required by the PD Overlay proposed. No development project application has been submitted for the project site to date. However, the project applicant has provided a conceptual description of a potential development that could be constructed at the site at a future date. The conceptual description included up to 100,000 square-feet of industrial or manufacturing development.

PROJECT REVIEW:

The environmental impacts associated with the development of the site were determined using the City of Santa Maria Staff Project Environmental Checklist (attached), on-site inspection, various computer models, and information provided by the applicant. Potentially significant adverse environmental impacts were identified in the area of Air Quality, Biological Resources, Cultural Resources, Geology and Soils, Hazards and Hazardous Materials, Noise and Tribal Cultural Resources.

Based on the sources above, no adverse impacts are associated with Aesthetics, Agriculture and Forest Resources, Energy, Greenhouse Gas Emissions, Hydrology and Water Quality, Land Use and Planning, Mineral Resources, Population and Housing, Public Services, Recreation, Transportation, Utilities and Service Systems or Wildfire.

IMPACT SUMMARY TABLE

	Proposed Project
Size of Site	6.95 acres
Size of Buildings	100,000 square feet
Water Demand ⁽¹⁾	1,100 gallons per day per acre
Sewage Generation ⁽¹⁾	2,780 gallons per day
Average Daily Trips ⁽²⁾	579
P.M. Peak Trips ⁽²⁾	70

<u>Unmitigated</u> Long Term Emissions: ⁽³⁾ Reactive Hydrocarbons Nitrogen Oxides	3.49 pounds/day 0.71 pound/day
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- (1) City of Santa Maria 2015 Utility Capacity Study
(2) Traffic Impact Study (Appendix D)
(3) Air Quality and Greenhouse Gas Emissions Study (Appendix A)

The following discussion of the potential adverse environmental impacts includes mitigation measures which would reduce all identified impacts to a level of insignificance and are recommended to be included in the conditions of approval for the project. If the decision makers wish to delete a mitigation measure which is proposed to mitigate a significant impact, an alternative mitigation measure should be agreed to by the applicant and made part of the project. Verification that these mitigation measures have been implemented will be monitored as described in Section 8 of the City of Santa Maria's Environmental Procedures. The monitoring checklist is included at the end of the final report.

Air Quality

During construction, short term air quality impacts commonly occur. The Santa Barbara County Air Pollution Control District (SBCAPCD) has yet to establish a threshold for construction emissions. The construction phase of the project would emit Ozone precursors nitrogen oxides (NO_x), reactive organic compounds (ROC) and carbon monoxide (CO) from the use of construction equipment. Additionally, ground disturbing activity including grading and excavation would emit fugitive dust (PM₁₀) particles.

Mitigation has been identified to require implementation of fugitive dust control measures as well as diesel exhaust control measures during construction activities associated with future development onsite.

During the long-term operational phase of the project, air quality impacts would not result in exceedance of the thresholds recommended by SBCAPCD and no mitigation is necessary.

AQ-1 Construction Emissions Control Measures. The project applicant shall install the following air pollutant emissions control measures throughout the construction period:

Dust Control Measures

During construction, the applicant shall implement all of the applicable measures from the following list as standard dust control measures to avoid impacts associated with fugitive dust emissions:

- a. Use water trucks or sprinkler systems to keep all areas of vehicle movement damp enough to prevent dust from leaving the site and from exceeding the APCD's limit of 20% opacity for greater than 3 minutes in any 60-minute period. At a minimum, this should include wetting down such areas in the late morning

and after work is completed for the day. Increased watering frequency should be required whenever the wind speed exceeds 15 mph. Reclaimed water should be used whenever possible. However, reclaimed water should not be used in or around crops for human consumption.

- b. Minimize amount of disturbed area and reduce on site vehicle speeds to 15 mph or less.
- c. If importation, exportation and stockpiling of fill material is involved, soil stockpiled for more than two days shall be covered, kept moist, or treated with soil binders to prevent dust generation. Trucks transporting fill material to and from the site shall be tarped from the point of origin.
- d. Gravel pads shall be installed at all access points to prevent tracking of mud onto public roads.
- e. After clearing, grading, earth moving or excavation is completed, treat the disturbed area by watering, or revegetating, or by spreading soil binders until the area is paved or otherwise developed so that dust generation will not occur.
- f. Schedule clearing, grading, earthmoving, and excavation activities during periods of low wind speed to the extent feasible. During periods of high winds (>25 mph) clearing, grading, earthmoving, and excavation operations shall be minimized to prevent fugitive dust created by onsite operations from becoming a nuisance or hazard.
- g. The contractor or builder shall designate a person or persons to monitor the dust control program and to order increased watering, as necessary, to prevent transport of dust offsite. Their duties shall include holiday and weekend periods when work may not be in progress. The name and telephone number of such persons shall be provided to the APCD prior to land use clearance for map recordation and land use clearance for finish grading of the structure.

Equipment Emissions Control Measures

During project grading and construction, the applicant shall adhere to the following measures to reduce NO_x and PM_{2.5} emissions from construction equipment:

- a. All portable diesel-powered construction equipment shall be registered with the state's portable equipment registration program OR shall obtain an APCD permit.
- b. Fleet owners of mobile construction equipment are subject to the CARB Regulation for In-use Off-road Diesel Vehicles (Title 13 California Code of Regulations, Chapter 9, § 2449), the purpose of which is to reduce diesel PM and criteria pollutant emissions from in-use (existing) off-road diesel-fueled vehicles. For more information, please refer to the CARB website at www.arb.ca.gov/msprog/ordiesel/ordiesel.htm.
- c. All commercial diesel vehicles are subject to Title 13, § 2485 of the California Code of Regulations, limiting engine idling time. Idling of heavy-duty diesel construction equipment and trucks during loading and unloading shall be limited to five minutes; electric auxiliary power units should be used whenever possible.

- d. Diesel construction equipment meeting the CARB Tier 3 or higher emission standards for off-road heavy-duty diesel engines shall be used to the maximum extent feasible.
- e. Diesel powered equipment should be replaced by electric equipment whenever feasible.
- f. If feasible, diesel construction equipment shall be equipped with selective catalytic reduction systems, diesel oxidation catalysts and diesel particulate filters as certified and/or verified by EPA or California.
- g. Catalytic converters shall be installed on gasoline-powered equipment, if feasible.
- h. All construction equipment shall be maintained in tune per the manufacturer's specifications.
- i. The engine size of construction equipment shall be the minimum practical size.
- j. The number of construction equipment operating simultaneously shall be minimized through efficient management practices to ensure that the smallest practical number is operating at any one time.

Fugitive Dust Control

The project applicant shall comply with SBCAPCD's Rule 345: Control of Fugitive Dust from Construction and Demolition Activities including all applicable standards and measures therein.

Diesel-fired Engine Permits

All portable diesel-fired construction engines rated at 50 brake horsepower (bhp) or greater must have either statewide Portable Equipment Registration Program (PERP) certificates or SBCAPCD permits prior to grading/building permit issuance. Construction engines with PERP certificates are exempt from SBCAPCD permit, provided they will be onsite for less than 12 months.

Permit to Operate

If contaminated soils are found at the project site, SBCAPCD must be contacted to determine if ATC and/or Permit to Operate permits shall be required. (SBCAPCD permits are required for all soil vapor extraction activities. SBCAPCD permits are also required for the excavation, or "dig-and-haul," of more than 1,000 cubic yards of contaminated soils.)

Equipment Idling Requirements

At all times, idling of heavy-duty diesel trucks should be minimized; auxiliary power units should be used whenever possible. State law requires that:

- Drivers of diesel-fueled commercial vehicles shall not idle the vehicle's primary diesel engine for greater than five minutes at any location.
- Drivers of diesel-fueled commercial vehicles shall not idle a diesel-fueled auxiliary power system (APS) for more than five minutes to power a heater, air conditioner, or any ancillary equipment on the vehicle. Trucks with 2007 or

newer model year engines must meet additional requirements (verified clean APS label required).

See www.arb.ca.gov/noidle for more information.

Asphalt Paving Requirements

Asphalt paving activities shall comply with APCD Rule 329, Cutback and Emulsified Asphalt Paving Materials.

Biological Resources

Nesting Migratory Birds

Future industrial or manufacturing development on the site that would be allowed under the proposed PD/M-1 zoning may result in the removal of trees. The trees present within the project site may provide suitable foraging and nesting habitat for a variety of bird species protected under the Migratory Bird Treaty Act (MBTA) and the California Fish and Game Code. If project construction activities are conducted between February and September, they could result in direct and indirect impacts to nesting birds, if present. Potential direct impacts to nesting birds include injury, mortality, or destruction of nests and/or eggs from the use and movement of construction equipment tree and vegetation removal. Potential indirect impacts to nesting birds include the generation of noise and dust from construction activities and the alteration of suitable nesting habitat. Mitigation Measure BIO-1 is included to minimize potential impacts to nesting migratory birds during future project construction activities.

California Red-legged Frog (CRLF)

The CRLF is a highly aquatic species associated with perennial aquatic habitat for almost its entire lifecycle. The CRLF is known for overland movements between breeding sites during rain or heavy moisture (fog) events. The adjacent County flood control ditches next to the project site have highly variable flows subject to duration and frequency of rainfall events, and at times could support suitable aquatic habitat for breeding and movement upstream and downstream through the ditches. This species may be present within the offsite drainages when water is present, and potentially in the retained mitigation golf course pond adjacent to the FedEx site. The project site lacks suitable upland refuge habitat with vegetation cover limited to herbaceous grassland habitat. No moist refuge such as riparian habitat or downed woody debris occurs on the project site suggesting only the limited probability of overland movements during or immediately after rainstorms. No loss of CRLF habitat would result from project development of the site. No designated critical habitat occurs over the project site, so none would be affected. Potential impacts to this species would occur if individuals were present during construction and were exposed to vehicle and heavy equipment traffic. Mitigation Measure BIO-2 is included to minimize potential impacts to CRLF during future project construction activities.

Mitigation Measure(s) incorporated into the project:

BIO-1: Nesting Birds Impact Avoidance and Minimization

The following actions are recommended to avoid potential impacts to nesting birds:

- A nesting bird survey should be conducted by a qualified biologist no more than two weeks prior to the onset of construction activities. The nesting bird survey should be conducted within any and all suitable habitat that occurs within the project site, within 300 feet of its immediate vicinity for raptors, and 100 feet for all other bird species (as is feasible). If no active nests are found, no further mitigation would be required.
- If active bird nests are found, then an appropriately sized avoidance buffer should be established by the biologist and all construction work within the buffer should be delayed until after the nesting season has ended or until the biologist has determined that the adults and young are no longer reliant on the nest site for survival.
- Limits of construction to avoid the nest shall be established in the field with flagging and stakes or construction fencing. Construction personnel shall be instructed on the sensitivity of the area.

Plan Requirements and Timing.

The results of the surveys shall be reported to the City Community Development Department prior to issuance of grading permits. No disturbance buffers shall be demarcated in the field (e.g., fencing, flagging) prior to initiation of construction activities in the vicinity of an active nest.

Monitoring.

The City Community Development Department staff will verify that a pre-construction nesting bird survey has been conducted, if required based on construction timing, and shall verify that no disturbance avoidance buffers have been established prior to issuance of a grading permit. The approved biologist shall be responsible for monitoring active nests, if any occur.

BIO-2: California Red-legged Frog Impact Avoidance

The following actions are recommended to avoid potential impacts to CRLF:

- A pre-construction survey of the proposed project site for CRLF shall be conducted by a qualified biologist within 48 hours prior to the start of project construction to confirm this species is not present in the work area.
- A qualified biological monitor familiar with CRLF will monitor all initial site disturbance (clearing, grubbing, rough grading).
- In the event the pre-construction survey or the onsite monitor identifies the presence of individuals of CRLF prior to or during construction, then all work shall stop until the CRLF leave the site of their own accord. If CRLF do not move off site on their own, the project proponent shall comply with all relevant requirements of a take authorization under the federal Endangered Species Act prior to resuming project activities.

Plan Requirements and Timing.

The results of the surveys shall be reported to the City Community Development Department prior to issuance of grading permits. No disturbance buffers shall be demarcated in the field (e.g., fencing, flagging) prior to initiation of construction activities in the vicinity of an active nest.

Monitoring.

The City Community Development Department staff will verify that a pre-construction survey has been conducted, if required based on construction timing, and shall verify that no disturbance avoidance buffers have been established prior to issuance of a grading permit. The approved biologist shall be responsible for monitoring all site disturbances.

Implementation of Mitigation Measure BIO-1 and BIO-2 would reduce potential impacts to special-status species to less than significant; *therefore, potential impacts related to special status wildlife would be less than significant with mitigation.*

Cultural Resources

According to the City Resource Management Element, the project site is designated as Archaeological Sensitivity Area 2 – Low Sensitivity. Nevertheless, ground disturbance associated with future construction activities have the potential to result in inadvertent disturbance of previously unknown, buried archeological deposits. Impacts are conservatively considered to be potentially significant. Implementation of Mitigation Measure CR-1 would ensure potential impacts are avoided and/or minimized. Based on the location and low sensitivity of the project area, future development of the project site would not be expected to disturb buried human remains. In the event of an accidental discovery or recognition of any human remains associated with future development of the project site, California Health and Safety Code Section 7050.5 stipulates that no further disturbances shall occur until the County of Santa Barbara (County) Coroner has made the necessary findings as to origin and disposition pursuant to CEQA regulations and PRC Section 5097.98. With adherence to California Health and Safety Code Section 7050.5, which stipulates the process to be followed when human remains are encountered, as detailed in Mitigation Measure CR-2, impacts related to the disturbance of archaeological resources and human remains would be reduced to less than significant.

CR-1 Inadvertent Discovery of Archaeological Resources. In the event that any cultural resource is encountered during subsurface earthwork activities associated with development of the project site, all construction activities within a 100-foot radius of the find shall cease and the City shall be notified immediately. Work shall not continue until a qualified archaeologist, in conjunction with locally affiliated Native American representative(s) as necessary, determines whether the uncovered resource requires further study. Any previously unidentified resources found during construction shall be recorded on appropriate California Department of Parks and Recreation (DPR) 523 Series forms and evaluated for significance in terms of CEQA criteria by a qualified archaeologist. Potentially significant cultural resources consist of, but are not limited to, stone, bone, glass, ceramic, wood, or shell artifacts; fossils; or features including hearths, structural remains, or historic dumpsites.

If the resource is determined significant under CEQA, the qualified archaeologist shall prepare and implement a research design and archaeological data recovery plan, in conjunction with locally affiliated Native American representative(s) as necessary that will capture those categories of data for which the site is significant. The archaeologist shall also perform appropriate technical analysis, prepare a comprehensive report, and file it with the Central Coast Information Center, located at the University of California, Santa Barbara, and provide for the permanent curation of the recovered materials. These actions would reduce impacts to a less than significant level.

CR-2 Inadvertent Discovery of Human Remains. In the event that human remains are exposed during subsurface earthwork activities associated with development of the project, an immediate halt work order shall be issued, and the City Community Development Department shall be notified. State Health and Safety Code Section 7050.5 requires that no further disturbance of the site or any nearby area reasonably suspected to overlie adjacent human remains shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to PRC Section 5097.98. If the remains are determined to be of Native American descent, the coroner shall notify the Native American Heritage Commission (NAHC) within 24 hours. These protocols shall be detailed on project grading and construction plans for all development on-site. These actions would reduce impacts to a less than significant level.

Geology and Soils

Future industrial or manufacturing development allowed under the proposed PD/M-1 zoning would result in disturbance to the site. Based on previous site disturbance and manipulation, buried human remains are not expected in the site area. In the event of an accidental discovery or recognition of any human remains, California State Health and Safety Code Section 7050.5 stipulates that no further disturbances shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to CEQA regulations and Public Resources Code Section 5097.98. With adherence to State Health and Safety Code Section 7050.5, which stipulates the process to be followed when human remains are encountered.

The project site is underlain by Older Alluvium, which is considered to have high sensitivity for palaeontologic resources (Diblee 1994, U.S. DOT 2004). Fossils that have been historically encountered in formations of this age include tide-pool and rock-cliff mollusks and barnacles in marine deposits (Woodring et al 1950). The project site consists of previously disturbed terrain. Based on the sensitivity of underlying geologic formations, mitigation has been recommended identifying the inadvertent discovery protocol in order to reduce potential impacts to paleontological resources to less than significant; therefore, potential impacts are less than significant with mitigation.

Mitigation Measure(s) incorporated into the project:

GEO-1 Inadvertent Discovery of Paleontological Resources. Should any vertebrate fossils or potentially significant finds (e.g., numerous well-preserved invertebrate or plant fossils) be encountered during work on-site, all activities in the immediate vicinity of the find shall cease until a qualified paleontologist evaluates the find for its scientific value. If deemed

significant, the paleontological resource(s) shall be salvaged and deposited in an accredited and permanent scientific institution where they will be properly curated and preserved. These actions would reduce impacts to a less than significant level.

Hazards and Hazardous Materials

The project site does contain an abandoned/remnant water well structure as identified in a Phase I Environmental Site Assessment by Rincon Consultants, Inc. The Department of Conservation, California Geologic Energy Management Division (CalGEM) regulations prohibit construction of enclosed structures directly over the oil well in the event of leaking or substandard abandonment of the well which would require future re-abandonment. The recommendation in the Phase I Environmental Site Assessment is to provide a soil management plan for the future development of the project site as well as abandonment of the well structure observed in the southeastern portion of the property. The Phase I notes that no oil wells are located on the subject property. This was also confirmed in the California Geologic Energy Management Division (CalGEM) letter dated 8-6-24 that was sent to the City. However, standard mitigation is included to minimize oil facility health risks during construction in accordance with CalGem standards in case of an inadvertent discovery of an previously unknown oil well with grading and removal of the identified well structure.

HAZ-1 Stop Work Procedure. If during construction of a future project enabled by the GPZ, visual contamination or chemical odors are detected, work will be stopped immediately and the Santa Barbara County Fire Department Hazardous Materials Unit (HMU) will be contacted. Resumption of work will require the approval of HMU. In the event that previously unknown oil or gas wells and/or associated equipment is discovered, CalGEM shall be contacted immediately to assess the equipment. Recommendations of CalGEM to address the discovered equipment shall be implemented. ~~At minimum CalGEM shall be notified regarding the oil well identified on the CalGEM GIS website.~~

Noise

The project is located in an urbanized area surrounded by industrial, office park development, open space, row crops, airport development and a roadway. Proposed construction activities onsite would take place adjacent to noise-sensitive land uses such as industrial spaces and associated offices and therefore would have the potential to exceed City exterior noise thresholds for those land uses.

Mitigation measures NOI-1 and NOI-2 have been recommended to minimize all potential impacts related to construction noise, associated with the future development of the site. These measures include adherence to City construction work hours, implementation of noise control for stationary equipment, and proper maintenance of all equipment to avoid unnecessary increased noise levels. Construction related noise would be limited in duration and nature, and the project does not propose land uses that would generate excessive noise during project operation.

Mitigation Measure(s) incorporated into the project:

NOI-1 During construction of any future development within the project parcel, construction activity shall be limited to the hours between 7:00 a.m. and 6:00 p.m. on weekdays, and between 8:00 a.m. and 5:00 p.m. on Saturdays in accordance with the General Plan Noise Element. No construction shall occur on Sundays or federal or state holidays. Construction equipment maintenance shall be limited to the same hours.

NOI-2 The applicant shall implement the following measures during construction of the project:

- **Mufflers.** Construction equipment shall be properly maintained and all internal combustion engine driven machinery with intake and exhaust mufflers and engine shrouds, as applicable, shall be in good condition and appropriate for the equipment. During construction, all equipment, fixed or mobile, shall be operated with closed engine doors and shall be equipped with properly operating and maintained mufflers, consistent with manufacturers' standards.
- **Electrical Power.** Electrical power, rather than diesel equipment, shall be used to run compressors and similar power tools and to power any temporary structures, such as construction trailers or caretaker facilities.
- **Equipment Staging.** All stationary equipment shall be staged as far away from the adjacent offices as feasible.
- **Equipment Idling.** Construction vehicles and equipment shall not be left idling for longer than five minutes when not in use.
- **Workers' Radios.** All noise from workers' radios shall be controlled to a point that they are not audible at the adjacent offices near construction activity.
- **Smart Back-up Alarms.** Mobile construction equipment shall have smart back-up alarms that automatically adjust the sound level of the alarm in response to ambient noise levels. Alternatively, back-up alarms shall be disabled and replaced with human spotters to ensure safety when mobile construction equipment is moving in the reverse direction.
- **Disturbance Coordinator.** The applicant shall designate a disturbance coordinator who shall be responsible for responding to any local complaints about construction noise. The noise disturbance coordinator shall determine the cause of the noise complaint (e.g., starting too early, bad muffler, etc.) and shall require that reasonable measures warranted to correct the problem be implemented. A telephone number for the disturbance coordinator shall be conspicuously posted at the construction site.

Tribal Cultural Resources

The City has notified California Native American tribes who have formally requested notification on CEQA projects under Assembly Bill 52 and Senate Bill 18. This notification affords California Native American tribes the opportunity for consultation pursuant to Public Resources Code § 21080.3.1. The City was not contacted by any of the notified California Native American tribes after notification from the City. However, the City has added a mitigation measure for a “discovery clause” whereby work would cease and the Tribe would be notified if a tribal cultural resource was inadvertently discovered during ground-disturbing activities.

Mitigation Measure(s) incorporated into the project:

TCR-1 Inadvertent Discovery of Tribal Cultural Resource. In the event that a potentially significant tribal cultural resource is encountered during subsurface earthwork activities, all construction activities within a 100-foot radius of the find shall cease and the City shall be notified immediately. Work shall not continue until a qualified archaeologist, in conjunction with locally affiliated Native American representative(s) as necessary, determines whether the uncovered resource requires further study. Any previously unidentified resources found during construction shall be recorded on appropriate California Department of Parks and Recreation (DPR) forms and evaluated for significance in terms of CEQA criteria by a qualified archaeologist. Potentially significant cultural resources consist of, but are not limited to, stone, bone, glass, ceramic, wood, or shell artifacts; fossils; or features including hearths, structural remains, or historic dumpsites.

If the resource is determined significant under CEQA, the qualified archaeologist shall prepare and implement a research design and archaeological data recovery plan, in conjunction with locally affiliated Native American representative(s) as necessary that will capture those categories of data for which the site is significant. The archaeologist shall also perform appropriate technical analysis, prepare a comprehensive report, and file it with the CCIC, located at the University of California, Santa Barbara, and provide for the permanent curation of the recovered materials.

ENVIRONMENTAL RECOMMENDATION:

Based on the information available at the time of preparation this report and, without benefit of additional information which may come to light at the public hearing, the Environmental Officer recommends that a Negative Declaration be filed for A Street and Fairway Lane project based upon information contained in GPZ2023-001.

PREPARED BY:



City of Santa Maria
Community Development Department
110 South Pine Street, #101
Santa Maria, CA 93458

Cody Graybehl

Cody Graybehl, Environmental Analyst

Dana Eady

Dana Eady, Environmental Officer

10/8/24

Date

10/8/24

Date



CITY OF SANTA MARIA
Environmental Checklist / Initial Study
A Street and Fairway Drive GPZ (GPZ2023-0001)

REVISED SEPTEMBER 12, 2024 TO ADDRESS PUBLIC COMMENTS

1. Project Title and Location

A Street and Fairway Drive General Plan Amendment and Rezone
1494 Fairway Drive
Vacant lot at the corner of A Street and Fairway Drive
Santa Maria, CA 93455
APN: 111-231-016

2. Lead Agency, Contact and Preparer

Cody Graybehl, Senior Planner
City of Santa Maria
Community Development Department
110 South Pine Street, #101
Santa Maria, CA 93458

3. Project Applicant's Name and Address

Pamela A. Ricci
RRM Design Group
3765 South Higuera Street, Suite 102
San Luis Obispo, CA 93401

4. General Plan Designation

Existing: Airport – Airport Service (A-AS)
Proposed: Light Industrial (LI)

5. Zoning Designation

Existing: Open Space (OS)
Proposed: Planned Development/Light Manufacturing (PD/M-1)

6. Brief Description of Project

A request by RRM Design Group, on behalf of the Santa Maria Public Airport District, for a General Plan Amendment and rezone (GPZ) to allow for general plan land use designation and zoning ordinance designation changes on a 6.95-acre parcel located in the southern part of the City (Figure 1) within Airport District boundaries. The site was previously a portion of a golf course with managed turfgrass and a man-made decorative water feature, however that golf course has been abandoned and the water feature no longer exists. The project site is currently vacant except for a City water well pump facility and yard are located on the eastern portion of the site (Figure 2), which will remain.

The project proposes to change the current land use classification from A-AS (Airport – Airport Service) to LI (Light Industrial), and the zoning from OS (Open Space) to PD/M-1(Planned Development/Light Manufacturing). This change would allow for an expanded level of development that would consist of light industrial and manufacturing uses. Currently the OS zoning primarily only allows open space, natural resource preservation and outdoor recreation development.

The Planned Development (PD) overlay district is intended to provide for development of land in conformance with the City of Santa Maria General Plan by permitting a flexible design approach to the development of a community environment equal to or better than that resulting from traditional lot by lot development. The PD overlay district is intended to accommodate various types of development and combinations of uses that can be appropriately made a part of a total planned development, in accordance with the general plan. Zoning designation PD/M-1 would permit light industrial and manufacturing uses, using the M-1 designation as a guide, and would be subject to the provisions and conditions of the approved planned development permit.

No development project application has been submitted for the project site to date. However, the project applicant has provided a conceptual description of a potential development that could be constructed at the site at a future date. The conceptual description included up to 100,000 square-feet of industrial or manufacturing development. A future Planned Development permit will provide site specific information and shall comply with required development standards of the City’s Municipal Code.

To facilitate potential future California Environmental Quality Act (CEQA) streamlining when a development project application is submitted for the site, this environmental document analyzes the potential environmental effects of possible future development projects that could be allowed by the proposed GPA and rezone, including the conceptual description for future development of up to 100,000 square-feet of industrial or manufacturing uses. However, this analysis is not conducted on a project-specific level since future development plans and details may change. Therefore, any future changes that are not considered under the scope of the conceptual description of 100,000 square-feet of industrial or manufacturing development could require additional environmental review.

Table 1. General Plan Designation Comparison

Existing Designation: Airport – Airport Service (A-AS)	Proposed Designation: Light Industrial (LI)
To provide a broad category facilitating the airport and airport-related commercial and industrial uses not adversely affected by airport operations, to provide for specific areas for aircraft operation and navigation aids, and to minimize the hazard to safe landing and take-off of aircraft.	To accommodate industrial uses which contain the process primarily within the building, do not generate negative environmental impacts, and which are most compatible with adjacent nonindustrial uses.

<ul style="list-style-type: none"> • Full range of uses, including airport operation and support activities. 	<ul style="list-style-type: none"> • Research facilities • Light assembly plants • Non public oriented offices • Industrial support offices • Tractor sales and display when adjacent to a freeway • Churches on a temporary basis
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Table 2. Zone Designation Comparison

	Existing Zoning: OS District¹	Proposed Zoning: M-1 District
Front Yard Setback	None Specified	20 feet Where parking is provided in the required front yard setback a ten (10) foot landscaped strip shall be provided between the parking and the public right-of-way.
Side Yard Setback	None Specified	No side yard setback is required except for street side yards or when adjacent to an "R" district; then, the required side yard adjacent to the street or "R" district shall be a minimum of ten (10) feet. A corner lot or parcel of land shall have a landscaped side yard of not less than ten (10) feet in width adjoining the street.
Rear Yard Setback	None Specified	No rear yard setback is required, except when adjacent to an "R" district; then, the required rear yard adjacent to the "R" district shall be a minimum of ten (10) feet.
Height	None Specified	35 feet
Landscaping	No Minimum Specified	15% of site area

7. Surrounding Land Uses and Setting

The project site is currently undeveloped (except for the City water well and yard) and is bordered to the north, south and west by a flood control channel regulated by Santa Barbara County. Beyond the flood control channel to the north is a business park used by VTC Enterprises. Further to the south of the flood control channel is open space designated areas adjacent to the Santa Maria Public Airport runway. To the west of the flood control channel is additional open space used for row crop production. To the east of the site across A Street is a business park with various industrial, warehouse and manufacturing uses. Surrounding land uses, general plan designations, and zoning designations are summarized in Table 3 below and are shown in Figures 3 through 6.

Table 3. Surrounding Land Uses, General Plan Designations, and Zoning Designations

¹ A plot plan is required for OS development which establishes setbacks, height and landscaping per Section 12-4.07 of the City of Santa Maria Municipal Code.

	Land uses	General Plan Designations	Zoning Designations
North	Flood Control	Secondary Agriculture OS (AOS-II)	OS
	Business Park	Community Facilities (CF)	Public Facility
South	Flood Control	AOS-II	OS
East	Agriculture	AOS-II	OS
West	Business Park	LI	PD/M-1

8. Other Public Agencies Whose Approval is Required

Agency	Permits/Other Approvals
City of Santa Maria Community Development Department	Land use designations change proposed by GPZ2023-0001
Airport Land Use Commission	Review of the proposed change of land use for consistency with the adopted Airport Land Use Compatibility Plan

9. California Native American Tribes Consultation

AB 52 and SB 18 requires public agencies to consult with California Native American tribes identified by the Native American Heritage Commission (NAHC) for the purpose of avoiding, protecting and/or mitigating impacts to tribal cultural resources as defined for California Environmental Quality Act (CEQA) projects. The City sent letters to the local Native American contacts identified on the list of tribes provided by the NAHC. The City received no requests for consultation in response to the City's December 27, 2023 letter.

Figure 1. Project Vicinity Map

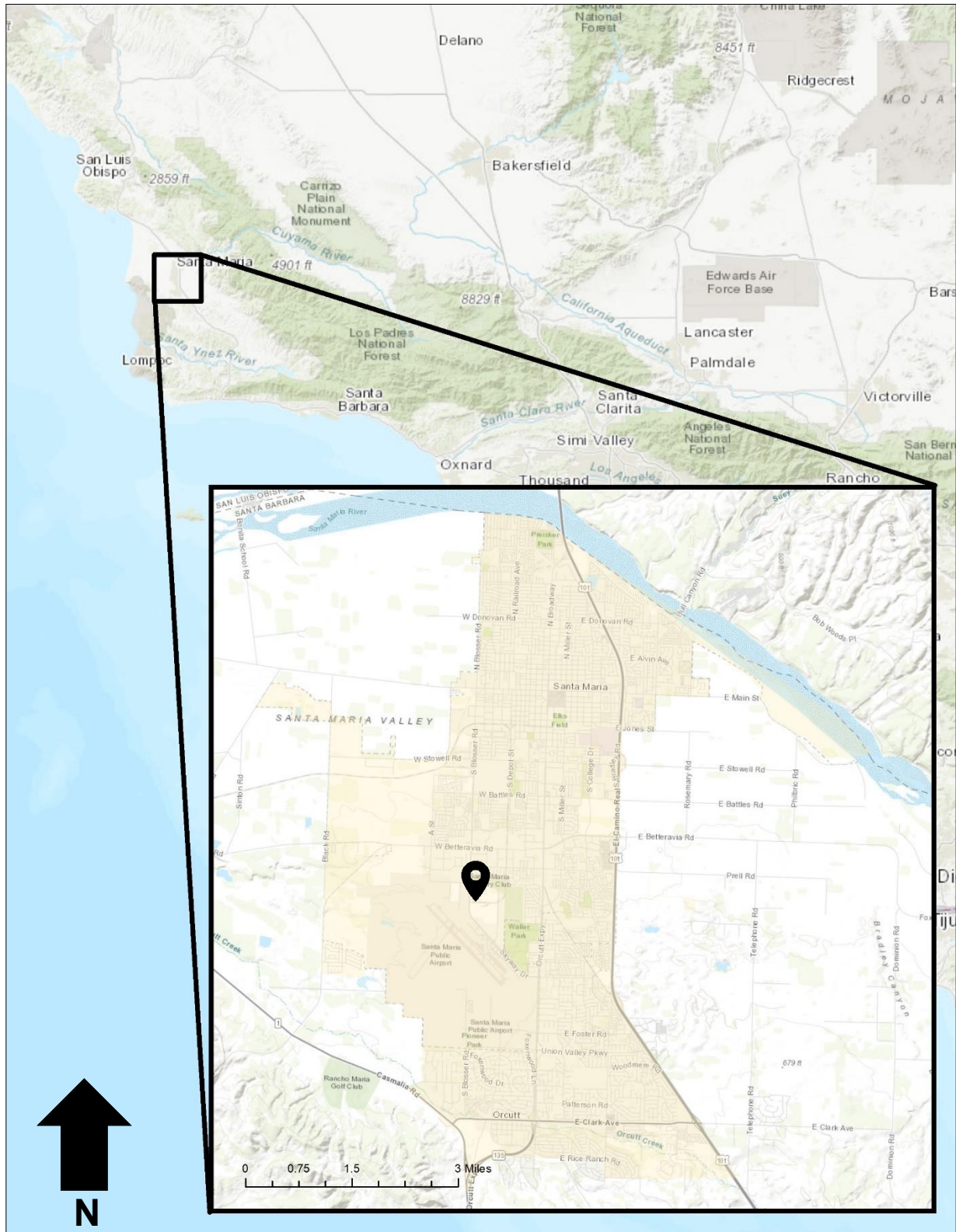


Figure 2. Project Location Map

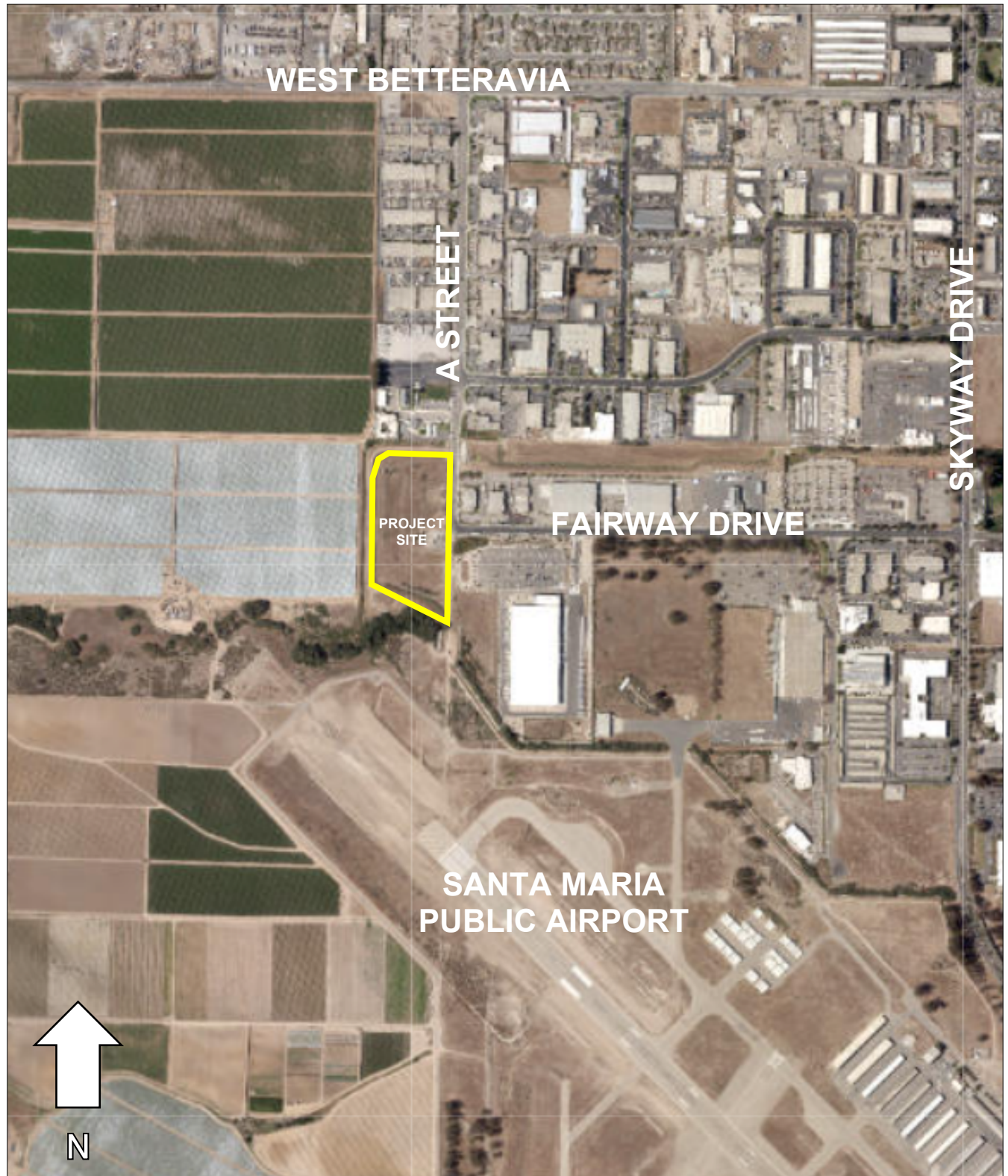


Figure 3. Existing General Plan Land Use Designation Map

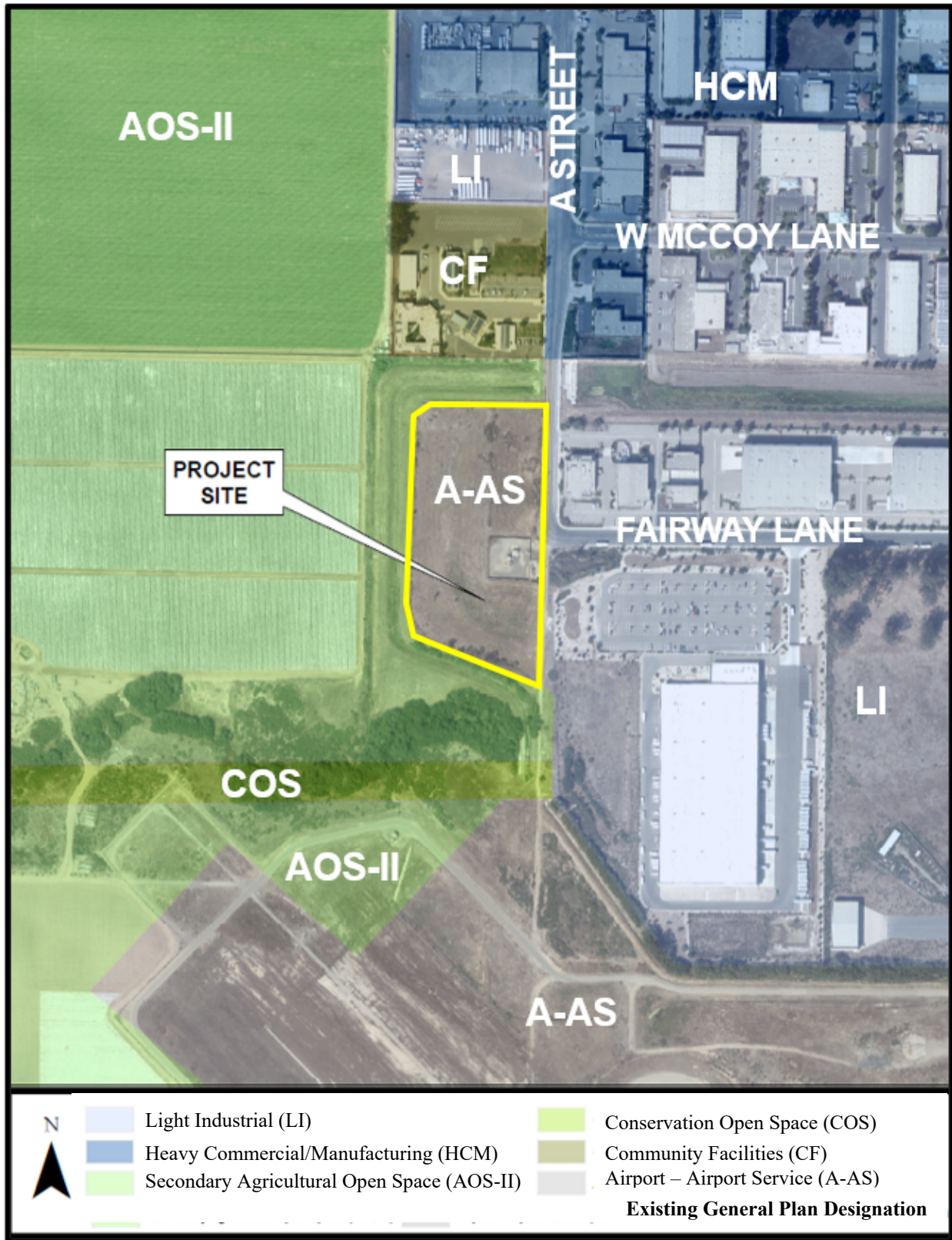


Figure 4. Proposed General Plan Land Use Designations Map

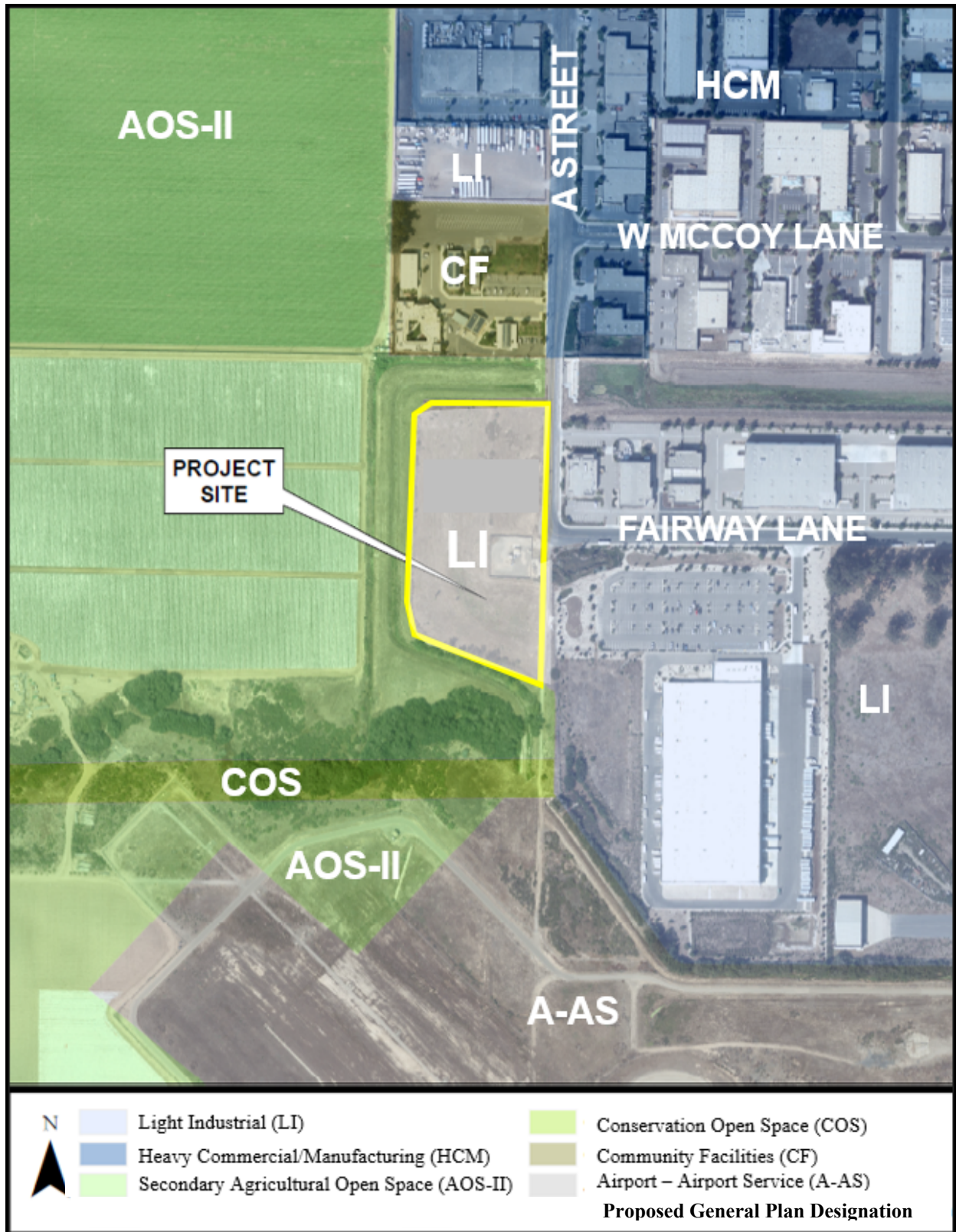


Figure 5. Existing Zoning Designation Map

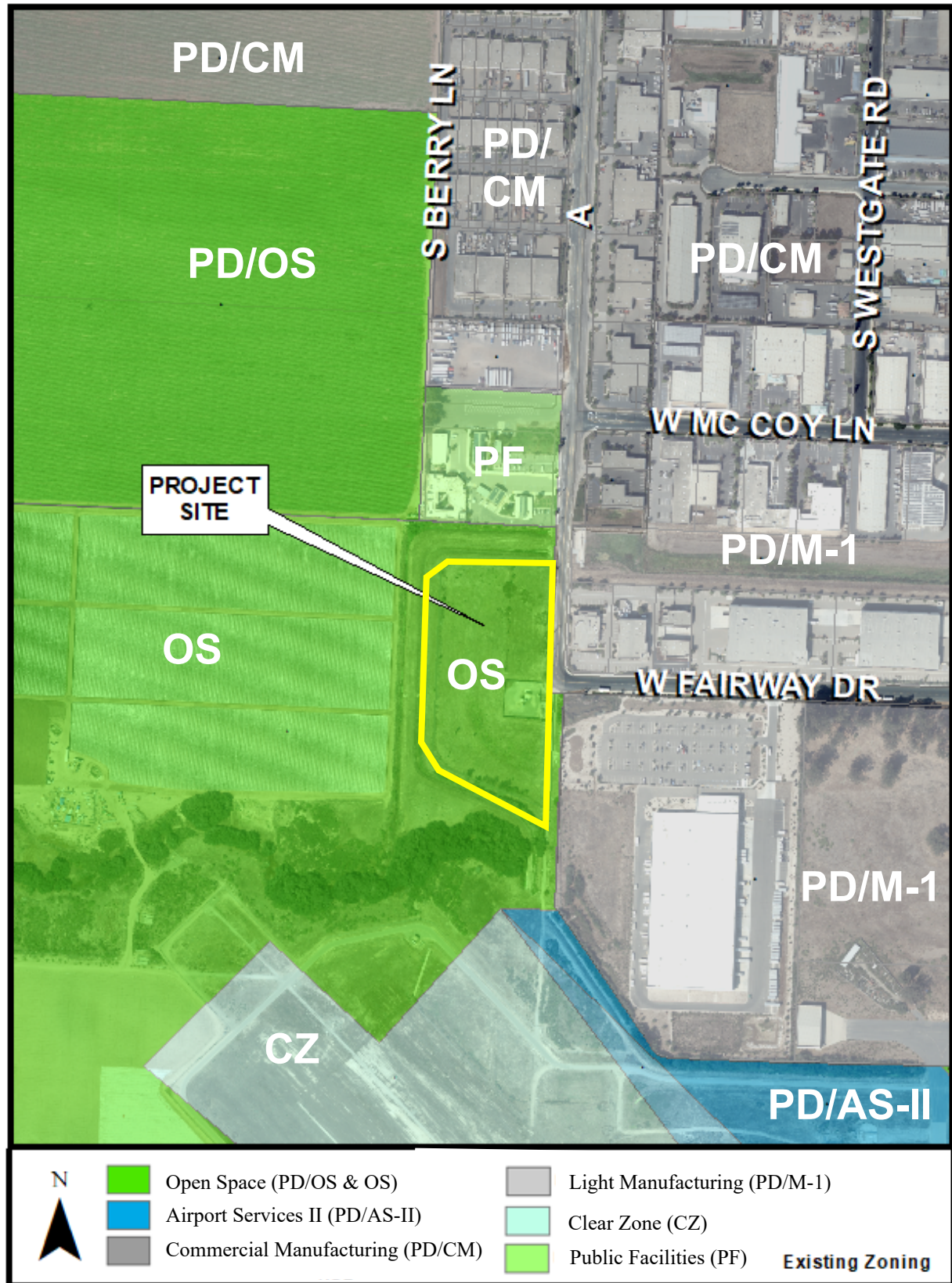
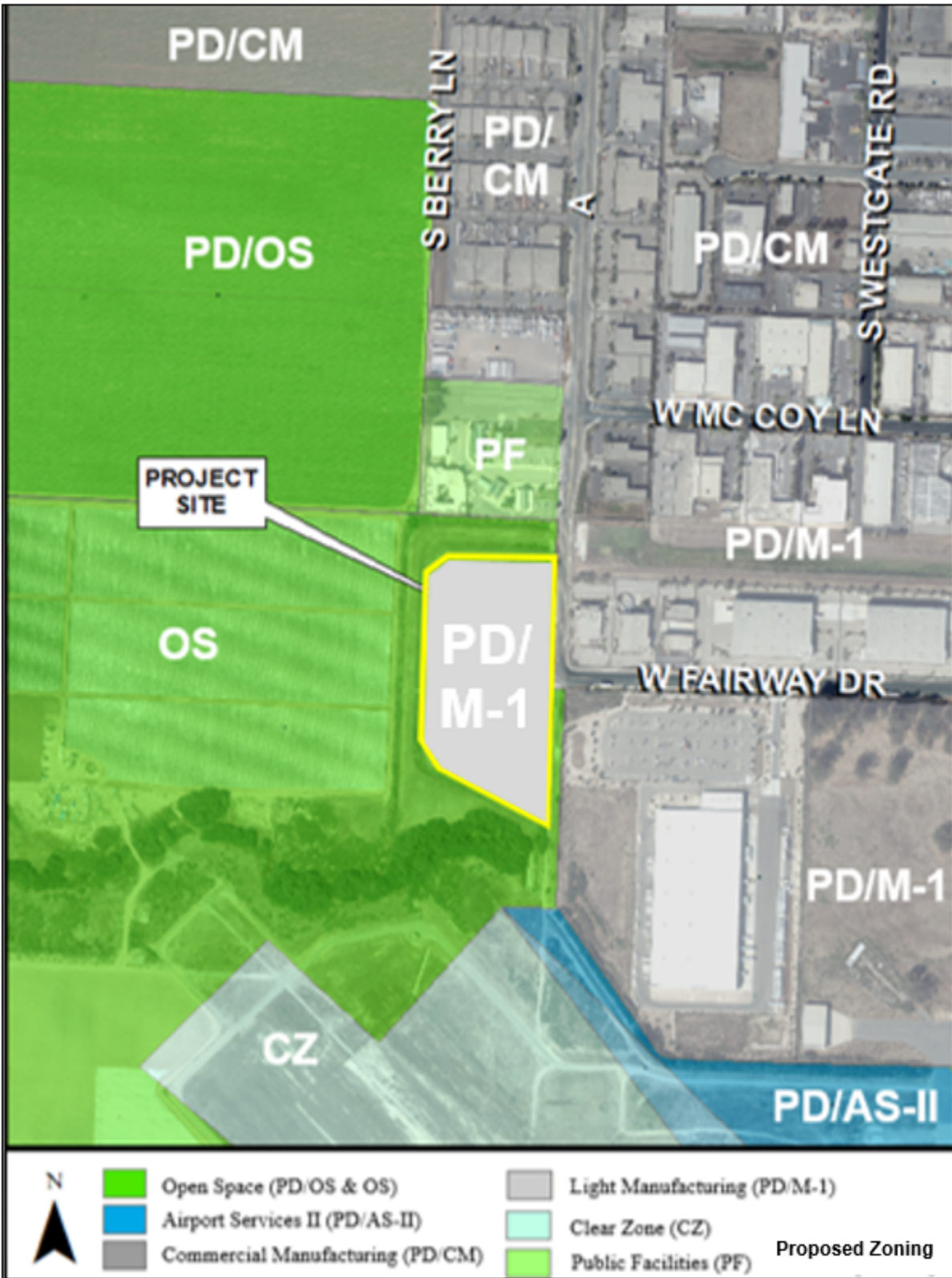


Figure 6. Proposed Zoning Designation Map



1. AESTHETICS

Except as provided in Public Resources Code Section 21099, would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Have a substantial adverse effect on a scenic vista?			X	
b. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway corridor?				X
c. In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?			X	
d. Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?			X	

Setting:

The project site is located within the southwestern area of the city of Santa Maria to the east of the intersection of Roemer Way and North Broadway. The site is 6.95 acres and is mostly undeveloped. A City water well pump facility and yard are located on the site. The site is primarily flat and open with ruderal non-native grassland. A flood control channel maintained by the County of Santa Barbara borders the site to the north, south and east. The site is surrounded by urbanized development to the north and east of the site. The Santa Maria Public Airport borders the site to the south and west. Development in the project vicinity includes multiple business parks and industrial uses, and airport runways and related airport infrastructure.

Discussion:

- a. For purposes of determining significance under CEQA, a scenic vista is defined as a viewpoint that provides expansive views of a highly valued landscape for the benefit of the general public. According to the General Plan Resources Management Element, there are no designated scenic vistas identified in the project vicinity. The project site is relatively level and is located in an urban area within Santa Maria that is generally surrounded by existing industrial and airport development. Views from the project area are not expansive, do not portray a highly valued landscape, and would not be considered a scenic vista. Therefore, the project would not result in a substantial adverse effect on a scenic vista and impacts would be *less than significant*.
- b. U.S. Route 101 (US Highway 101) and State Route 166, are identified as an eligible but not officially designated State Scenic Highway, is located approximately two miles east and north of the project site respectively. The project site would not be visible to viewers traveling along these roadways due to distance and existing intervening development. A future industrial or manufacturing development that would be enabled by the proposed land use designation and zone district change would not introduce any new structures that would obstruct views because of the distance and buildings already

constructed within the viewshed. No other eligible or officially designated state scenic highways are located within proximity or viewshed to the project site. Therefore, the project would have *no impact* to scenic resources within a state scenic highway.

- c. The project is located in an urban area of Santa Maria and is considered urbanized pursuant to CEQA Section 21071. The proposed GPZ of the parcel would allow for the development of a future industrial or manufacturing use by the proposed PD/M-1 zoning designation that were not previously allowed at this location due to the existing OS zoning regulations and A-AS general plan designation. The proposed rezone of the parcel to PD/M-1 would require front setback distances and landscaping requirements. The new zoning would limit the building height of a future industrial or manufacturing building to 35 feet. All architectural elevations, site plans, and landscape plans would be reviewed by the designated review authority for compliance with the adopted plans, policies, and ordinances of the City prior to project approval. Further, there are no notable scenic resources in close proximity to the site of which a structure of such size would block views. Therefore, the project would not result in a conflict with applicable zoning or other regulations governing scenic quality and impacts would be *less than significant*.
- d. The project includes the GPZ to allow for the development of a industrial or manufacturing use in the proposed PD/M-1 zoning designation. A future industrial or manufacturing development will include outdoor lighting fixtures including wall sconces, parking lot poles and walkway lighting. This future project will be conditioned to comply with standard lighting requirements per the Santa Maria Municipal Code, which require that light and glare onto any adjacent properties be minimized, including Section 12-32.20. Building materials and design would be reviewed by the designated review authority for compliance with the adopted plans, policies, and ordinances of the City associated with reflectivity and glare prior to project approval. Additionally, any future project will be subject to compliance with aviation lighting limits due to the site's proximity to airport runways. Therefore, impacts to substantial light or glare which would adversely affect day or nighttime views in the area would be *less than significant*.

Mitigation Measure(s) incorporated into the project:

Implementation of the proposed project would not result in potentially significant impacts related to aesthetics or visual resources; therefore, mitigation is not necessary.

2. AGRICULTURE AND FOREST RESOURCES

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board.

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?				X
b. Conflict with existing zoning for agricultural use, or a Williamson Act contract?				X
c. Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?				X
d. Result in the loss of forest land or conversion of forest land to non-forest use?				X
e. Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?				X

Setting:

Agriculture has historically played an important role in the economy and development of Santa Maria and the Santa Maria Valley. Soil quality, water supply, year-round growing season, and level topography have made the Santa Maria Valley one of the most productive agricultural regions in the country. A majority of the land under agricultural production within the project vicinity is located in the unincorporated areas surrounding the city. Land under agricultural production within city limits includes a small area near the Santa Maria Regional Landfill and several acres recently annexed to the City. The project site is located within a developed portion of the city that is not currently used, and has not historically been used, for agricultural purposes.

According to California Public Resources Code (PRC) Section 12220(g), forest land is defined as land that can support 10% native tree cover of any species, including hardwoods, under natural conditions, and that allows for management of one or more forest resources, including timber, aesthetics, fish and wildlife, biodiversity, water quality, recreation, and other public benefits. Timberland is defined as land, other than land owned by the federal government and land designated by the State Board of Forestry and Fire Protection, as experimental forest land, which is available for, and capable of, growing a crop of trees of a commercial species used to produce lumber and other forest products, including Christmas trees. The project site does not support any forest land or timberland.

Discussion:

- a. According to the California Department of Conservation (DOC) Farmland Mapping and Monitoring Program (FMMP) Important Farmland Map for Santa Barbara County (DOC 2016), the site is mapped as Urban and Built-up Land. Urban and Built-up Land is defined as land that is occupied by structures with a building density of at least one unit to 1.5-acres, or approximately six structures to a 10-acre parcel. In addition, the project site does not lie within the area identified in the General Plan Resources Management Element as having prime agricultural soils. The project site does not include any land that is designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance, as designated by the FMMP; therefore, no conversion of these lands would result from implementation of the project and *no impacts would occur*.
- b. According to the City's General Plan, the project site's land use is designated as A-AS and the site is currently zoned OS. The A-AS designation is meant to provide a broad category facilitating the airport and airport-related commercial and industrial uses not adversely affected by airport operations, to provide for specific areas for aircraft operation and navigation aids, and to minimize the hazard to safe landing and take-off of aircraft. The project site was formerly used as part of a golf course and does not have a history of agricultural use. The project site is not under a Williamson Act contract nor is the adjacent agricultural land. The project would not result in a conflict with existing zoning for agricultural use, or a Williamson Act contract; therefore, *no impacts would occur*.
- c. The site is zoned OS and the project site currently is designated to support the existing airport. The former use of the site was a golf course with a water feature and currently contains ruderal non-native plants and seven ornamental pine trees associated with the prior golf course use. Given that the site is located within an urban area and is not within close proximity to forest land or timberland resources; therefore, implementation of the project would not result in a conflict with existing zoning for, or cause rezoning of, forest land, timberland, or timberland zoned Timberland Production and *no impacts would occur*.
- d. The proposed project would change the General Plan Land Use designation and Zone District to industrial designations to allow the future construction of an industrial or manufacturing development. The project site is located in an urbanized area of the city and is not located within or adjacent to forest land. Future development of uses on-site resulting from the project would likely result in the removal of existing pine trees on-site; however, these trees do not meet the criteria to meet the definition of forest land or timberland. Therefore, the project would not result in the loss of forest land or conversion of forest land to non-forest use and *no impacts would occur*.
- e. As discussed above, the project site does not include active agriculture, farmland designated by the FMMP, land under active Williamson Act contract, or land designated or zoned for agricultural use, forest land, or timber land. The proposed GPZ enabling the future development of a industrial or manufacturing use on the project site would not directly or indirectly adversely affect agricultural land in the vicinity; therefore, *no impacts to agriculture or forest resources would occur*.

Mitigation Measure(s) incorporated into the project:

Implementation of the proposed project would not result in potentially significant impacts related to agriculture and forest resources; therefore, mitigation is not necessary.

3. AIR QUALITY

Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations.

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Conflict with or obstruct implementation of the applicable air quality plan?			X	
b. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?		X		
c. Expose sensitive receptors to substantial pollutant concentrations?		X		
d. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?			X	

Setting:

The project includes the GPZ to allow for the future development of a manufacturing or industrial use under the Light Manufacturing zoning. The GPZ would enable the project site to be developed with up to 100,000 square-feet of building area. The project site is located in the City of Santa Maria in northern Santa Barbara County. The climate in and around Santa Maria, as well as most of southern California, is dominated by the strength and position of the semi-permanent high-pressure center over the Pacific Ocean near Hawaii. It creates cool summers, mild winters, and infrequent rainfall. It drives the cool daytime sea breeze and maintains a comfortable humidity range and ample sunshine after the frequent morning clouds dissipate. However, the same atmospheric processes that create the desirable living climate combine to restrict the ability of the atmosphere to disperse the air pollution generated by the population attracted in part by the desirable climate.

Air pollutant emissions are generated primarily by stationary and mobile sources. Stationary sources can be divided into two major subcategories:

- Point sources occur at a specific location and are often identified by an exhaust vent or stack. Examples include boilers or combustion equipment that produce electricity or generate heat.
- Area sources are widely distributed and include such sources as residential and commercial water heaters, painting operations, lawn mowers, agricultural fields, landfills, and some consumer products.

Mobile sources refer to emissions from motor vehicles, including tailpipe and evaporative emissions, and can also be divided into two major subcategories:

- On-road sources that may be legally operated on roadways and highways.
- Off-road sources include aircraft, ships, trains, and self-propelled construction equipment.

Air pollutants can also be generated by the natural environment, such as when high winds suspend fine dust particles. Both summer and winter air quality in the project area is generally very good. The closest air monitoring station to the project site is the Santa Maria-906 South Broadway monitoring station, located in

downtown Santa Maria. This station measures ozone (O₃), particulate matter with diameter of 10 micrometers or less (PM₁₀), and sulfur dioxide.

Regulatory Framework

The federal and State Clean Air Acts (CAA) mandate the control and reduction of certain air pollutants. Under these laws, the U.S. Environmental Protection Agency (U.S. EPA) and the California Air Resources Board (CARB) have established the National Ambient Air Quality Standards (NAAQS) and the California Ambient Air Quality Standards (CAAQS) for “criteria pollutants” and other pollutants. Some pollutants are emitted directly from a source (e.g., vehicle tailpipe, an exhaust stack of a factory, etc.) into the atmosphere, including carbon monoxide, volatile organic compounds (VOC)/reactive organic compounds (ROC), nitrogen oxides (NO_x), PM₁₀, particulate matter of 2.5 microns or less (PM_{2.5}), sulfur dioxide, and lead. Other pollutants are created indirectly through chemical reactions in the atmosphere, such as O₃, which is created by atmospheric chemical and photochemical reactions primarily between ROC and NO_x. Secondary pollutants include oxidants, O₃, and sulfate and nitrate particulates (smog). By law, the federal standards may be exceeded not more than once per year, while the California standards may not be exceeded at all.

Air Quality Standards and Attainment

The project site is located in the South Central Coast Air Basin (SCCAB), which encompasses San Luis Obispo, Santa Barbara, and Ventura counties and is under the jurisdiction of the Santa Barbara County Air Pollution Control District (SBCAPCD). As the local air quality management agency, the SBCAPCD is required to monitor air pollutant levels to ensure that the NAAQS and CAAQS are met and, if they are not met, to develop strategies to meet the standards. Depending on whether the standards are met or exceeded, the SCCAB is classified as being in “attainment” or “nonattainment.” In areas designated as non-attainment for one or more air pollutants, a cumulative air quality impact exists for those air pollutants, and the human health impacts associated with these criteria pollutants, presented in Table 4 are already occurring in that area as part of the environmental baseline condition. Under state law, air districts are required to prepare a plan for air quality improvement for pollutants for which the district is in non-compliance. The project site is within Santa Barbara County, which currently meets the NAAQS for all criteria air pollutants. Santa Barbara County is classified as attainment/maintenance area under the CAAQS for CO, and attainment for PM_{2.5}. Santa Barbara County is currently classified as a nonattainment area under the CAAQS for O₃, and PM₁₀ (SBCAPCD 2023). These nonattainment statuses are a result of several factors, including mobile and stationary sources in the SCCAB.

Table 4. Health Effects Associated with Non-Attainment Criteria Pollutants

Pollutant	Adverse Effects
Ozone	(1) Short-term exposures: (a) pulmonary function decrements and localized lung edema in humans and animals and (b) risk to public health implied by alterations in pulmonary morphology and host defense in animals; (2) long-term exposures: risk to public health implied by altered connective tissue metabolism and altered pulmonary morphology in animals after long-term exposures and pulmonary function decrements in chronically exposed humans; (3) vegetation damage; and (4) property damage.
Suspended particulate matter (PM ₁₀)	(1) Excess deaths from short-term and long-term exposures; (2) excess seasonal declines in pulmonary function, especially in children; (3) asthma exacerbation and possibly induction; (4) adverse birth outcomes including low birth weight; (5) increased infant mortality; (6) increased respiratory symptoms in children such as cough and bronchitis; and (7) increased hospitalization for both cardiovascular and respiratory disease (including asthma). ¹

Air Quality Management

Because Santa Barbara County is designated nonattainment for the state O₃ and PM₁₀ standards, the SBCAPCD is required to implement strategies to reduce pollutant levels to achieve attainment of the NAAQS and CAAQS. The 2022 Ozone Plan is the current SBCAPCD Board-adopted air quality management plan for the County. The 2022 Ozone Plan incorporates and builds upon the prior Clean Air Plans and predominantly focuses on achieving attainment of the state O₃ standards, in addition to the federal O₃ standard. The 2022 Ozone Plan focuses on reducing O₃ precursor emissions through implementation of transportation control measures that serve to reduce mobile source emissions, which

are the primary source of ROC and nitrogen oxides emissions in the county (SBCAPCD 2022). The major sources of O₃ precursor emissions in Santa Barbara County, which includes the City of Santa Maria, are motor vehicles, the petroleum industry, and solvent usage (paints, consumer products and certain industrial processes). Sources of PM₁₀ include mineral quarries, grading, demolition, agricultural tilling, road dust, and vehicle exhaust (County of Santa Barbara 2021a).

Sensitive Receivers

Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved. CARB has identified the following typical groups who are most likely to be affected by air pollution: children under 14 years of age; elderly over 65 years of age; and people with cardiovascular and chronic respiratory diseases. Land uses typically associated with sensitive receivers include schools, parks, playgrounds, childcare centers, retirement homes, convalescent homes, hospitals, and clinics (CARB 2005). The nearest sensitive receptors are single-family homes approximately 2,170 feet north of the project site and single-family homes approximately 3,340 feet east of the project site.

Significance Thresholds

The City of Santa Maria and SBCAPCD have not adopted quantitative significance criteria for temporary construction emissions associated with conventional land development projects. However, SBCAPCD recommends quantification of construction-related emissions from construction activities and uses 25 tons per year for ROC and NO_x as a guideline for determining the significance of construction impacts. For other construction projects involving standard grading and building activities, SBCAPCD (2022) notes that consistency with the Air Quality Attainment Plan requires the implementation of mitigation measures to minimize dust generation. This analysis uses 25 tons per year as a significance threshold for construction-related emissions.

Long-term air quality impacts occur during project operation and include emissions from equipment or processes used in the project. These emissions must be summed to determine the significance of the project's long-term impact on air quality. Based on the criteria suggested by the SBCAPCD (2022) a project would not have a significant air quality effect on the environment if operation of the project would:

- Emit (from all project sources, mobile and stationary), less than the daily trigger (Currently 240 pounds per day for NO_x and ROC, 80 pounds per day for PM₁₀, and 240 pounds per day for attainment pollutants (except PM_{2.5} and carbon monoxide) for offsets set in the APCD New Source Review Rule, for any pollutant; and
- Emit less than 25 pounds per day of oxides of nitrogen (NO_x) or reactive organic compounds (ROC) from motor vehicle trips only; and
- Not cause or contribute to a violation of any California or National Ambient Air Quality Standard (except O₃); and
- Not exceed the APCD health risk public notification thresholds adopted by the APCD Board; and
- Be consistent with the adopted federal and state Air Quality Plans.

Methodology

An Air Quality and Greenhouse Gas Emissions Study was completed in August 2023 and was prepared for the proposed project by Rincon Consultants, Inc. The purpose of this analysis is to estimate the criteria pollutants that would be emitted by the proposed project and compare the estimate to the SBCAPCD air quality regulations. The complete analysis is attached in the initial study within the appendix (Appendix A).

Impact Discussion:

- a. Vehicle use, energy consumption, and associated air pollutant emissions are directly related to population and housing growth. A project may be inconsistent with the applicable air quality plan if it would result in population, housing, or employment growth that exceeds growth estimates included in the applicable air quality plan. Such growth would generate emissions not accounted for in the applicable air quality plan emissions budget. Therefore, projects need to be evaluated to determine whether they would generate population, housing, or employment growth and, if so, whether that growth would exceed the growth rates included in the applicable air quality plan. The most recent and applicable adopted air quality plan is the 2022 Ozone Plan. The 2022 Ozone Plan, prepared by the

SBCAPCD in December 2022, is the tenth triennial update to the initial state Air Quality Attainment Plan that was adopted by the SBCAPCD Board of Directors in 1991. The 2022 Ozone Plan describes the air quality setting for the Santa Barbara County region, including the regional climate and meteorology, current and projected air quality, and the regulatory framework for the management of air quality. To be determined to be consistent with the current air quality attainment plan (2022 Ozone Plan), the project's direct and indirect emissions must be accounted for in the growth assumptions in the 2022 Ozone Plan and the project must be consistent with the policies adopted in the 2022 Ozone Plan.

The Ozone Plan relies primarily on the land use and population projections provided by the Santa Barbara County Association of Governments (SBCAG) and CARB on-road emissions forecast as a basis for vehicle emission forecasting (SBCAPCD 2022). Populations that remain within the 2022 Ozone Plan and SBCAG forecasts are accounted for with regard to SBCAPCD emissions inventories. When population growth exceeds these forecasts, emission inventories could be surpassed, affecting attainment status. The project includes the GPZ to allow for the future development of up to 100,000 square-feet of manufacturing or industrial use permitted under the M-1 zoning. The proposed project is estimated to add approximately 38 new employees. Project employees would likely be drawn from the existing labor pool in the region who are not anticipated to relocate to the city. However, to demonstrate compliance with the 2022 Ozone Plan, the analysis conservatively assumes that all 38 new employees would become new households; therefore, based on the Department of Finance persons per household estimate in Santa Maria, the project would add 138 new residents. The addition of 138 residents and 38 employees to the City of Santa Maria would not exceed SBCAG's growth forecasts of population and jobs for the City (SBCAG 2019). Therefore, the project would not result in near-term increases in population that would exceed year 2025 population projections or exceed year 2035 projections and the project would be overall consistent with the growth assumptions in the 2022 Ozone Plan (the applicable air quality plan). Potential impacts would be *less than significant*.

Further, the development of the site would be required to comply with all SBCAPCD rules and regulations for construction and operation. The project would be consistent with the SCAPCD 2022 Ozone Plan and thus, would not obstruct its implementation. This impact would also be *less than significant*.

- b. The project would result in temporary construction emissions and long-term operational emissions, however none of the emissions would exceed SBCAPCD thresholds. Construction activities such as the use of construction vehicles and equipment over unpaved areas, grading, trenching, and disturbance of stockpiled soils have the potential to generate fugitive dust (PM₁₀) through the exposure of soil to wind erosion and dust being drawn into the air by turbulent air currents. Exhaust emissions associated with heavy construction equipment would potentially degrade regional air quality. Long-term emissions associated with operational impacts would include emissions from vehicle trips (mobile sources); natural gas use (energy sources); landscape maintenance equipment, consumer products, and architectural coating associated with on-site development (area sources); and forklifts (off-road sources). Air pollutant emissions associated with project construction and operation are discussed in the following subsections.

Construction Emissions.

Temporary air quality impacts generally occur during project construction. However, the SBCAPCD recommends lead agencies to use a 25 tons/year significance threshold for construction emissions of reactive organic gases (ROG) and oxides of nitrogen (NO_x; SBCAPCD 2017), as well as other criteria emissions with the exception of carbon monoxide. A comparison of estimated construction emissions and applicable SBCAPCD-recommended thresholds are provided in Table 5, below. Ozone precursors NO_x and ROG, as well as CO, would be emitted by the operation of construction equipment. Fugitive dust (PM₁₀) would be emitted by activities that disturb the soil, such as grading and excavation, and roadway and project construction. Project construction emissions were estimated using CalEEMod. For full modeling results refer to Appendix A.

Table 5. Estimated Annual Construction Emissions

Construction Year	Annual Emissions (tons per year)					
	ROC	NO _x	CO	SO ₂	PM ₁₀ ¹	PM _{2.5} ¹
2025	<1	1	1	<1	<1	<1
2026	1	1	1	<1	<1	<1
SBCAPCD Thresholds	25	25	N/A	N/A	N/A	N/A
Threshold Exceeded?	No	No	N/A	N/A	N/A	N/A
ROC = reactive organic compounds, NO _x = nitrogen oxides, CO = carbon monoxide, SO ₂ = sulfur dioxide, PM ₁₀ = particulate matter 10 microns in diameter or less, PM _{2.5} = particulate matter 2.5 microns or less in diameter ¹ Total PM ₁₀ fugitive dust and exhaust. Notes: All emissions modeling was completed using CalEEMod. See Appendix A for modeling results. Some numbers may not add up due to rounding. Emission data is pulled from "mitigated" results, which account for compliance with regulations (including SBCAPCD Rules 345, 323.1, and 329).						

As shown in

Table 5, annual emissions of all criteria pollutants would be below SBCAPCD's 25 tons per year threshold for the project construction. However, because the Santa Barbara County portion of the SCCAB is a nonattainment area for the state PM₁₀ standard, construction emissions control measures are required for all projects involving earthmoving activities regardless of size or duration. Therefore, Mitigation Measure AQ-1 has been identified to reduce construction emissions in accordance with local regulatory policies. *With the inclusion of this measure, impacts from construction emissions would be less than significant.*

Operational Emissions.

Operational emissions would include emissions associated with mobile sources (vehicle trips); energy sources (natural gas use); area sources (landscape maintenance equipment, consumer products, and architectural coating associated with on-site operational activities); and off-road sources (forklifts).

The emissions from project operations, assuming the conceptual development of 100,000 square-feet of an industrial or manufacturing use, were estimated using CalEEMod. Table 6 summarizes the operational emissions that would result from the project and compares the emissions with the SBCAPCD significance criteria for evaluating air emissions impacts.

Table 6. Estimated Average Daily Operational Emissions

Emissions Source	Maximum Daily Emissions (pounds per day)					
	ROC	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}
Area	3	<1	4	<1	<1	<1
Energy	<1	1<1	1<1	<1	<1	<1
Mobile	21	21	144	<1	31	1<1
Total	54	31	198	<1	31	1<1
Threshold (area + energy + mobile)	240	240	N/A	N/A	80	N/A
Threshold Exceeded?	No	No	N/A	N/A	No	N/A
Threshold (mobile only)	25	25	N/A	N/A	N/A	N/A
Threshold Exceeded?	No	No	N/A	N/A	N/A	N/A
ROC = reactive organic compounds, NO _x = nitrogen oxides, CO = carbon monoxide, SO ₂ = sulfur dioxide, PM ₁₀ = particulate matter 10 microns in diameter or less, PM _{2.5} = particulate matter 2.5 microns or less in diameter; lbs/day = pounds per day Notes: All emissions modeling was completed using CalEEMod. See Appendix A for modeling results. Some numbers may not add up due to rounding. Emission data is pulled from "mitigated" results, which account for compliance with regulations (including SBCAPCD Rule 323.1) and project design features. Emissions presented are the highest of the winter and summer modeled emissions.						

The project's operational emissions would not exceed SBCAPCD criteria for defining a significant air quality impact. Construction emissions would not exceed SBCAPCD thresholds for criteria pollutants and no mitigation is required. Operational emissions would not exceed SBCAPCD thresholds for a criteria pollutant and would comply with SBCAPCD criteria pollutant thresholds. The project would not result in individually or cumulatively significant impacts to air quality. This impact would be *less than significant*.

- c. Sensitive receptors are people that have an increased sensitivity to air pollution or environmental contaminants, such as the elderly, children, people with asthma or other respiratory illnesses, and others who are at a heightened risk of negative health outcomes due to exposure to air pollution. Some land uses are considered more sensitive to changes in air quality than others, due to the population that occupies the uses and the activities involved. Sensitive receptor locations include schools, parks and playgrounds, day care centers, nursing homes, hospitals, and residences.

The closest sensitive receptors to the project site are single-family residences approximately 2,170 feet north of the project site and single-family residences approximately 3,340 feet east of the project site. While the GPZ would not trigger any direct air pollutant emissions, future development of a manufacturing or industrial project would be enabled by the GPZ. That future project could indirectly lead to temporary air pollutant emissions during the construction phase in close proximity to sensitive receptors.

Construction-related activities would result in temporary project-generated emissions of Diesel Particulate Matter (DPM) exhaust emissions from off-road, heavy-duty diesel equipment for site preparation, grading, building construction, and other construction activities. CARB's Air Quality and Land Use Handbook: A Community Health Perspective (2005) recommends against siting sensitive receptors within 500 feet of a freeway, urban roads with 100,000 vehicles/day, or rural roads with 50,000 vehicles/day. While these siting distances are not particular to construction activities, the

primary source of Toxic Air Contaminants (TAC) emissions from both freeways and construction equipment is DPM. Therefore, for projects within 1,000 feet of sensitive receptors, a refined health risk assessment should be conducted. However, as the nearest receptors to the project site are 2,170 feet north and 3,340 feet east, construction TAC emissions would have a negligible impact on the closest sensitive receptors.

Heavy equipment performing construction activities would generate fugitive dust, resulting in substantial temporary impacts. Fugitive dust emissions would result from land clearing, excavation, and equipment traffic over temporary dirt roads. Impacts from fugitive dust emissions could be significant because they could adversely affect nearby sensitive receptors. The SBCAPCD requires dust control measures for all discretionary construction activities; therefore, the SBCAPCD's standard fugitive dust control measures have been incorporated as Mitigation Measure AQ-1 to reduce fugitive dust generated during construction and to require diesel-idling control measures during construction of the project to reduce emissions of NOx and ROC in proximity to sensitive receptors. Therefore, potential impacts associated with exposure of sensitive receptors to substantial air pollutant concentrations would be *less than significant with mitigation*.

- d. The proposed project includes a GPA and rezone to allow for the future development of land uses permitted under the proposed PD/M-1 zoning designation. Future development of the project site could generate odors from heavy diesel machinery, equipment, and/or materials during the construction phase. The generation of odors during the construction period would be temporary, consistent with odors commonly associated with construction, and would dissipate within a short distance from the active work area. The project would generate oil and diesel fuel odors during construction from equipment use. The odors would be limited to the construction period and would be intermittent and temporary. Furthermore, these odors would dissipate rapidly with distance from in-use construction equipment, and the nearest sensitive receptors to project development are located approximately 2,170 feet away from the project site. Accordingly, project construction would not result in other emissions, such as those leading to odors, that would adversely affect a substantial number of people, and impacts would be less than significant.

Potential sources that may emit odors during operation of the proposed project would include diesel fuel odor emissions from the delivery truck emissions. However, trucks would be required to comply with California Code of Regulations Title 13, Section 2485, which limits delivery truck idling times to five minutes or less. Limiting truck idling times would reduce the potential for nuisance odors associated with diesel exhaust emissions in the vicinity of the project site. Furthermore, the project would be required to comply with the requirements of SBCAPCD Rule 303, which prohibits the discharge of air contaminants or other material that would cause injury, detriment, nuisance or annoyance to any considerable number of persons. In addition, the nearest sensitive receptors are located approximately 2,170 feet north of the project site, and odors disperse rapidly with distance. Therefore, due to the distance of the nearest sensitive receptors from the project site and compliance with SBCAPCD Rule 303, project operation would not result in other emissions, such as those leading to odors, adversely affecting a substantial number of people, and impacts would be *less than significant*.

Mitigation Measure(s) incorporated into the project:

- AQ-1 Construction Emissions Control Measures.** The project applicant shall install the following air pollutant emissions control measures throughout the construction period:

Dust Control Measures

During construction, the applicant shall implement all of the applicable measures from the following list as standard dust control measures to avoid impacts associated with fugitive dust emissions:

- a. Use water trucks or sprinkler systems to keep all areas of vehicle movement damp enough to prevent dust from leaving the site and from exceeding the APCD's limit of 20% opacity for greater than 3 minutes in any 60-minute period. At a minimum, this should include wetting down such areas in the late morning and after work is completed for the day. Increased watering frequency should be required whenever the wind speed exceeds 15

mph. Reclaimed water should be used whenever possible. However, reclaimed water should not be used in or around crops for human consumption.

- b. Minimize amount of disturbed area and reduce on site vehicle speeds to 15 mph or less.
- c. If importation, exportation and stockpiling of fill material is involved, soil stockpiled for more than two days shall be covered, kept moist, or treated with soil binders to prevent dust

generation. Trucks transporting fill material to and from the site shall be tarped from the point of origin.

- d. Gravel pads shall be installed at all access points to prevent tracking of mud onto public roads.
- e. After clearing, grading, earth moving or excavation is completed, treat the disturbed area by watering, or revegetating, or by spreading soil binders until the area is paved or otherwise developed so that dust generation will not occur.
- f. Schedule clearing, grading, earthmoving, and excavation activities during periods of low wind speed to the extent feasible. During periods of high winds (>25 mph) clearing, grading, earthmoving, and excavation operations shall be minimized to prevent fugitive dust created by onsite operations from becoming a nuisance or hazard.
- g. The contractor or builder shall designate a person or persons to monitor the dust control program and to order increased watering, as necessary, to prevent transport of dust offsite. Their duties shall include holiday and weekend periods when work may not be in progress. The name and telephone number of such persons shall be provided to the APCD prior to land use clearance for map recordation and land use clearance for finish grading of the structure.

Equipment Emissions Control Measures

During project grading and construction, the applicant shall adhere to the following measures to reduce NO_x and PM_{2.5} emissions from construction equipment:

- a. All portable diesel-powered construction equipment shall be registered with the state's portable equipment registration program OR shall obtain an APCD permit.
- b. Fleet owners of mobile construction equipment are subject to the CARB Regulation for In-use Off-road Diesel Vehicles (Title 13 California Code of Regulations, Chapter 9, § 2449), the purpose of which is to reduce diesel PM and criteria pollutant emissions from in-use (existing) off-road diesel-fueled vehicles. For more information, please refer to the CARB website at www.arb.ca.gov/msprog/ordiesel/ordiesel.htm.
- c. All commercial diesel vehicles are subject to Title 13, § 2485 of the California Code of Regulations, limiting engine idling time. Idling of heavy-duty diesel construction equipment and trucks during loading and unloading shall be limited to five minutes; electric auxiliary power units should be used whenever possible.
- d. Diesel construction equipment meeting the CARB Tier 3 or higher emission standards for off-road heavy-duty diesel engines shall be used to the maximum extent feasible.
- e. Diesel powered equipment should be replaced by electric equipment whenever feasible.
- f. If feasible, diesel construction equipment shall be equipped with selective catalytic reduction systems, diesel oxidation catalysts and diesel particulate filters as certified and/or verified by EPA or California.
- g. Catalytic converters shall be installed on gasoline-powered equipment, if feasible.
- h. All construction equipment shall be maintained in tune per the manufacturer's specifications.
- i. The engine size of construction equipment shall be the minimum practical size.
- j. The number of construction equipment operating simultaneously shall be minimized through efficient management practices to ensure that the smallest practical number is operating at any one time.

Fugitive Dust Control

The project applicant shall comply with SBCAPCD's Rule 345: Control of Fugitive Dust from Construction and Demolition Activities including all applicable standards and measures therein.

Diesel-fired Engine Permits

All portable diesel-fired construction engines rated at 50 brake horsepower (bhp) or greater must have either statewide Portable Equipment Registration Program (PERP) certificates or SBCAPCD

permits prior to grading/building permit issuance. Construction engines with PERP certificates are exempt from SBCAPCD permit, provided they will be onsite for less than 12 months.

Permit to Operate

If contaminated soils are found at the project site, SBCAPCD must be contacted to determine if ATC and/or Permit to Operate permits shall be required. (SBCAPCD permits are required for all soil vapor extraction activities. SBCAPCD permits are also required for the excavation, or “dig-and-haul,” of more than 1,000 cubic yards of contaminated soils.)

Equipment Idling Requirements

At all times, idling of heavy-duty diesel trucks should be minimized; auxiliary power units should be used whenever possible. State law requires that:

- Drivers of diesel-fueled commercial vehicles shall not idle the vehicle's primary diesel engine for greater than five minutes at any location.
- Drivers of diesel-fueled commercial vehicles shall not idle a diesel-fueled auxiliary power system (APS) for more than five minutes to power a heater, air conditioner, or any ancillary equipment on the vehicle. Trucks with 2007 or newer model year engines must meet additional requirements (verified clean APS label required).
- See www.arb.ca.gov/noidle for more information.

Asphalt Paving Requirements

Asphalt paving activities shall comply with APCD Rule 329, Cutback and Emulsified Asphalt Paving Materials.

Effectiveness of Mitigation Measure: With implementation of Mitigation Measure AQ-1, potential impacts from air pollutant emissions and odors would be reduced and impacts would be *less than significant*.

4. BIOLOGICAL RESOURCES

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?		X		
b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?				X
c. Have a substantial adverse effect on state or federally protected wetlands (including, but not				X

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				
d. Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?			X	
e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?			X	
f. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?				X

Setting:

The project site is 6.95-acre and a portion of the site (approximately 0.42 Acres) is developed as a City water well pump facility and concrete pad yard. The site is otherwise vacant ruderal (disturbed) herbaceous vegetation with seven small non-native pine trees located along its southern boundary, and scattered coyote brush shrubs and fan palms. No wetlands or other waters of the U.S./State or riparian habitat occurs on the project site. The site is bounded on the north, west and south perimeters by existing Santa Barbara County (County) flood control channels that flow into the east to west trending "Green Canyon" drainage. Open Space zoned Airport property is beyond to the west under annual crop agricultural use. The project site is abutted by 'A' Street, urban industrial development to the east and north. The General Plan Resources Management Element identifies sensitive habitats within the City boundaries including Central Coast Riparian Scrub and the Coastal and Valley Freshwater Marsh. Based on Figure RME-3 of the Resources Management Element, the project site is located within close proximity of these designated habitat areas. According to the National Wetlands Inventory from the U.S. Fish & Wildlife Services, the project side is adjacent to freshwater emergent wetland and riverine area.

Discussion:

- a. David Wolff Environmental (DWE) conducted the review of available background data including City environmental review of nearby projects, and a biological and botanical field survey on the project site on August 28, 2023 as part of the Biological Resources Assessment (Appendix B). The purpose of the field survey and this biological resources assessment is to document the existing conditions of the project site, determine the presence/absence of suitable habitat for rare plant or wildlife species, and to evaluate the potential for any direct or indirect significant impacts on biological or wetland resources, or adverse effects on any rare, threatened, or endangered plant or wildlife species (special-status species). The search and review of the California Natural Diversity Database (CNDDB) revealed 19 special-status species composed of six special-status plants, 12 special-status wildlife species, and one natural community of special concern with recorded occurrences in the region of the proposed project site. A field survey conducted on the Project site established existing conditions of the proposed project site as disturbed/developed ruderal habitat. This biological resources assessment concludes the site does not support suitable habitat for any special-status plant or wildlife species or the potential to occur, or any significant biological resources within the project site.

Special-Status Botanical Resources

The search and review of the CNDDDB identified six special-status plant species with recorded occurrences within an approximately five-mile radius of the project site. None have been recorded on the project site. The La Graciosa thistle (*Cirsium scariosum* var. *loncholepis*), a state threatened, federally endangered, and California Rare Plant Rank 1B.1 species, is a wetland species. No wetlands occur along the project site. Five upland special-status plant species (none formally listed) known from the region were identified in the CNDDDB search that includes the black-flowered figwort (*Scrophularia atrata*; CNPS Rank 1B.2), Blochman's leafy daisy (*Erigeron blochmaniae*; CNPS Rank 1B.2), dune larkspur (*Delphinium parryi* ssp. *blochmaniae*; CNPS Rank 1B.2), Kellogg's horkelia (*Horkelia cuneata* var. *sericea*; CNPS Rank 1B.2), and San Luis Obispo monardella (*Monardella undulata* ssp. *crispa*; CNPS Rank 1B.2). The prior golf course use and regular discing/mowing weed control make the project site unsuitable for these species and they are not expected to occur at the site.

The CNDDDB identified one natural community of special concern, Southern Vernal Pool, within a five-mile radius of the project site. No vernal pools occur on the project site. Based on the findings from database review and the DWE field survey, no designated critical habitat occurs over the project site, and no impacts to special-status botanical resources or natural communities of special concern would result from the proposed project.

Special-Status Wildlife

The search and review of the CNDDDB identified 12 special-status wildlife species with recorded observations within a five-mile radius of the project site. Only the California red-legged frog (CRLF; *Rana draytonii*), a federally threatened species and California Species of Special Concern (SSC), has recorded observations within the County flood control ditches near the project site. In the past, two of the former golf course ponds supported CRLF on the site that is now the adjacent FedEx facility. One of the former golf course ponds at the intersection of 'A' Street and Fairway Drive has been retained with site development as mitigation for CRLF habitat (See Figure 2). Current CRLF use in this pond is undetermined.

The CRLF is a highly aquatic species associated with perennial aquatic habitat for almost its entire lifecycle. The CRLF is known for overland movements between breeding sites during rain or heavy moisture (fog) events. The County flood control ditches have highly variable flows subject to duration and frequency of rainfall events, and at times could support suitable aquatic habitat for breeding and movement upstream and downstream through the ditches. This species may be present within the offsite drainages when water is present, and potentially in the retained mitigation golf course pond adjacent to the FedEx site. The project site lacks suitable upland refuge habitat with vegetation cover limited to herbaceous grassland habitat. No moist refuge such as riparian habitat or downed woody debris occurs on the project site suggesting only the limited probability of overland movements during or immediately after rainstorms. No loss of CRLF habitat would result from project development of the site. No designated critical habitat occurs over the project site, so none would be affected. Potential impacts to this species would occur if individuals were present during construction and were exposed to vehicle and heavy equipment traffic. Mitigation Measure BIO-1 would be required to reduce impacts to CRLF to less than significant. Therefore, the potential for the project to result in impacts to candidate, sensitive or special status plants on site or habitat modifications would be *less than significant with mitigation*.

The project site existing conditions and proximity to USFWS identified known and potential breeding pond data were assessed for the potential of the site to support breeding or upland dispersal for the California tiger salamander (*Ambystoma californiense*; CTS), a federally listed endangered and state threatened species. The CTS is a lowland species that breeds in temporary pools with sufficient duration for metamorphosis (greater than 90-days) and seeks upland refuge (before/after aquatic breeding and metamorphosis, etc.) in small mammal burrows during most of its lifecycle. They can be found primarily in grasslands and low foothill and oak woodland habitats within a USFWS predicted maximum upland habitat dispersal of 1.3 miles from a breeding pond. CTS breed in long-lasting rain pools (e.g., seasonal ponds, vernal pools, rarely in slow-moving streams), and occasionally in permanent ponds lacking fish or other large predators. During the nonbreeding season and most of their lifecycle, adults and juveniles (up to five years for breeding maturity) occur in upland habitats and occupy ground squirrel (*Otospermophilus beecheyi*) or pocket gopher (*Thomomys bottae*) burrows.

They migrate nocturnally to aquatic sites to breed during relatively warm winter or spring rains. Juveniles emigrate at night from the drying pools to upland refuge sites, such as rodent burrows and cracks in the soil.

No known CTS breeding pools have been documented within the USFWS maximum predicted 1.3-mile CTS upland dispersal distance from the project site. However, two potential breeding pools, SAMA-11 and SAMA-12 have been identified by the USFWS approximately 1.2 miles and 0.72 mile respectively to the southwest of the project site (See Figure 1 in Appendix B). The intervening active agricultural fields are an impediment to CTS movement with the agricultural irrigation ditches, flood control ditches, and "Green Canyon" drainage representing positive barriers to CTS movement to the project site. As such, the project site does not represent suitable upland dispersal/refuge habitat, and no breeding habitat for the CTS occurs on the project site. Therefore, there would be no impact to this species from future development following the rezoning of the project site.

The offsite willow riparian habitat along "Green Canyon" and the County flood control ditches when flowing could provide suitable habitat to support the western pond turtle (*Emys marmorata*) that is a highly aquatic species. Upland movement into the mowed/disc'd project area and developed urban land uses is unlikely. The western spadefoot (*Spea hammondi*) is a toad that requires temporary pools for breeding and uplands for dry season refuge. No suitable breeding pools are within the project area or surrounding areas so this species would not be expected to occur. Similarly, no suitable seasonally ponded habitat occurs for the vernal pool fairy shrimp (*Branchinecta lynchi*).

The previous golf course use, lack of shrub cover, and discing/mowing weed control renders the site as unsuitable for the northern legless lizard (*Anniella pulchra*), Blainville's (coast) horned lizard (*Phrynosoma blainvillii*), American badger (*Taxidea taxus*), and burrowing owl (*Athene cunicularia*), all designated as species of special concern. No evidence of badger dens were observed during the DWE field survey. The Lompoc grasshopper (*Trimerotropis occulens*) requires gravelly/rocky undisturbed habitat, and the monarch butterfly (*Danaus plexippus*) requires stands of trees neither of which occur on the project site. The peregrine falcon (*Falco peregrinus*) is a coastal species not expected to use the small urbanized inland site for foraging as no nesting habitat occurs onsite or nearby in the agricultural and urban landscape.

Nesting Birds

Potential but very low quality nesting habitat for ground nesting birds protected under the Migratory Bird Treaty Act (MBTA) and the California Fish and Game Code (CFG Code Sections 3503/3503.5) occurs in the ruderal grassland habitat on the project site. Project construction may result in direct impacts to nesting bird species, should active nests be present at the time of vegetation clearance. In addition, potentially suitable nesting habitat for a wide range of birds exists within 500 feet of the site. No direct impacts to nesting birds or their habitat outside of the site are expected. Potential impacts to nesting birds could occur only if individuals were to be present during construction and be exposed to potential disruption of nesting activities from construction activities. The project would involve removal of existing trees on the site. In addition, disturbance from project demolition and construction activities may affect protected nesting birds in existing trees near the site. Mitigation Measure BIO-2 would be required to reduce impacts to nesting birds to less than significant. Therefore, the potential for the project to result in impacts to candidate, sensitive or special status plants on site or habitat modifications would be *less than significant with mitigation*.

- b, c. The project site is graded and regularly cleared of vegetation. According to the USFWS National Wetlands Inventory (Wetlands Mapper), the project site does not contain riparian habitat, state or federally protected wetlands, or any other sensitive natural community (USFWS 2018b). Additionally, the Biological Resources Assessment completed by David Wolff environmental, LLC for the project determined that no wetlands or other waters of the U.S./State or riparian habitat occurs on the project site. Therefore, implementation of the proposed project would have *no impact* on riparian habitat, other sensitive natural communities, or state or federally protected wetlands.
- d. The project area does not support any surface water resources, migratory corridors, or nursery sites. As discussed in the Biological Resources Assessment completed by David Wolff environmental, LLC for the project, the project site is developed/ruderal non-native grassland habitat that is disc'd/mowed annually provides minimal quality wildlife habitat likely only for locally common wildlife species that have become adapted to the urban edge. The developed/ruderal habitat on the project site does not

support a significant amount of wildlife habitat, and does not represent any movement corridor for wildlife as it is abutted to 'A' Street and the urban land uses to the north and east. The site was previously a golf course of managed turfgrass that has returned to the ruderal uplands disced/mowed that reduces habitat value for wildlife. Only evidence of gophers and ground squirrels were observed on the project site. A row of non-native pine trees exist at the southern boundary of the site. There are no wildlife movement corridors across the site that is surrounded by agricultural lands and abutted to urban development. The network of nearby County flood control ditches may provide wildlife dispersal and migration corridors for a variety of local wildlife species adapted to the agricultural/urban setting (i.e., raccoons, opossum, skunk). However, as noted above, no ditches are on the project site and no project activities are proposed within the highly maintained ditches. This site does not contain any features which would provide a native wildlife nursery site that would attract animals or other migratory species. Implementation of the proposed project would not significantly restrict the movement of any native resident or migratory fish or wildlife species, or established native resident or migratory wildlife corridors, or the use of native wildlife nursery sites. Therefore, implementation of the proposed project would have *a less than significant impact* to the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors or impede the use of native wildlife nursery sites.

- e. The graded and regularly cleared project site does not contain suitable habitat for protected biological resources as discussed in section a. above. A future industrial or manufacturing project that would be enabled at the site by the proposed GPZ would be designed to preserve the trees. If preservation is infeasible, the trees shall be replaced according to the City's Landscape Ordinance requirements listed in Section 12-44.04 (n)The project would not conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance. Therefore, implementation of the project would have *a less than significant impact*.
- f. There are no habitat conservation plans, natural community conservation plans, or other approved local, regional, or state habitat conservation plans applicable to the project site. The project would comply with the City's General Plan and local ordinances pertaining to the protection of biological resources. *Therefore, no impacts would occur.*

Mitigation Measure(s) incorporated into the project:

The following mitigation measure would be required to avoid potential impacts to nesting birds as a result of the project.

BIO-1: California Red-legged Frog Impact Avoidance

The following actions are recommended to avoid potential impacts to CRLF:

- A pre-construction survey of the proposed project site for CRLF shall be conducted by a qualified biologist within 48 hours prior to the start of project construction to confirm this species is not present in the work area.
- A qualified biological monitor familiar with CRLF will monitor all initial site disturbance (clearing, grubbing, rough grading).
- In the event the pre-construction survey or the onsite monitor identifies the presence of individuals of CRLF prior to or during construction, then all work shall stop until the CRLF leave the site of their own accord. If CRLF do not move off site on their own, the project proponent shall comply with all relevant requirements of take authorization under the federal Endangered Species Act prior to resuming project activities.

BIO-2: Nesting Birds Impact Avoidance and Minimization

The following actions are recommended to avoid potential impacts to nesting birds:

- A nesting bird survey should be conducted by a qualified biologist no more than two weeks prior to the onset of construction activities. The nesting bird survey should be conducted within any and all suitable habitat that occurs within the project site, within 300 feet of its immediate vicinity for raptors, and 100 feet for all other bird species (as is feasible). If no active nests are found, no further mitigation would be required.

- If active bird nests are found, then an appropriately-sized avoidance buffer should be established by the biologist and all construction work within the buffer should be delayed until after the nesting season has ended or until the biologist has determined that the adults and young are no longer reliant on the nest site for survival.
- Limits of construction to avoid the nest shall be established in the field with flagging and stakes or construction fencing. Construction personnel shall be instructed on the sensitivity of the area.

Effectiveness of Mitigation Measures: With implementation of Mitigation Measures BIO-1 and BIO-2, potential impacts to biological resources would be avoided and impacts would be less than significant.

5. CULTURAL RESOURCES

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?			X	
b. Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?		X		
c. Disturb any human remains, including those interred outside of formal cemeteries?		X		

Setting:

The Santa Maria Valley was historically occupied by Chumash people until European contact in the mid-eighteenth century. Areas within close proximity to perennial water sources tend to have higher archeological sensitivity; the project site is not located within close proximity to any blue-line streams or bodies of water. According to the General Plan Resources Management Element, the project site is located in an area designated to have low sensitivity for archeological resources.

The establishment of Mission San Luis Obispo to the north and Mission La Purisima Concepción near the city of Lompoc was the beginning of development and settlement in the Santa Maria area. Industrialization and the connection of the Pacific Coast Railroad to Santa Maria further stimulated commercial and residential growth in the area. Historical resources in Santa Maria consist of several landmarks and structures. The City has officially designated 10 historic structures and landmarks, with additional sites designated by the Landmark Committee, none of which are located on-site.

Discussion:

- The project site does not contain, nor is it located near, any historic resources identified in the National Register of Historic Places (NRHP) or California Register of Historic Resources (CRHR). The project site is not identified on the City's Landmark Map or on the City's Objects of Historic Merit Map; therefore, potential impacts to historical resources would be *less than significant*.
- According to the Resources Management Element, the Santa Maria Valley is not a major archaeological or paleontological resource area, as only a few sites have been recorded or discovered in the area. The Resources Management Element delineates high, moderate, low, and negligible archaeological sensitivity areas within the city; the project site is designated as Archaeological

Sensitivity Area 2 – Low Sensitivity. Nevertheless, ground disturbance associated with construction activities of a future manufacturing or industrial project enabled by the GPZ could have the potential to result in inadvertent disturbance of previously unknown, buried archeological deposits. Impacts are conservatively considered to be potentially significant. Implementation of Mitigation Measure CR-1, identified below, would ensure potential impacts are avoided and/or minimized; therefore, impacts would be *less than significant with mitigation*.

- c. Based on the location and low sensitivity of the project area, development of the project site from construction activities related to a future manufacturing or industrial project enabled by the GPZ would not be expected to disturb buried human remains. In the event of an accidental discovery or recognition of any human remains associated with development of the future project, California State Health and Safety Code Section 7050.5 stipulates that no further disturbances shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to CEQA regulations and PRC Section 5097.98. With adherence to State Health and Safety Code Section 7050.5, which stipulates the process to be followed when human remains are encountered, as detailed in Mitigation Measure CR-2, impacts related to the disturbance of archaeological resources and human remains would be reduced to less than significant; therefore, potential impacts are *less than significant with mitigation*.

Mitigation Measure(s) incorporated into the project:

CR-1 Inadvertent Discovery of Archaeological Resources. In the event that any cultural resource is encountered during subsurface earthwork activities associated with development of the project site, all construction activities within a 100-foot radius of the find shall cease and the City shall be notified immediately. Work shall not continue until a qualified archaeologist, in conjunction with locally affiliated Native American representative(s) as necessary, determines whether the uncovered resource requires further study. Any previously unidentified resources found during construction shall be recorded on appropriate California Department of Parks and Recreation (DPR) 523 Series forms and evaluated for significance in terms of CEQA criteria by a qualified archaeologist. Potentially significant cultural resources consist of, but are not limited to, stone, bone, glass, ceramic, wood, or shell artifacts; fossils; or features including hearths, structural remains, or historic dumpsites.

If the resource is determined significant under CEQA, the qualified archaeologist shall prepare and implement a research design and archaeological data recovery plan, in conjunction with locally affiliated Native American representative(s) as necessary that will capture those categories of data for which the site is significant. The archaeologist shall also perform appropriate technical analysis, prepare a comprehensive report, and file it with the Central Coast Information Center, located at the University of California, Santa Barbara, and provide for the permanent curation of the recovered materials. These actions would reduce impacts to a less than significant level.

CR-2 Inadvertent Discovery of Human Remains. In the event that human remains are exposed during subsurface earthwork activities associated with development of the project, an immediate halt work order shall be issued, and the City Community Development Department shall be notified. State Health and Safety Code Section 7050.5 requires that no further disturbance of the site or any nearby area reasonably suspected to overlie adjacent human remains shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to PRC Section 5097.98. If the remains are determined to be of Native American descent, the coroner shall notify the Native American Heritage Commission (NAHC) within 24 hours. These protocols shall be detailed on project grading and construction plans for all development on-site. These actions would reduce impacts to a less than significant level.

Effectiveness of Mitigation Measures: With implementation of Mitigation Measures CR-1 and CR-2, potential impacts to archaeological resources and undiscovered buried human remains would be avoided and impacts would be less than significant.

6. ENERGY

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?			X	
b. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?			X	

Setting:

In January 2021, Santa Maria customers began to receive their electricity from Central Coast Community Energy (3CE; previously known as Monterey Bay Community Power [MBCP]), which is a community choice energy agency that has committed to providing its customers with 100% carbon-free sourced energy by 2030. Community choice energy agencies allow local governments to procure power on behalf of their residents, businesses, and municipal accounts from an alternative supplier while still receiving transmission and distribution service from their existing utility provider (in this case, the Pacific Gas and Electric Company [PG&E]). Per Public Utilities Code Section 366.2, customers have the right to opt out of the community choice energy program and continue to receive service from the incumbent utility (PG&E) if they so choose (City of Santa Maria 2020a). Southern California Gas Company (SoCalGas) is the primary provider of natural gas for development within the city. SoCalGas has committed to replacing 20% of its traditional natural gas supply with renewable natural gas by 2030 (Sempra Energy 2022). Renewable natural gas is generated from waste and agricultural byproducts and is carbon-neutral/carbon-negative, which means it can take more greenhouse gas emissions out of the atmosphere than it emits as an energy source.

The California Building Code (CBC) contains standards that regulate the method of use, properties, performance, or types of materials used in the construction, alteration, improvement, repair, or rehabilitation of a building or other improvement to real property. The CBC includes mandatory green building standards for residential and nonresidential structures, the most recent version of which are referred to as the 2022 Building Energy Efficiency Standards (effective January 1, 2023). These standards focus on four key areas: smart residential photovoltaic systems, updated thermal envelope standards (preventing heat transfer from the interior to the exterior and vice versa), residential and nonresidential ventilation requirements, and non-residential lighting requirements.

The General Plan Resources Management Element includes goals for achieving increased energy conservation use within the city through increasing the energy efficiency of buildings, appliances, and buildings, as well as encouragement for development and the use of alternative forms of energy. Current measures applied in the city include energy-conserving building standards, recycling, and transportation system improvements. The Resources Management Element also identifies energy conservation policies, including encouraging the use of innovative site and building orientation and landscaping to maximize energy efficiency, fuel efficiency standards, and encouraging development of alternative energy sources.

Discussion:

- a. The project includes the GPZ to allow for a future manufacturing or industrial project and would not result in any immediate energy use. During construction of a future project, fossil fuels, electricity, and natural gas would be used by construction vehicles and equipment. The energy consumed during construction would be temporary in nature and would be typical of other similar construction activities in the county. Federal and state regulations in place require fuel-efficient equipment and vehicles and prohibit wasteful activities, such as diesel idling.

The future manufacturing or industrial project would be required to be designed and constructed in compliance with the CBC, which requires that the project achieves high energy efficiency, including, but not limited to, use of low-flow, energy-efficient appliances, light emitting diode (LED) lighting, insulation and building material standards, etc. Development on the site would rely on local electricity service provider 3CE, which would provide a 100% carbon-free energy mix by 2030, unless they choose to opt-out and be served by PG&E, which provides 50% renewable energy and 89% greenhouse gas (GHG)-free energy (Pacific Gas and Electric Company 2023). Development on the site would rely on SoCalGas as a service provider for natural gas, which is committed to replacing 20% of its traditional natural gas supply with renewable natural gas by 2030. Therefore, the future development project would not result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources and impacts would be *less than significant*.

- b. Development on the project site to establish a future manufacturing or industrial project enabled by the GPZ will be required to be designed in full compliance with the CBC, including applicable green building standards. The proposed GPZ would not allow for the development of a project that could potentially result in a conflict with a state or local plan for renewable energy or energy efficiency; therefore, impacts would be *less than significant*.

Mitigation Measure(s) incorporated into the project:

Implementation of the proposed project would not result in potentially significant impacts related to energy; therefore, mitigation is not necessary.

7. GEOLOGY AND SOILS

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.			X	
ii. Strong seismic ground shaking?			X	
iii. Seismic-related ground failure, including liquefaction?			X	
iv. Landslides?			X	
b. Result in substantial soil erosion or the loss of topsoil?			X	

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
c. Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?			X	
d. Be located on expansive soil, as defined in Table 18-1-B of the most recent Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?			X	
e. Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?				X
f. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?		X		

Setting:

The proposed project is located within the Santa Maria Valley, an east–west trending alluvial valley bounded to the north by the San Rafael Range and to the south by the Casmalia Range and the Solomon Hills. The Santa Maria River traverses the valley from east to west, emptying into the Pacific Ocean just west of the town of Guadalupe. The Santa Maria River is formed by the convergence of the Cuyama and the Sisquoc Rivers at Fugler Point near Garey.

The Santa Maria basin is a significant hydrocarbon-producing (i.e., oil and gas) coastal (and off-shore) basin in California. The basin lies at the juncture between the north–west-trending southern Coast Range province and the east–west-trending Transverse Range province. The basin contains a relatively thick Miocene through Holocene age sequence of sedimentary rocks, some of which are prolific petroleum producing formations and others that are highly productive groundwater aquifers.

The Santa Maria Valley is located within a structural fold and thrust fault area; the axes of most of the structural elements in the region run northwest–southeast, parallel to the valley. The Santa Maria basin and adjacent southern Coast Ranges have been subjected to considerable uplift during the last 2 to 5 million years and are considered to be seismically active. Relatively little direct evidence of active faulting (such as offset of bedding or structures observed at a surface fault) has been observed in the region; however, broad bands of seismicity unrelated to surface faults and other evidence indicate the region is seismically active.

According to the City of Santa Maria General Plan Safety Element, several active, potentially active, and inactive faults exist within the basin and region, and generally trend north–west. The major faults include the Santa Maria, Santa Maria River, and Casmalia Faults. None of these faults qualify for Earthquake Fault Zone status as identified by the State Geologist under the Alquist-Priolo Earthquake Fault Zones Act.

Based on the U.S. Department of Agriculture Natural Resources Conservation Service (NRCS) Web Soil Survey (NRCS 2023), the project site is underlain by the following soil type:

- **Narlon sand hardpan variant, 2 to 9 percent slopes.** Narlon soils are light brownish gray and pale brown, medium and strongly acid, loamy sand.

Discussion:

- a.
 - i. Several active and potentially active faults exist within the region, including the Santa Maria and Casmalia Faults, located approximately 2.5 miles and 4.0 miles away from the project site, respectively. However, based on the Alquist-Priolo Earthquake Fault Zone Maps and information available from the DOC, the city is not located within an identified Alquist-Priolo Earthquake Hazard Zone. Future development within the project site is subject to standard construction standards and the CBC to ensure buildings are constructed to withstand the magnitude of earthquakes that could potentially occur in that zone; therefore, potential impacts would be *less than significant*.
 - ii. Seismic ground shaking is influenced by the proximity of the site to an earthquake fault, the intensity of the seismic event, and the underlying soil composition. The DOC Probabilistic Seismic Hazard Maps indicate that the entire Santa Maria Valley is located in a lower hazard area. Potential effects of seismic ground shaking on the future development of a manufacturing or industrial building enabled by the GPZ would be minimized through the implementation of the seismic requirements specified by the CBC and applicable City standards for earthquake-resistant construction; therefore, potential impacts would be *less than significant*.
 - iii. According to the City's General Plan Safety Element, the project site does contain shallow perched groundwater. Development within the project site enabled by the proposed GPZ would be required to comply with CBC requirements and the City's building regulations to reduce risk associated with seismic-related ground failure, including liquefaction; therefore, potential impacts related to liquefaction *would be less than significant*.
 - iv. According to the City's General Plan Safety Element, the project site is not located within an area where landslide movements are anticipated to occur. The project site is generally flat and is not located near slopes that would be susceptible to landslides; therefore, the potential for impacts related to landslides would be *less than significant*.
- b. According to the Natural Resource Conservation Service's Web Soil Survey, the primary soil type underlying the project site is Narlon sand hardpan variant, 2 to 9 percent slopes. A future construction phase activity enabled by the GPZ project may result in wind and water driven soil erosion and loss of topsoil if soil is stockpiled or exposed. Future development of the project site would be subject to the City's Landscape and Irrigation Standards to provide soil erosion control on-site. The future development would require preparation of a Storm Water Pollution Prevention Plan (SWPPP), which would be administered through project construction. The SWPPP would be required to incorporate Best Management Practices (BMPs) to ensure that potential water quality impacts during construction from soil erosion would be reduced to *less than significant levels*. Therefore, impacts related to soil erosion and loss of topsoil would be *less than significant*.
- c. The following analysis is based on the Safety Element in the City's General Plan (1995):

Liquefaction or collapse: The soil conditions present at the project site are not susceptible to liquefaction if substantial ground shaking events were to occur. Standard construction techniques would be employed during construction of a future project enabled by the GPZ to ensure no significant risk to human life would occur; therefore, impacts related to liquefaction would be *less than significant*.

Landslide: Landslides typically occur in areas with steep slopes or containing escarpments. Based on the Alquist-Priolo Earthquake Fault Zone Maps and related information available from the DOC, Santa Maria is not located within a designated landslide hazard zone. According to the Safety Element, the project site is not located within an area where landslide movements are anticipated to occur; therefore, the potential for impacts related to landslides would be *less than significant*.

Lateral Spreading: The project site is not located within an area known to contain expansive soils. Additionally, all future building development enabled by the GPZ would be required to comply with the most recent CBC requirements, which would ensure protection of structures and occupants from seismic hazards, such as expansive soils; therefore, impacts related to seismic soils would be *less than significant*.

Subsidence: Santa Maria area has not had significant subsidence issues despite historical oil drilling in the area. Although subsidence could occur, it is perceived to be an insignificant risk due to the absence of reported incidences (City of Santa Maria 1995); therefore, impacts related to subsidence would be *less than significant*.

- d. According to the Safety Element, the project site is not located within an area known to contain expansive soils. Additionally, all future development enabled by the GPZ would be required to comply with the most recent CBC requirements, which would ensure protection of structures and occupants from geologic hazards, such as expansive soils; therefore, impacts related to seismic soils would be *less than significant*.
- e. The proposed future development project enabled by the GPZ would include installation of a new service connection to existing City's wastewater treatment facilities and would not include the use of septic tanks or alternative wastewater disposal systems; therefore, *no impacts would result from the use of an onsite septic system*.
- f. While there are no unique geologic features on the project site, the site is underlain by Older Alluvium, which is considered to have high sensitivity for paleontological resources (Diblee 1994; U.S. Department of Transportation [DOT] 2004). Fossils that have been historically encountered in formations of this age include tidepool and rock-cliff mollusks and barnacles in marine deposits (Woodring et al. 1950). Based on the sensitivity of the underlying geologic formation, future development on-site enabled by the GPZ may have the potential to disturb previously unknown paleontological resources. Mitigation measure GEO-1 has been included to address inadvertent discovery protocol in order to reduce potential impacts to paleontological resources to less than significant; therefore, potential impacts are *less than significant with mitigation*.

Mitigation Measure(s) incorporated into the project:

GEO-1 Inadvertent Discovery of Paleontological Resources. Should any vertebrate fossils or potentially significant finds (e.g., numerous well-preserved invertebrate or plant fossils) be encountered during work on-site, all activities in the immediate vicinity of the find shall cease until a qualified paleontologist evaluates the find for its scientific value. If deemed significant, the paleontological resource(s) shall be salvaged and deposited in an accredited and permanent scientific institution where they will be properly curated and preserved. These actions would reduce impacts to a less than significant level.

Effectiveness of Mitigation Measures: With implementation of Mitigation Measure GEO-1 potential impacts to paleontological resources would be avoided and impacts would be less than significant.

8. GREENHOUSE GAS EMISSIONS

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?			X	
b. Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?			X	

Setting:

Regulatory Framework:

In response to climate change, California implemented Assembly Bill (AB) 32, the “California Global Warming Solutions Act of 2006.” AB 32 required the reduction of statewide GHG emissions to 1990 emissions levels (essentially a 15% reduction below 2005 emission levels) by 2020 and the adoption of rules and regulations to achieve the maximum technologically feasible and cost-effective GHG emissions reductions. On September 8, 2016, the Governor signed Senate Bill (SB) 32 into law, extending AB 32 by requiring the State to further reduce GHG emissions to 40% below 1990 levels by 2030 (the other provisions of AB 32 remain unchanged). On December 14, 2017, the CARB adopted the 2017 Scoping Plan, which provides a framework for achieving the 2030 target. The 2017 Scoping Plan relies on the continuation and expansion of existing policies and regulations, such as the Cap-and-Trade Program and the Low Carbon Fuel Standard, and implementation of recently adopted policies and legislation, such as SB 1383 (aimed at reducing short-lived climate pollutants including methane, hydrofluorocarbon gases, and anthropogenic black carbon) and SB 100 (discussed further below). The 2017 Scoping Plan also puts an increased emphasis on innovation, adoption of existing technology, and strategic investment to support its strategies. As with the 2013 Scoping Plan Update, the 2017 Scoping Plan does not provide project-level thresholds for land use development. Instead, it recommends local governments adopt policies and locally-appropriate quantitative thresholds consistent with a statewide per capita goal of six metric tons (MT) of CO₂e by 2030 and two MT of CO₂e by 2050 (CARB 2017).

2022 Update to the Climate Change Scoping Plan

The 2022 Update assesses the progress California is making toward reducing its GHG emissions by at least 40 percent below 1990 levels by 2030, as called for in SB 32 and laid out in the 2017 Scoping Plan, addresses recent legislation and direction from Governor Newsom, extends and expands upon these earlier plans, and implements a target of reducing anthropogenic emissions to 85 percent below 1990 levels by 2045, as well as taking an additional step of adding carbon neutrality as a science-based guide for California’s climate work. As stated in the 2022 Update.

Other relevant state laws and regulations include:

- **SB 375:** The Sustainable Communities and Climate Protection Act of 2008 (SB 375), signed in August 2008, enhances the state’s ability to reach AB 32 goals by directing the CARB to develop regional GHG emission reduction targets to be achieved from passenger vehicles by 2020 and 2035. Metropolitan Planning Organizations are required to adopt a Sustainable Communities Strategy (SCS), which allocates land uses in the Metropolitan Planning Organization’s Regional Transportation Plan (RTP). On March 22, 2018, CARB adopted updated regional targets for reducing GHG emissions from 2005 levels by 2020 and 2035.
- **SB 100:** Adopted on September 10, 2018, SB 100 supports the reduction of GHG emissions from the electricity sector by accelerating the state’s Renewables Portfolio Standard Program. SB 100 requires electricity providers to increase procurement from eligible renewable energy resources to 33% of total retail sales by 2020, 60% by 2030, and 100% by 2045.
- **California Building Standards Code (California Code of Regulations Title 24):** The California Building Standards Code (CBC) consists of a compilation of several distinct standards and codes related to building construction including plumbing, electrical, interior acoustics, energy efficiency, and handicap accessibility for persons with physical and sensory disabilities. The current iteration of the CBC is the 2022 Title 24 standards. Part 6 of the CBC is the Building Energy Efficiency Standards, which establishes energy efficiency standards for residential and non-residential buildings in order to reduce California’s energy demand. Part 11 of the CBC is the CALGreen, which includes mandatory minimum environmental performance standards for all ground-up new construction of residential and non-residential structures.

SBCAG 2050 RTP/SCS

SBCAG adopted its 2050 RTP/SCS (titled Connected 2050) in August 2021. This plan shows how the region will achieve the required SB 375 targets and demonstrates the co-benefits of reducing criteria pollutants. The 2050 RTP/SCS explores the region’s land use and travel patterns, accounts for the demographic growth that will force new demands on both and presents a vision for how they can work together to satisfy the goals

important to the region while also meeting the State's greenhouse gas reduction targets. The 2050 RTP/SCS preferred scenario is a Transit-Oriented Development (TOD)/Infill plan in that it strives to accommodate future growth within existing urban areas along transit corridors. The intent of these proposed changes is to shorten trip distances and reduce vehicle miles traveled and emissions by; directly addressing regional jobs/housing imbalance by providing more housing on the jobs-rich South Coast and more jobs in the North County; and promoting more trips, both local and inter-city, by alternative transportation modes, including by foot, bike, or transit. The 2050 RTP/SCS meets and exceeds the California Air Resources Board -17 percent per capita targets for reduction of GHG emissions from passenger vehicles for target year 2035 (SBCAG 2021).

Methodology:

Rincon Consultants, Inc. completed a greenhouse gas emissions study in August 2023 for the project which is attached to this document as Appendix A. The purpose of this analysis is to estimate the estimating greenhouse gas emissions is for informational purposes. that would be emitted by the proposed project manufacturing or industrial project (up to 100,000 square feet of development) that would be enabled by the GPZ and compare the estimate to the SBCAPCD greenhouse gas regulations. The complete analysis is attached in the initial study within the appendix.

Discussion:

- a-b. Construction and operational GHG emissions associated with the future project enabled by the GPZ were quantified using CalEEMod. Complete CalEEMod results and assumptions are provided in Appendix A. Calculations of N₂O, CH₄ and CO₂ emissions are provided to identify the magnitude of potential project effects. The analysis focuses on CO₂, CH₄ and N₂O because these make up 98.9% of all GHG emissions by volume and are the GHG emissions that the project would emit in the largest quantities (Intergovernmental Panel on Climate Change [IPCC] 2014).

Future project construction would generate GHG emissions from the operation of heavy equipment, motor vehicles, and worker trips to and from the site. The Association of Environmental Professionals (2016) has recommended amortizing construction-related emissions over a 30-year period in conjunction with the proposed project's operational emissions since construction emissions occur for a limited period of a project's lifetime. As shown in Table 7, project construction would emit approximately 17 MT of CO₂e per year.

Table 7. Estimated GHG Emissions during Construction

Year	Annual Emissions (MT of CO ₂ e)
2025	309
2026	191
Total	500
Amortized over 30 years	17
MT = metric tons; CO ₂ e = carbon dioxide equivalents See Appendix A for modeling results.	

In addition to future construction emissions, future project operation of a 100,000 square foot manufacturing or industrial project would generate GHG emissions from new vehicle trips, electricity and natural gas usage, area sources, and off-road equipment usage. The amortized emissions from construction were added to the operational emissions to determine the total combined annual emissions. Table 8 summarizes combined annual GHG emissions generated by project construction and operation based on the CalEEMod output files in Appendix A. The combined annual GHG emissions from the project would be approximately 763,365 MT of CO₂e per year.

Table 8. Estimated Project Construction and Operational GHG Emissions

Emission Source	Annual Emissions (MT of CO ₂ e per year)
Construction	17
Operational	746,348
Mobile	338,142
Area	1
Energy	337,149
Water	26
Waste	39,29
Refrigerant	4
Total Emissions	763,365
MT = metric tons; CO ₂ e = carbon dioxide equivalents	
Notes: Numbers may not add up due to rounding.	
See Appendix A for modeling results.	

The future proposed project operations enabled by the GPZ would include numerous energy and water efficiency measures, as required by CALGreen. Additionally, the SBCAG has incorporated a sustainable community strategy into its 2050 Regional Transportation Plan/Sustainable Communities Strategy (Connected 2050 RTP/SCS), which is designed to help the region achieve its SB 375 GHG emissions reduction target. The Connected 2050 RTP/SCS includes strategies intended to increase jobs within the City of Santa Maria. The future project would increase employment within the city which would improve the City's jobs-housing ratio and therefore reduce vehicle emissions. The future project would also be required to comply with existing State regulations, which include increased energy conservation measures and other actions adopted to achieve the overall GHG emissions reduction goals identified in SB 32. Although there is no locally adopted GHG Reduction Plan to reduce emissions from new development, the future project would not conflict with any State regulations intended to reduce GHG emissions statewide and would be generally consistent with local plans and programs designed to reduce GHG emissions. Therefore, impacts would be *less than significant*.

Mitigation Measure(s) incorporated into the project:

Implementation of the proposed project would not result in potentially significant impacts related to greenhouse gas emissions; therefore, the project would have *less than significant impact* and mitigation is not necessary.

9. HAZARDS AND HAZARDOUS MATERIALS

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?			X	

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?		X		
c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?			X	
d. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?				X
e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?			X	
f. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?			X	
g. Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?			X	

Setting:

In the City of Santa Maria, the use and storage of hazardous materials is primarily regulated by the Uniform Fire Code. Transport of hazardous materials and waste on public streets is primarily regulated by the California Vehicle Code and the SMMC. Storage and disposal of hazardous wastes is primarily regulated by the Santa Barbara County Environmental Health Services Division (EHS) through their Hazardous Waste Generator Program as authorized by the State Health and Safety Code. Any business that stores hazardous materials in accordance with Article 80 of the Uniform Fire Code must provide either a hazardous materials inventory statement (HMIS) or a hazardous materials management plan (HMMP) to the Fire Chief of the City of Santa Maria and the County of Santa Barbara. In addition, the City of Santa Maria Fire Department and the County EHS require a Business Plan in accordance with State regulations for businesses that store and use hazardous waste (City of Santa Maria 1995).

A Phase I Environmental Site Assessment (Appendix C) was completed by Rincon Consultants, Inc. on August 22, 2023. The assessment meets the guidelines outlined in the American Society for Testing and Materials (ASTM), Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM Standard E1527-21). Based on the findings of this Phase I ESA, it is Rincon Consultants, Inc. opinion that that no recognized environmental conditions (RECs), historical recognized environmental

conditions (HRECs), or controlled recognized environmental conditions (CRECs) were identified for the subject property. However, there are environmental concerns in connection with the subject property as follows:

- The subject property is located within the Santa Maria Airport Per- and Polyfluoroalkyl Substances (PFAS) Investigation site, but is outside of a one-mile radius of identified PFAS sources and impacts.
- An abandoned/remnant water well structure is located in the southeastern portion of the subject property.
- Historical use of the subject property as part of a military base and a golf course may be associated with unidentified subsurface debris and/or structures.
- The former Santa Maria oil field is located between 0.5 and 1.5 miles north and east of the subject property.

There is no evidence indicating that the subject property has been impacted by hazardous materials or petroleum products, no additional assessment is recommended. However, based on the notable findings above, Rincon recommends preparation of a soil management plan prior to activities that will disturb soil at the subject property. We also recommend proper abandonment of the water well structure observed in the southeastern portion of the subject property.

Discussion:

- a. Future development of the project site enabled by the GPZ would include the temporary use and storage of limited quantities of hazardous substances, including gasoline, diesel fuel, hydraulic fluid, solvents, oils, paints, etc. during construction. Construction contractors would be required to comply with applicable federal and state environmental and workplace safety laws. Additionally, the construction contractor would be required to implement BMPs for the storage, use, and transportation of hazardous materials during all construction activities. During operation any future development that would store, handle, or routinely transport fuels or other hazardous materials would need to comply with applicable requirements as set by governing authorities ~~it is not anticipated that the warehouse would store or handle fuels or hazardous materials. The project would not involve the routine transport of hazardous materials.~~ Therefore, impacts related to the routine transport, use, or disposal of hazardous materials would be *less than significant*.

- b. Construction of a proposed project enabled by the GPZ would require the use of some hazardous materials such as fuels, oils, paints, solvents, and glues. All potentially hazardous materials used during construction of the proposed project would be handled, stored, and disposed of in accordance with the manufacturers' specifications and applicable regulations.

The project site contains an abandoned/remnant water well structure located in the southeastern portion of the subject property as identified by Rincon Consultants, Inc. during completion of the Phase I ESA. The Phase I Environmental Site Assessment recommendation is to properly abandon the water well structure. Additionally, mitigation shall be required to minimize oil facility health risks during construction in accordance with CalGem standards if any oil well is inadvertently discovered.

Historical use of the subject property as part of a military base and a golf course may be associated with unidentified subsurface debris and/or structures. A soil management plan shall be submitted prior to future development of an industrial or manufacturing building that would be enabled by this GPZ. *Therefore, the impacts to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment would be less than significant with mitigation incorporated.*

- c. No existing or proposed schools are located within a quarter mile of the proposed project. Construction of a future industrial or manufacturing project enabled by the GPZ would include the temporary use and storage of limited quantities of hazardous substances, including gasoline, diesel fuel, hydraulic fluid, solvents, oils, paints, etc. during construction. Construction contractors would be required to comply with applicable federal and state environmental and workplace safety laws. Additionally, the construction contractor would be required to implement BMPs for the storage, use, and transportation of hazardous materials during all construction activities. During operation it is not anticipated that the future industrial or manufacturing development enabled by the GPZ would store or handle fuels or hazardous materials. The project would not involve the routine transport of hazardous materials. Therefore, impacts related to hazardous emissions or handling of hazardous materials, substances or waste within one-quarter mile of an existing or proposed school would be *less than significant*.

- d. California Government Code Section 65962.5 requires various state agencies to compile lists of hazardous waste disposal facilities, unauthorized release from underground storage tanks, contaminated drinking water wells and solid waste facilities from which there is known migration of hazardous waste and submit such information to the Secretary for Environmental Protection on at least an annual basis. As discussed above, the project site does not contain a hazardous waste disposal facility, a known underground storage tank, a contaminated drinking water well or a solid waste facility from which there is known migration of hazardous waste. The proposed zoning and development of a future industrial or manufacturing use would not create any conditions that would lead to the project location being listed as a hazardous materials site pursuant to Government Code Section 65962.5. Therefore, *no impacts* related to significant hazards to the public or the environment from hazardous materials pursuant to Government Code Section 65962.5 would occur.
- e. There are no private airstrips within or in the vicinity of the project site. The project site is located within the airport property boundary along the northern edge. Based on the Santa Maria Airport Land Use Compatibility Plan (Santa Barbara County 2023), the project site would not be located within the airport's noise contours, therefore no specific noise mitigation related to airport related noise is necessary. The site is located in Zone 3 of the airport safety zones, and within airport influence area review 1. A future industrial or manufacturing building enabled by the project would be limited in height to the requirements of the M-1 zone as well as 14 CFR Part 77.

Given the project location is within Zone 3, the Santa Maria Airport Safety Compatibility Criteria (Table 3-2) listed in the Santa Maria Airport Land Use Compatibility Plan would apply to a future industrial or manufacturing project enabled by the GPZ. Limited industrial is a compatible use based upon Table 3-2, and manufacturing is conditionally compatible. The maximum intensity of people/acre allowed is 150 and the maximum lot coverage is 60% for all conditionally compatible industrial, manufacturing and warehouse uses. The Santa Maria Airport Land Use Compatibility Plan provides example calculations in Appendix E to determine the concentration of people for a project. One example calculation recommends using the City's Parking Ordinance (Section 12-32.03) and the spaces required. Staff utilized the manufacturing parking demand of one space per 520 square feet of gross area and assumed 1.5 people occupy a car. A future 100,000 square-foot manufacturing development enabled by the GPZ would require 192 parking spaces. 288 people represent the maximum concentration of people at the site. Over the 6.95-acre project area that equates to 42 people per acre. This concentration of people per acre is well under the maximum number allowed of 150. The future development would also be limited in size to 60% of the site as also required by Table 3-2. Therefore, impacts related to a safety hazard or excessive noise for people residing or working in the project area would be *less than significant*.
- f. The proposed project does not include any characteristics or features that would interfere with an adopted emergency response plan or emergency evacuation plan. The project would not result in the closure of any roads. Development of the project site would utilize new access driveways that would be developed in compliance with local and state safety regulations. All access improvements would be required to comply with applicable CBC and California Fire Code requirements pertaining to emergency access. Therefore, impacts related to interference with an adopted emergency response plan or evacuation plan would be *less than significant*.
- g. The project site is surrounded by industrial development. The project site is not located adjacent to a wildland fire area. Based on the Safety Element, the most significant wildland fire hazards for development within the city are associated with the coastal sage scrub and grass-covered slopes in the Casmalia and Solomon Hills south of the city. The project site is located approximately 11 miles north of these areas and is located within a heavily urbanized area; therefore, impacts related to wildland fires would be *less than significant*.

Mitigation Measure(s) incorporated into the project:

HAZ-1 Stop Work Procedure. If during construction of a future project enabled by the GPZ, visual contamination or chemical odors are detected, work will be stopped immediately and the Santa Barbara County Fire Department Hazardous Materials Unit (HMU) will be contacted. Resumption of work will require the approval of HMU. In the event that previously unknown oil or gas wells and/or associated equipment is discovered, CalGEM shall be contacted immediately to assess the equipment. Recommendations of CalGEM to address the discovered equipment shall be implemented. ~~At minimum CalGEM shall be notified regarding the oil well identified on the CalGEM GIS website.~~

10. HYDROLOGY AND WATER QUALITY

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?			X	
b. Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?			X	
c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
i. result in substantial erosion or siltation on- or off-site;			X	
ii. substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;			X	
iii. create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or			X	
iv. impede or redirect flood flows?			X	
d. In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?			X	
e. Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?			X	

Setting:

The proposed project would enable the future construction of a 100,000 square-foot industrial or manufacturing building that would require on-site grading, which could result in the erosion of onsite soils and sedimentation during heavy wind or rain events. The future construction would be required to comply with all local, state, and federal requirements, including a state Construction General Permit, which requires the preparation of a Storm Water Pollution Prevention Plan (SWPPP). The SWPPP would include BMPs to control the discharge of pollutants, including sediment from erosion, into local surface water drainages. The construction project would further be required to comply with the adopted standards contained within the City of Santa Maria's Municipal Code, Section 8-12 (wastewater) and 8-12A (stormwater). Section 8-12A.04 also incorporates the Post-

Construction Stormwater Management Requirements for Development Projects in the Central Coast Region (Central Coast Regional Water Quality Control Board, Resolution No. R3-2013-0032). By incorporating these design provisions and permit review and procedures by the City, the future project enabled by the GPZ would not violate water quality standards and waste discharge requirements.

The project site is located within the Santa Maria Watershed, one of the largest coastal drainage basins in California, and includes all areas tributary to the Cuyama, Siquoc, and Santa Maria Rivers. The Santa Maria Watershed overlies the Santa Maria Valley Groundwater Basin, covering more than 280 square miles in the southwestern corner of San Luis Obispo County and the northwestern corner of Santa Barbara County. Historically, the City pumped water from the Santa Maria Valley Groundwater Basin as its sole water supply until the City began receiving State Water Project (SWP) water from the Central Coast Water Authority (CCWA) in 1997. The Santa Maria Valley Groundwater Basin is currently under a 2008 court-ordered stipulation that allows the City to derive its water supply from local groundwater, associated return flows from imported SWP water that may be recaptured in the basin, and a share of the yield of Twitchell Reservoir operations.

The stipulation divided the Santa Maria Valley Groundwater Basin into three management areas, the largest being the Santa Maria Valley Management Area (SMVMA), which overlies the city. Since the late 1960s, the basin has alternately experienced significant recharge (recovery) and decline, which, collectively, reflect a general long-term stability as groundwater levels in both aquifer zones have fluctuated between historical-low and near historical-high levels over alternating 5- to 15-year periods. Groundwater levels throughout the SMVMA have shown this trend, but with different ranges of fluctuation and groundwater levels have repeatedly recovered to near or above previous historical-high levels, most recently in 2002 (Luhdorff and Scalmaninin Consulting Engineers 2018).

The provisions of the 2008 court-ordered stipulation require that an annual assessment be prepared for the Santa Maria Valley Management Area. According to the 2017 Annual Report (Luhdorff and Scalmaninin Consulting Engineers 2018), the conditions in the SMVMA do not satisfy all the criteria delineated in the Stipulation for defining a severe water shortage as a result, it was concluded that there is no finding of severe water shortage conditions in the SMVMA in 2017.

In 2016, groundwater resource planning and data reporting requirements under the California Department of Water Resource (DWR) Sustainable Groundwater Management Program (SGMA) commenced. Since the SMVMA is part of an adjudicated basin, the DWR considers it already managed by the court and, thus, SGMA groundwater resource planning requirements do not apply (Luhdorff and Scalmaninin Consulting Engineers 2018).

The closest body of water to the project site is the Santa Maria River, located approximately 5 miles northeast of the project site. According to the National Wetlands Inventory from the U.S. Fish & Wildlife Services, the project site is adjacent to freshwater emergent wetland and riverine area. Based on the Federal Emergency Management Agency (FEMA) National Flood Hazard Layer (NFHL) Viewer, the project site is not located within a 100-year floodplain. Based on the DOC Santa Barbara County Tsunami Inundation Maps, the project site is not located within an area with the potential for tsunami inundation.

Discussion:

- a. Development of a future industrial or manufacturing project enabled by the GPZ would be required to comply with all federal, state, and local requirements, including a state Construction General Permit, which requires the preparation of a SWPPP. The SWPPP would include BMPs to control the discharge of pollutants, including sediment from erosion, into local surface water drainages. Future development of the industrial or manufacturing project would also be required to comply with the adopted standards contained within the City's Municipal Code, Section 8-12 (wastewater) and 8-12A (stormwater). Section 8-12 incorporates the Post-Construction Stormwater Management Requirements for Development Projects in the Central Coast Region (Central Coast Regional Water Quality Control Board [RWQCB] Resolution No. R3-2013-0032). By incorporating these design provisions and permit review and approval procedures by the City, the future industrial or manufacturing project would not violate water quality standards and waste discharge requirements, and *impacts would be less than significant*.
- b. Future uses of industrial or manufacturing on-site enabled by the GPZ would require new connections to the City's water services. The City utilizes the following available water supply sources: local groundwater, purchased water from the SWP, associated return flows recaptured from the SMGB,

assigned rights to water from the SMGB, and assigned rights to augmented yield from Twitchell Reservoir. The City's water supply is expected to reliably meet the projected city water demands and have an available supply in excess through 2040, with the majority of this demand being met by imported state water (City of Santa Maria 2016). Based on the type of potential future development to be allowed onsite, such as development of a industrial or manufacturing use, and the sources of future water supply, the project would not result in a substantial decrease of groundwater supplies or substantial interference with groundwater recharge, and impacts would be *less than significant*.

- c. i-iv. The future industrial or manufacturing project enabled by the GPZ would be required to provide landscaped open area to address infiltration and water quality requirements. By incorporating these design provisions, and permit review and procedures by the City, the project would not violate water quality standards and waste discharge requirements. Based on the FEMA NFHL Viewer, the project site is not located within a 100-year floodplain. However, the project site is adjacent to a County of Santa Barbara flood control channel. A future site plan for the industrial or manufacturing development enabled by the GPZ shall be designed to consider the easements and avoid any encroachment into the adjacent flood control channel. Therefore, the project would not have the potential to result in substantial erosion or siltation on- or off-site, substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site, create or contribute runoff water that would exceed the capacity of existing or planned stormwater drainage systems, or impede or redirect flood flows; therefore, potential impacts would be *less than significant*.
- d. In 2017, the City of Santa Maria prepared a Hazard Mitigation Plan (an annex to the Santa Barbara County Operational Area Hazard Mitigation Plan) which describes specific hazard prevention measures and floodplain development requirements for projects that could be subject to flooding. Principally, the Santa Maria River levee, built by the U.S. Army Corp of Engineers, has been designed to protect the city from a "100-year" flood event. Further, all potential development occurring within a floodplain would be required to follow an established development review process and may be subject to additional federal, state, and local review and permits as required by the Floodplain Administrator and the Santa Maria Municipal Code. The Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) indicates that the project area is located entirely within an area of minimal flood hazard. No potential impacts from flood hazards are expected.

Twitchell Dam is the closest potential source of dam inundation in the City of Santa Maria, located approximately 9 miles northeast of the project site. The dam was constructed by the Bureau of Reclamation in 1958 and is primarily used for groundwater recharge and flood control. Twitchell Dam is not used for perennial water storage. In the event of dam or levee failure, a significant portion of the city would be inundated by flooding. However, the probability of total dam failure and levee failure is remote, and the dam only periodically holds water and is not a reservoir. Therefore, potential impacts from dam failure are considered to be *less than significant*.

The project site is approximately 10 miles east from the Pacific Ocean and would not be at risk of inundation by a tsunami. There are no bodies of water in the vicinity of the project site that are large enough to produce a seiche and the project site is not located in an area prone to landslides, mud slides, soil slips, or slumps; therefore, *impacts would be less than significant*.
- e. As discussed in the threshold analysis above, the project would not deplete groundwater supplies, or interfere substantially with groundwater recharge. A future industrial or manufacturing project shall be required to include stormwater treatment and storage facilities and would not conflict with the Central Coastal Basin Plan, or other water quality control plans. The project would not conflict with SGMA, or other local or regional plans or policies intended to manage water quality or groundwater supplies; therefore, impacts would be *less than significant*.

Mitigation Measure(s) incorporated into the project:

Implementation of the proposed project would not result in potentially significant impacts related to hydrology or water quality; therefore, mitigation is not necessary.

11. LAND USE AND PLANNING

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Physically divide an established community?				X
b. Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?			X	

Setting:

The project site is currently undeveloped and is bordered to the north, south and west by a flood control channel regulated by Santa Barbara County. Beyond the flood control channel to the north is a business park used by VTC Enterprises. Further to the south of the flood control channel is open space area adjacent to the Santa Maria Public Airport runway. To the west of the flood control channel is more open space that is also adjacent to the Santa Maria Public Airport runway. To the east of the site across A Street is a business park with various industrial, warehouse and manufacturing uses.

The project site has an A-AS general plan land use designation and OS zoning designation. The purpose of the A-AS general plan designation is to provide a broad category facilitating the airport and airport-related commercial and industrial uses not adversely affected by airport operations, to provide for specific areas for aircraft operation and navigation aids, and to minimize the hazard to safe landing and take-off of aircraft. Typical uses within the A-AS general plan designation include a full range of uses, including airport operation and support activities.

Discussion:

- a. The project does not propose project elements or components that would physically divide the site from surrounding areas and uses because the project site already is separated from the adjacent airport by a drainage channel. The project would allow for the development of a future industrial or manufacturing use and would not conflict with the surrounding industrial development adjacent to the project site. The project has been reviewed for compatibility with surrounding uses and would not create, close or impede any existing public or private roads, or create any other barriers to movement or accessibility within the community. Therefore, the proposed project would not physically divide an established community and would have *no impact*.
- b. The project proposes to change the current land use designation from A-AS to LI, and the current zoning from OS to PD/M-1. This change would allow a range of light industrial and design research facilities, including manufacturing within a parcel where previously only open space uses were allowed. Examples of potential industrial land uses that could be established at the site include scientific research labs, warehousing/wholesaling, light assembly or other uses permitted under the proposed LI general plan designation. While the project site is currently zoned for open space uses including natural resource preservation and outdoor recreation, the surrounding development has already established industrial zoning and development of a similar intensity to the proposed project's concept. Therefore, introducing a new industrial use on the project site would not conflict with surrounding land uses in the project vicinity.

The proposed changes have been reviewed for consistency with the Airport's Master Plan, Airport Land Use Compatibility Plan and Airport Specific Plan and no conflicts would be created from the project. The future development of the site would require a Planned Development permit reviewed by

the Planning Commission reviewed for conformance with City development standards and policies and procedures. No future Planned Development project would be approved by the Planning Commission and introduced into the project area that is contrary to the City's Zoning Code and General Plan. The future industrial or manufacturing project would undergo review for consistency with the proposed LI general plan designation and PD/M-1 zoning standards, as well as the Airport Land Use Compatibility Plan and shall not conflict with any applicable land use plan, policy, or regulation adopted for the purpose of avoiding compatibility issues or mitigating environmental effects. *Impacts would be less than significant.*

Mitigation Measure(s) incorporated into the project:

Implementation of the proposed project would not result in potentially significant impacts related to land use or planning; therefore, mitigation is not necessary.

12. MINERAL RESOURCES

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?			X	
b. Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?			X	

Setting:

Santa Maria's primary mineral resources are sand, rock, and oil. The Santa Maria River channel is considered to be a valuable mineral resource. The river contains the largest resources of Portland Cement Concrete-grade aggregate and almost 90% of the available alluvial sand and gravel resources in the Santa Barbara/San Luis Obispo County region. The Santa Maria Basin is also a significant hydrocarbon (i.e., oil and gas) producing basin in California, historically allowing for the development of the oil industry throughout the region. Many of the areas oil wells have since been capped and abandoned due to the development and urbanization of the city. Based on the General Plan Resources Management Element, the project site is located within the City's area where the significance of mineral deposits cannot be evaluated from available data. (City of Santa Maria 2001). A Phase I Environmental Site Assessment (Appendix C) was completed by Rincon Consultants, Inc. on August 22, 2023, and an abandoned/remnant well structure was identified during a site inspection in the southeastern portion of the project site.

Discussion:

- a-b. The project parcel is located in an urban area of Santa Maria. The California Department of Conservation Well Finder (CalGEM GIS) confirms that there are no active oil wells within the project site. The potential for impacts to occur to mineral resources is insignificant considering the project site is located within a developed area of the City and is not a conducive location for mineral resource extraction or mining. Therefore, the impact on known mineral resources of value to the region and to residents of the state or the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan would be *less than significant*. The area within the project vicinity has been entirely built out with urban and airport uses within.

Therefore, the potential for future mining uses at the site is very low and potential impacts would be *less than significant*.

Mitigation Measure(s) incorporated into the project:

Implementation of the proposed project would not result in potentially significant impacts related to mineral resources; therefore, mitigation is not necessary.

13. NOISE

Would the project result in:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Generation of a substantial temporary or permanent increase in ambient noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?		X		
b. Generation of excessive groundborne vibration or groundborne noise levels?			X	
c. For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?			X	

Setting:

Community noise levels are typically measured in terms of A-weighted decibels (dBA). A-weighting is a frequency correction that correlates overall sound pressure levels with the frequency response of the human ear. Equivalent noise level (L_{eq}) is the average noise level on an energy basis for a specific time period. The duration of noise and the time of day at which it occurs are important factors in determining the impact of noise on communities. The CNEL and Day-Night Average Level (L_{dn}) account for the time of day and duration of noise generation. These indices are time-weighted average values equal to the amount of acoustic energy equivalent to a time-varying sound over a 24-hour period. The Noise Element includes noise compatibility standards for noise exposure by land use, including interior and exterior noise standards.

Table 9. Interior and Exterior Noise Standards

Land Use Categories		Standard dB CNEL	
Category	Uses	Interior	Exterior
Residential	Single Family, Duplex, Multiple Family, Mobile Home	45	60
Noise-Sensitive Land Uses	Motel, Hospital, School, Nursing Home, Church, Library, and Other	45	60
Commercial	Retail, Restaurant, Professional Offices	55	65

Land Use Categories		Standard dB CNEL	
Category	Uses	Interior	Exterior
Industrial	Manufacturing, Utilities, Warehousing, Agriculture	65	70
Open Space	Passive Outdoor Recreation	--	65

Source: City of Santa Maria General Plan Noise Element, Table N-4.

The nearest sensitive receptors are single-family homes approximately 2,170 feet north of the project site and single-family homes approximately 3,340 feet east of the project site.

Discussion:

- a. The project site is currently undeveloped and is bordered to the north, south and west by a flood control channel regulated by Santa Barbara County. Beyond the flood control channel to the north is a business park used by VTC Enterprises. Further to the south of the flood control channel is open space area adjacent to the Santa Maria Public Airport runway. To the west of the flood control channel is more open space that is also adjacent to the Santa Maria Public Airport runway. To the east of the site across A Street is a business park with various industrial, warehouse and manufacturing uses.

Proposed construction activities onsite and associated construction-related noise would be temporary but will take place adjacent to industrial areas and support offices and therefore would have the potential to exceed City exterior noise thresholds. In accordance with the General Plan Noise Element, during any future development within the project parcel, construction activity shall be limited to the hours between 7:00 a.m. and 6:00 p.m. on weekdays, and between 8:00 a.m. and 5:00 p.m. on Saturdays. No construction shall occur on Sundays or federal or state holidays. Construction equipment maintenance shall be limited to the same hours. With adherence to City these construction work hours, and with the implementation mitigation measure NOI-1, which includes noise control for construction related tools and equipment, and requirements for proper maintenance of all equipment, unnecessary temporary increased noise levels can be reduced to *less than significant with mitigation*.

Following construction, future development uses would not result in a significantly noticeable increase over existing vehicle noise in the area. The project site is surrounded by some noise generating uses such as industrial development. However, the industrial development likely under the proposed M-1 zone designation is not heavy in nature but would likely be a light industrial type of use. The daily operations do not include noisy elements that generate a substantial temporary or permanent increase in ambient noise levels. Therefore, impacts related to generation of permanent operational noise levels in excess of standards established in local plans would be *less than significant*.

- b. Potential future development of the project parcel would include the construction of an industrial or manufacturing building and installation of new utility connections. The future development of the site will not include pile driving or other high impact activities that would generate substantial groundborne noise or groundborne vibration during construction. Heavy equipment used during construction would generate groundborne noise and vibration, but these activities would be limited in duration and consistent with other standard construction activities. Therefore, potential impacts would be *less than significant*.
- c. There are no private airstrips within or in the vicinity of the project site. The project site is located within the airport property boundary along the northern edge. Based on the Santa Maria Airport Land Use Compatibility Plan (Santa Barbara County 2023), the project site would not be located within the airport's noise contours. Therefore, no specific noise mitigation related to airport related noise is necessary, and impacts associated with future development of an industrial or manufacturing use and the project workers or occupants exposure to excessive noise levels from aircraft would be *less than significant*.

Mitigation Measure(s) incorporated into the project:

- NOI-1** The applicant shall implement the following measures during construction of the project:

- **Mufflers.** Construction equipment shall be properly maintained and all internal combustion engine driven machinery with intake and exhaust mufflers and engine shrouds, as applicable, shall be in good condition and appropriate for the equipment. During construction, all equipment, fixed or mobile, shall be operated with closed engine doors and shall be equipped with properly operating and maintained mufflers, consistent with manufacturers' standards.
- **Electrical Power.** Electrical power, rather than diesel equipment, shall be used to run compressors and similar power tools and to power any temporary structures, such as construction trailers or caretaker facilities.
- **Equipment Staging.** All stationary equipment shall be staged as far away from the adjacent offices as feasible.
- **Equipment Idling.** Construction vehicles and equipment shall not be left idling for longer than five minutes when not in use.
- **Workers' Radios.** All noise from workers' radios shall be controlled to a point that they are not audible at the adjacent offices near construction activity.
- **Smart Back-up Alarms.** Mobile construction equipment shall have smart back-up alarms that automatically adjust the sound level of the alarm in response to ambient noise levels. Alternatively, back-up alarms shall be disabled and replaced with human spotters to ensure safety when mobile construction equipment is moving in the reverse direction.
- **Disturbance Coordinator.** The applicant shall designate a disturbance coordinator who shall be responsible for responding to any local complaints about construction noise. The noise disturbance coordinator shall determine the cause of the noise complaint (e.g., starting too early, bad muffler, etc.) and shall require that reasonable measures warranted to correct the problem be implemented. A telephone number for the disturbance coordinator shall be conspicuously posted at the construction site.

Effectiveness of Mitigation Measures: Implementation of Mitigation Measure NOI-1 and NOI-2 would reduce overall noise levels from construction activity and would reduce residual impacts to less than significant.

14. POPULATION AND HOUSING

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?			X	
b. Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?				X

Setting:

Santa Maria consistently has been the fastest growing city in Santa Barbara County over the last two decades. From Census 2000 to Census 2010, 90% of the county's population growth occurred in the City of Santa Maria. It is anticipated that this trend will continue throughout the current decade as Santa Maria continues to be the hub for Northern Santa Barbara County.

Discussion:

- a. The project includes the GPZ to allow for the construction of an industrial or manufacturing use that would be permitted or conditionally permitted under the proposed PD/M-1 zoning designation. The future industrial or manufacturing project estimated to add approximately 38 new employees which would not induce substantial unplanned population growth and would not result in the need for development of new housing. Lastly, future development of the project site would not result in the extension of roads or other infrastructure to a previously undeveloped area. Therefore, the project would not induce substantial unplanned population growth and impacts would be *less than significant*.
- b. The project site is undeveloped, and no housing currently exists on the site. Therefore, the project would not displace substantial numbers of existing people or housing, necessitating the construction of replacement housing. *No impact* would occur.

Mitigation Measure(s) incorporated into the project:

Implementation of the proposed project would not result in potentially significant impacts related to population or housing; therefore, mitigation is not necessary.

15. PUBLIC SERVICES

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
i. Fire protection?			X	
ii. Police protection?			X	
iii. Schools?			X	
iv. Parks?			X	
v. Other public facilities?			X	

Setting:

Fire and police protection services are provided by the city. The city is served by six fire stations, where emergency services, public education programs, fire prevention, and life safety services are provided to the city's residents by the Santa Maria City Fire Department (SMFD). The Santa Maria Police Department (SMPD) provides law enforcement services for the city. SMPD provides a full range of professional police services, including civil order, preventative patrol, investigations, traffic control and enforcement, criminalistics, crime prevention, drug enforcement and drug abuse prevention. The city's elementary and junior high schools are within the Santa Maria-Bonita School District, and the city's high schools are within the Santa Maria Joint Union High School District.

Discussion:

- a.
 - i. Future development of the project site with industrial or manufacturing uses enabled by the GPZ would be served by the SMFD. The nearest fire station is Fire Station #6, located at 3339 Terminal Drive, approximately 1.50 miles southeast of the project site. The proposed change in general plan designation and zoning to LI and PD/M-1 would not substantially increase demand on fire services. Any future development permit applications submitted for development on the project site would be reviewed by the SMFD for conformance with applicable regulations and standards. Development impact fees would be collected at the time of approval of development permits for the provision of capital facilities for fire services. No new or physically altered public service facilities or personnel would be required as a result of the proposed project; therefore, potential impacts would be *less than significant*.
 - ii. Future development of the project site of industrial or manufacturing uses enabled by the GPZ would be served by the SMPD, located at 1111 West Betteravia Road, approximately 0.80 miles northeast of the project site. Any future development at the project site would not propose a new use or activity that would require additional police services above what is normally provided for similar surrounding industrial and manufacturing uses. Therefore, potential impacts would be *less than significant*.
 - iii. The project site is located within the Santa Maria-Bonita and Santa Maria Joint Union High School Districts. Under the proposed PD/M-1 zoning, future development on the project site would be for an industrial or manufacturing use up to 100,000 square-feet in size. The future development is estimated to add approximately 38 new employees. Project employees would likely be drawn from the existing labor pool in the region who are not anticipated to relocate to the city. However, the analysis conservatively assumes that all 38 new employees would become new households; therefore, based on the Department of Finance persons per household estimate in Santa Maria, the project would add 138 new residents. The number of school aged residents potentially introduced to the area by the future development can be adequately serviced by the existing school facilities. Therefore, the project would not result in a need for new or physically altered school facilities, and impacts would be *less than significant*.
 - iv. The City's recreation system is comprised of several local parks and recreational facilities. The nearest public park to the project site is Marilyn Stanly, located approximately 1.20 miles to the east. Future development of the site into an industrial or manufacturing project enabled by the GPZ would not result in an increased demand on existing park facilities in the vicinity and would not result in the need for new or physically altered park facilities; therefore, potential impacts would be *less than significant*.
 - v. As discussed above, the proposed future development project would be subject to applicable fees to offset negligible increased demands on public facilities; therefore, impacts related to other public facilities would be *less than significant*.

Mitigation Measure(s) incorporated into the project:

Implementation of the proposed project would not result in potentially significant impacts related to public services; therefore, mitigation is not necessary.

16. RECREATION

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?			X	
b. Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?			X	

Setting:

The City's recreation system is comprised of several local parks and recreational facilities, which are managed by the City Department of Recreation and Parks. The department operates 234 acres of developed parkland in 27 neighborhood and community parks.

Discussion:

- a-b. The City's recreation system is comprised of several local parks and recreational facilities. Future development of an industrial or manufacturing use enabled by the GPZ would not result in increased usage of existing park facilities in the vicinity to the point that would result in the need for new or physically altered park facilities. The proposed project and future development would not significantly increase use of existing neighborhood or regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated. Future development of the project site would include a industrial or manufacturing use that does not include, and would not require development or expansion of existing recreational facilities; therefore, potential impacts would be *less than significant*.

Mitigation Measure(s) incorporated into the project:

Implementation of the proposed project would not result in potentially significant impacts related to recreation; therefore, mitigation is not necessary.

17. TRANSPORTATION

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?			X	
b. Conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?			X	
c. Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?				X
d. Result in inadequate emergency access?				X

Setting:

The CEQA Guidelines use Vehicle Miles Traveled (VMT) as the basis for determining significant impacts unless the Guidelines provide specific exceptions. Based on the City of Santa Maria's adopted VMT Thresholds, transportation impacts are considered significant if the proposed project would result in a VMT per capita or office VMT per employee above 85% of the countywide average, consistent with technical guidance published by the Office of Planning and Research (OPR). OPR's Technical Advisory lists the following screening thresholds for land use projects. These types of development projects are presumed to have a less than significant impact on VMT and therefore, a less than significant adverse impact on transportation. OPR's Technical Advisory suggests that lead agencies may screen out VMT impacts using project size, maps, transit accessibility, and provision of affordable housing. The City's Environmental Procedures include screening criteria consistent with OPR and are as follows:

- A discretionary retail development project that is 50,000 square feet or less. Does not apply to regional shopping centers that predominately serve customers that live outside of the City limits.
- Affordable housing projects where a minimum of 20 percent of the units are deed restricted for low or very low income residents.
- Small discretionary development projects that would generate or attract fewer than 110 daily trips (per CEQA). Examples include a project with 11 or fewer single family residential units, 20 or fewer multi-family units, or an office of 6,800 square feet or less.

- Residential and non-residential land uses located in the green Transportation Analysis Zone (TAZ) areas of the Countywide Average Home-Based VMT per Capita and per Employee Maps are expected to generate VMT at 85 percent or less of the baseline average rate and are presumed to have less than significant VMT impacts.
- Infrastructure projects

The City of Santa Maria's adopted threshold is 85% of the existing countywide baseline VMT per capita, as calculated within the City of Santa Maria for non-residential uses. The City threshold based on 85% of the countywide average would be 9.41 VMT (one-way trip). The applicant has provided a transportation impact study titled A Street at Fairway General Plan Amendment and Rezone (Study) completed by Central Coast Transportation Consulting in September 2023 which is summarized below. The complete Study is attached to this document in the appendices (Appendix D).

Discussion:

- a-b. The project includes a GPZ to allow for the future development of an industrial or manufacturing use permitted under the proposed M-1 zone district. The project applicant has provided a project description for the future development of a industrial or manufacturing use and estimates the maximum square footage would be up to 100,000. The VMT analysis addresses the project by applying the Technical Memo for VMT Thresholds and Procedures in the City of Santa Maria which divides the city into Traffic Analysis Zones (TAZs) and illustrates the mean VMT per employee for each TAZ. The project area is mapped showing that VMT per employee is less than or equal to 85 percent of the area-wide average. Therefore, the anticipated development facilitated by this GPZ project has been prescreened and is not expected to have a significant impact on VMT.

The City is required to review projects for policy consistency with the City's General Plan Circulation Element to determine if the additional traffic generated by the project will result in a delay in intersection operations or excessive queuing into adjacent upstream intersections. This analysis uses a Level of Service (LOS) metric, which is a different analysis than the VMT analysis used to determine a potential environmental impact under CEQA Guidelines section 15064.3, subdivision (b). If an intersection or roadway segment deteriorates to a LOS "E" or worse as a result of the project, the project will need to improve the operational deficiency to maintain roadway operations at a LOS "D" or better. This is required on a case-by-case basis as determined by the City and the operational implications of projects shall be reviewed through the submittal of a Local Traffic Study specific to the individual project. Since the LOS analysis and improvements are distinct from the VMT metric identified by the CEQA Guidelines section 15064.3, subdivision (b), as 'the most appropriate measure of transportation impacts', actions necessary to correct the operational deficiencies may be addressed through the City's project entitlement process as conditions of approval and not as CEQA impacts. The project's traffic and circulation analyzed the following intersections: A Street/Betteravia Road (Traffic Signal), A Street/McCoy Lane (Stop Controlled) and the Skyway Drive/Fairway Drive (Traffic Signal). The study determined that with the additional trips generated by the project, including cumulative levels of traffic with existing surrounding development, that the area intersections would operate at or above LOS D for the a.m. and p.m. peak hours, which is an acceptable LOS. This determination is based on the Institute of Transportation Engineers (ITE) Trip Generation Manual, 11th edition trip rates for manufacturing. *Therefore, the project does not conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities and impacts would be less than significant.*

- c. The project would be developed on an existing parcel and would not alter or affect existing street and intersection networks. The project would be required to comply with City design standards for vehicular access and circulation, including construction and remediation haul trips, and the current Fire Code. A future industrial or manufacturing development shall be required to meet City standards as a requirement of the future conditions of approval of a PD permit. Compliance with these standards would prevent hazardous design features and would ensure adequate and safe site access and circulation. The project would not introduce incompatible uses, including vehicles or equipment, to the site or the surrounding area. There would be *no impact*.

- d. Access to the future industrial or manufacturing project enabled by the GPZ would be provided from A Street. The future project would be required to comply with all building, fire, and safety codes and development plans would be subject to review and approval by the City's Municipal Code. Required review by these departments would ensure the circulation system for the project site would provide adequate emergency access. In addition, the proposed project would not require temporary or permanent closures to roadways and would result in *no impacts*.

Mitigation Measure(s) incorporated into the project:

Implementation of the proposed project would not result in potentially significant impacts related to transportation; therefore, mitigation is not necessary.

18. TRIBAL CULTURAL RESOURCES

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place or cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
i. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or		X		
ii. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.		X		

Setting:

Approved in 2014, AB 52 added tribal cultural resources to the categories of resources that must be evaluated under CEQA. Tribal cultural resources are defined as either of the following:

- 1) Sites, features, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe that are either of the following:
 - a) Included or determined to be eligible for inclusion in the CRHR; or
 - b) Included in a local register of historical resources as defined in PRC Section 5020.1(k).
- 2) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in PRC Section 5024.1(c). In applying these criteria for the

purposes of this paragraph, the lead agency shall consider the significance of the resource to a California Native American Tribe.

Recognizing that tribes have expertise with regard to their tribal history and practices, AB 52 requires lead agencies to provide notice to tribes that are traditionally and culturally affiliated with the geographic area of a proposed project if they have requested notice of projects proposed within that area. If the tribe requests consultation within 30 days upon receipt of the notice, the lead agency must consult with the tribe regarding the potential for adverse impacts on tribal cultural resources as a result of a project. Consultation may include discussing the type of environmental review necessary, the presence and/or significance of tribal cultural resources, the level of significance of a project's impacts on the tribal cultural resources, and available project alternatives and mitigation measures recommended by the tribe to avoid or lessen potential impacts on tribal cultural resources.

Passed in 2004, Senate Bill (SB) 18 requires cities and counties to consult with Native American tribes to help protect traditional tribal cultural places as part of a general plan adoption or amendment. Unlike AB 52, SB 18 is not an amendment to, or otherwise associated with, CEQA. Instead, SB 18 requires that, prior to the adoption or amendment of a city or county's general plan, the city or county must conduct consultations with California Native American tribes for the purpose of preserving specified places, features, and objects that are located within the city or county's jurisdiction. Under SB 18, cities and counties must notify the appropriate Native American tribe(s) of intended adoption or amendments to general plans and offer the opportunity for the tribe(s) to consult regarding traditional tribal cultural places within the proposed plan area.

The City sent letters to the local Native American contacts identified by the NAHC on December 27, 2023. The City did not receive any requests for consultation from local tribes regarding the proposed project.

Discussion:

- a-b. The project site does not contain any known tribal cultural resources that have been listed, or are eligible for listing, in the CRHR, or in a local register of historical resources as defined in PRC Section 5020.1(k). The potential for the existence of buried archaeological materials within the project area is considered low based on the historic physical setting and extent of previous disturbance. In addition, the City provided notification to local tribes regarding the proposed project and received no requests for consultation. Despite the low sensitivity of the site, discovery of unknown subsurface resources during future earthmoving activities associated with future development of the project site is always a possibility. Unknown significant subsurface resources, as described in Section 5, Cultural Resources, would be considered significant tribal cultural resources, as well. Standard mitigation has been proposed to ensure impacts to any unknown resources that may be encountered during project development would be avoided and/or minimized; therefore, potential project impacts would be *less than significant with mitigation*.

Mitigation Measure(s) incorporated into the project:

TCR-1 Inadvertent Discovery of Tribal Cultural Resource. In the event that a potentially significant tribal cultural resource is encountered during subsurface earthwork activities, all construction activities within a 100-foot radius of the find shall cease and the City shall be notified immediately. Work shall not continue until a qualified archaeologist, in conjunction with locally affiliated Native American representative(s) as necessary, determines whether the uncovered resource requires further study. Any previously unidentified resources found during construction shall be recorded on appropriate California Department of Parks and Recreation (DPR) forms and evaluated for significance in terms of CEQA criteria by a qualified archaeologist. Potentially significant cultural resources consist of, but are not limited to, stone, bone, glass, ceramic, wood, or shell artifacts; fossils; or features including hearths, structural remains, or historic dumpsites.

If the resource is determined significant under CEQA, the qualified archaeologist shall prepare and implement a research design and archaeological data recovery plan, in conjunction with locally affiliated Native American representative(s) as necessary that will capture those categories of data for which the site is significant. The archaeologist shall also perform appropriate technical analysis, prepare a comprehensive report, and file it with the CCIC, located at the University of California, Santa Barbara, and provide for the permanent curation of the recovered materials.

19. UTILITIES AND SERVICE SYSTEMS

Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?			X	
b. Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?			X	
c. Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?			X	
d. Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?			X	
e. Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?			X	

Setting:

The City operates its own wastewater collection and treatment system. The City's wastewater collection system consists of eight wastewater basins with associated trunk sewers and one treatment plant. The Department of Utilities is responsible for delivering water, treating wastewater, refuse collection, recycling, operating the Santa Maria Regional Landfill and its Household Hazardous Waste Facility, street sweeping, and regulatory compliance. The Water Resources Operation and Maintenance Section is responsible for supplying residents with potable water for domestic, industrial, and fire protection purposes. Solid Waste Collection and Disposal Services consist of six distinct areas: refuse collection/residential, refuse collection/commercial, landfill disposal operations, street sweeping, recycling operations, and regulatory compliance. PG&E is the primary electricity provider and SoCalGas is the primary natural gas provider for the city.

Discussion:

- a. The project site is located in a fully urbanized area with existing utility infrastructure in place. The City provides water, wastewater treatment, and solid waste services to the City of Santa Maria. Pacific Gas and Electric (PG&E) provides electricity to the project site. Additionally, natural gas on the project site would be provided by the Southern California Gas Company (SoCal Gas), and the City has access to multiple telecommunications providers including Verizon, T-Mobile, AT&T, etc. that would provide service.

The existing infrastructure noted above has adequate capacity to support the proposed project. Therefore, no additional facilities would be required as a result of project implementation and this impact would be *less than significant*.

- b. The City's 2015 Utility Capacity Study provides zoning demand factors for estimated water usage. The site's existing OS Zone designation was estimated to use 1,500 gallons per day per acre (gpd/acre) and the proposed M-1 zone designation was estimated to use 1,100 gpd/acre. Additionally, according to the City's Urban Water Management Plan (UWMP), the City's water supply would meet projected water demands through 2045 (City of Santa Maria 2020). Therefore, this impact would be *less than significant*.
 - c. The City Utilities Department owns and operates the wastewater system for the City of Santa Maria. Currently, the City disposes of all of its treated wastewater through percolation ponds under its Waste Discharge Requirements permit. The City's wastewater treatment plant was expanded in 2009 and has a current capacity of 13.5 million gallons per day, allowing the City to serve a population of up to 120,000 people. The future light industrial manufacturing project enabled by the GPZ is not expected to trigger impacts to the capacity constrained sewer segments identified in the 2012 Utilities Study. Therefore, this impact would be *less than significant*.
 - d-e. The City currently disposes of solid waste at the Santa Maria Regional Landfill, located at 2065 East Main Street in Santa Maria. The City has also initiated development of a new landfill—the Santa Maria Integrated Waste Management Facility (Los Flores Ranch Landfill; Facility No. 42-AA-0076), located in the Solomon Hills approximately 8 miles southwest of the city and 0.5 mile east of US 101 in an unincorporated portion of Santa Barbara County. The new facility will have a design capacity of approximately 131 million cubic yards of waste with an estimated closure date of 2105. The permit for the new facility is consistent with the Santa Barbara County Integrated Waste Management Plan, which was approved by the California Department of Resource Recycling and Recovery (CalRecycle) on October 18, 2011, as well as the standards adopted by CalRecycle, pursuant to PRC Section 44010. In addition, the design and planned operation of the facility is consistent with the State Minimum Standards for Solid Waste Handling and Disposal as determined by the enforcement agency based on review of the January 11, 2011, Joint Technical Document, pursuant to PRC Section 44009.
- The project would rely on the City's solid waste collection services and facilities. Based on the existing and projected available capacity, the proposed future industrial or manufacturing development enabled by the GPZ would not result in the need for new or expanded solid waste facilities. Therefore, potential impacts associated with generation of solid waste in excess of local infrastructure capacity and compliance with state and local solid waste regulations would be *less than significant*.

Mitigation Measure(s) incorporated into the project:

Implementation of the proposed project would not result in potentially significant impacts related to utilities and service systems; therefore, mitigation is not necessary.

20. WILDFIRE

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Substantially impair an adopted emergency response plan or emergency evacuation plan?			X	

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b. Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?			X	
c. Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?			X	
d. Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?			X	

Setting:

The project is located in an urban area within Santa Maria. The Integrated Regional Multi-Hazard Emergency Response Plan for the Cities of Santa Maria and Guadalupe was established in order to clearly delineate the planning areas procedures and policies when responding to a major emergency event. This includes any significant threat or potential disaster which could impact the health, safety, and property of the public within the planning area. The objectives of this plan include, but are not limited to, identifying authorities and their respective responsibilities for planning and response activities, establishing the policies for providing emergency information to the public, and describing the resources available to support emergency response activities.

The urbanized areas of Santa Maria are generally protected from most aspects of grassland and brush fires. However, accumulating weeds along roadsides and in vacant lots make even urban locations potentially hazardous from a wildland fire standpoint. For these reasons, an enforceable weed abatement program was established in 2017 to reduce these risks whenever structures are present.

The California Fire Code provides minimum standards for many aspects of fire prevention and suppression activities. These standards include provisions for emergency vehicle access, water supply, fire protection systems, and the use of fire-resistant building materials.

Discussion:

- a. Implementation of a future industrial or manufacturing building from the proposed project would not result in a significant temporary or permanent impact on any adopted emergency response plans or emergency evacuation plans. No breaks in utility service or road closures would occur as a result of project implementation; therefore, potential impacts would be *less than significant*.
- b. The project site is located within a developed site located within an urban area of Santa Maria. Future development of the project site would not substantially change the existing topography of the project site. Future development would be required to meet all applicable standards for fire prevention within the CBC and California Fire Code, including having adequate access to water for fire protection purposes, provision of fire detection equipment, fire sprinklers, etc. Future development would also be required to comply with the City weed abatement program. Therefore, the project would not exacerbate

wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire, and potential impacts would be *less than significant*.

- c. The future development project would include the installation of new electricity, water, wastewater, stormwater, and natural gas infrastructure and connections to City infrastructure. These proposed infrastructure components would occur within existing developed land and would be required to be installed in full compliance with applicable CBC and California Fire Code regulations; therefore, potential impacts associated with exacerbation of fire risk from installation of new infrastructure would be *less than significant*.
- d. The project site is generally flat and would not be located near a hillslope or in an area subject to downstream flooding or landslides. A future industrial or manufacturing development shall not include any design elements that would expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes. Therefore, impacts would be *less than significant*.

Mitigation Measure(s) incorporated into the project:

Implementation of the proposed project would not result in potentially significant impacts related to wildfire; therefore, mitigation is not necessary.

CONSULTATION AND DATA SOURCES

CONSULTATION SOURCES

City Departments Consulted

<input type="checkbox"/>	Administrative Services
<input type="checkbox"/>	Attorney
<input checked="" type="checkbox"/>	Fire
<input type="checkbox"/>	Library
<input type="checkbox"/>	City Manager
<input type="checkbox"/>	Police
<input checked="" type="checkbox"/>	Public Works
<input checked="" type="checkbox"/>	Utilities
<input checked="" type="checkbox"/>	Recreation and Parks

County Agencies/Departments Consulted

<input checked="" type="checkbox"/>	Air Pollution Control District
<input type="checkbox"/>	Association of Governments
<input checked="" type="checkbox"/>	Flood Control District
<input type="checkbox"/>	Environmental Health
<input type="checkbox"/>	Fire (Hazardous Materials)
<input type="checkbox"/>	LAFCO
<input type="checkbox"/>	Public Works
<input type="checkbox"/>	Planning and Development
<input type="checkbox"/>	Other (list)

Special Districts Consulted

<input type="checkbox"/>	Santa Maria Public Airport
<input type="checkbox"/>	Airport Land Use Commission
<input type="checkbox"/>	Cemetery
<input type="checkbox"/>	Santa-Maria Bonita School District
<input type="checkbox"/>	Santa Maria Joint Union High School
<input type="checkbox"/>	Laguna County Sanitation District
<input type="checkbox"/>	Cal Cities Water Company

State/Federal Agencies Consulted

<input type="checkbox"/>	Army Corps of Engineers
<input type="checkbox"/>	Caltrans
<input checked="" type="checkbox"/>	CA Fish and Game
<input checked="" type="checkbox"/>	Federal Fish and Wildlife
<input type="checkbox"/>	FAA
<input type="checkbox"/>	Regional Water Quality Control Bd.
<input type="checkbox"/>	Integrated Waste Management Bd.
<input type="checkbox"/>	Other (list)

DATA SOURCES

General Plan

<input checked="" type="checkbox"/>	Land Use Element
<input checked="" type="checkbox"/>	Circulation Element
<input checked="" type="checkbox"/>	Safety Element
<input checked="" type="checkbox"/>	Noise Element
<input type="checkbox"/>	Housing Element
<input checked="" type="checkbox"/>	Resources Management Element

Other

<input checked="" type="checkbox"/>	Agricultural Preserve Maps
<input checked="" type="checkbox"/>	Archaeological Maps/Reports
<input checked="" type="checkbox"/>	Architectural Elevations
<input checked="" type="checkbox"/>	Biology Reports
<input checked="" type="checkbox"/>	CA Oil and Gas Maps
<input checked="" type="checkbox"/>	FEMA Maps (Flood)
<input type="checkbox"/>	Grading Plans
<input type="checkbox"/>	Site Plan
<input type="checkbox"/>	Topographic Maps
<input checked="" type="checkbox"/>	Aerial Photos
<input checked="" type="checkbox"/>	Traffic Studies
<input checked="" type="checkbox"/>	Trip Generation Manual (ITE)
<input checked="" type="checkbox"/>	URBEMIS Air Quality Model
<input checked="" type="checkbox"/>	Zoning Maps
<input checked="" type="checkbox"/>	Other: Airport Land Use Compatibility Plan

Appendix

- A - August 2023 Air Quality and Greenhouse Gas Emissions Study - Rincon Consultants, Inc
- B- October 2023 Biological Resources Assessment – David Wolff Environmental, LLC
- C - August 2023 Phase I Environmental Site Assessment - Rincon Consultants, Inc
- D- September 2023 Transportation Impact Study – Central Coast Transportation Consulting
- E- Response to Public Comments

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MANDATORY FINDINGS OF SIGNIFICANCE

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
1. Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?		X		
2. Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)		X		
3. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?		X		

Discussion:

Proposed development of the land uses permitted under the proposed PD/M-1 zoning designation within the project site have the potential to result in temporary construction related impacts to air quality, biological resources, cultural resources, geology and soils, hazards and hazardous materials, noise, and tribal cultural resources. However, mitigation measures have been identified to reduce potential impacts to a less-than-significant level, including but not limited to, fugitive dust controls, diesel-idling minimization, nesting bird avoidance, California Red-Legged Frog avoidance, inadvertent discovery of archaeological and paleontological resources protocol, soil management and noise control measures.

When a project's impacts are considered along or in combination with other reasonably foreseeable impacts, a project's potential *cumulative impacts* may be found to be significant. However, in this case, mitigation measures have been incorporated into the project to reduce project-related impacts to a less-than-significant level. Based on implementation of identified project-specific mitigation measures and the relatively limited number and extent of potential impacts, the cumulative effects of the proposed project would not be cumulatively considerable and would be *less than significant*.

With incorporation of mitigation measures identified in this Initial Study, potential environmental effects of the project would not directly or indirectly result in any substantial adverse effects on human beings and this impact would be *less than significant*.

SUMMARY OF POTENTIALLY SIGNIFICANT IMPACTS

	Aesthetics		Mineral Resources
	Agriculture and Forest Resources	X	Noise
X	Air Quality		Population and Housing
X	Biological Resources		Public Services
X	Cultural Resources		Recreation
	Energy		Transportation
X	Geology and Soils	X	Tribal Cultural Resources
	Greenhouse Gas Emissions		Utilities and Services Systems
X	Hazards and Hazardous Materials		Wildfire
	Hydrology and Water Quality	X	Mandatory Findings of Significance
	Land Use and Planning		

DETERMINATION

On the basis of the Initial Study, the staff of the Community Development Department:

- Finds that the proposed project is a Class ____ **CATEGORICAL EXEMPTION** and no further environmental review is required.
- Finds that the proposed project **COULD NOT** have a significant effect on the environment, and a **NEGATIVE DECLARATION** will be prepared.
- X Finds that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A **MITIGATED NEGATIVE DECLARATION** will be prepared.
- Finds that the proposed project **MAY** have a significant effect on the environment, and an **ENVIRONMENTAL IMPACT REPORT** is required.
- Finds that the proposed project **MAY** have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to acceptable standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on the attached sheets. An **ENVIRONMENTAL IMPACT REPORT (EIR)/SUBSEQUENT EIR/SUPPLEMENTAL EIR/ADDENDUM** is required, but it must analyze only the effects that remain to be addressed.
- Finds that although the proposed project could have a significant effect on the environment, because all significant effects (a) have been analyzed adequately in an earlier **EIR** or **NEGATIVE DECLARATION** pursuant to acceptable standards, and (b) have been avoided or mitigated pursuant to that earlier **EIR** or **NEGATIVE DECLARATION**, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.



Cody Graybehl
Environmental Analyst



Dana Eady
Environmental Officer

10/8/24

Date

10/8/24

Date



City of Santa Maria
Community Development Department
110 South Pine Street, #101
Santa Maria, CA 93458
805-925-0951



Santa Maria Airport Rezoning Project

Air Quality and Greenhouse Gas Emissions Study

prepared for

RRM Design Group

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San Luis Obispo, CA 93401

Contact: Pam A. Ricci

prepared by

Rincon Consultants, Inc.

319 East Carrillo Street, Suite 105

Santa Barbara, California 93101

August 2023



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Appendix A California Emissions Estimator Model Outputs

1 Project Description

1.1 Introduction

This study analyzes the potential air quality and greenhouse gas (GHG) emissions impacts of the proposed Santa Maria Airport Rezoning Project (herein referred to as “project” or “proposed project”) in Santa Maria, California. Rincon Consultants, Inc. (Rincon) prepared this study under contract to RRM Design Group in support of environmental documentation being prepared pursuant to the California Environmental Quality Act (CEQA). The purpose of this study is to analyze the project’s air quality and GHG emissions impacts related to both temporary construction activity and long-term operation of the project. The conclusions of this study are summarized in Table 1.

Table 1 Summary of Impacts

Impact Statement	Proposed Project’s Level of Significance	Applicable Recommendations
Air Quality		
Would the Project conflict with or obstruct implementation of the applicable air quality plan?	Less than significant Impact	None
Would the Project result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is in non-attainment under an applicable federal or state ambient air quality standard?	Less than significant impact	None
Would the Project expose sensitive receptors to substantial pollutant concentrations?	Less than significant impact	None
Would the Project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	Less than significant impact	None
Greenhouse Gas Emissions		
Would the Project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	Less than significant impact	None
Would the Project conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	Less than significant impact	None

1.2 Project Summary

Project Location

The project site is a mostly vacant 6.95-acre parcel located on the west side of A Street, opposite the intersection of Fairway Drive in the City of Santa Maria (City). The project site’s land use classification is Airport Service (AS-1) and zoning designation is Open Space (OS). Nearby land uses include commercial uses to the north, commercial and industrial uses to the east, Santa Maria Airport and open space to the south, and open space to the west. Figure 1 shows the project site’s regional location, and Figure 2 shows an aerial view of the project site.

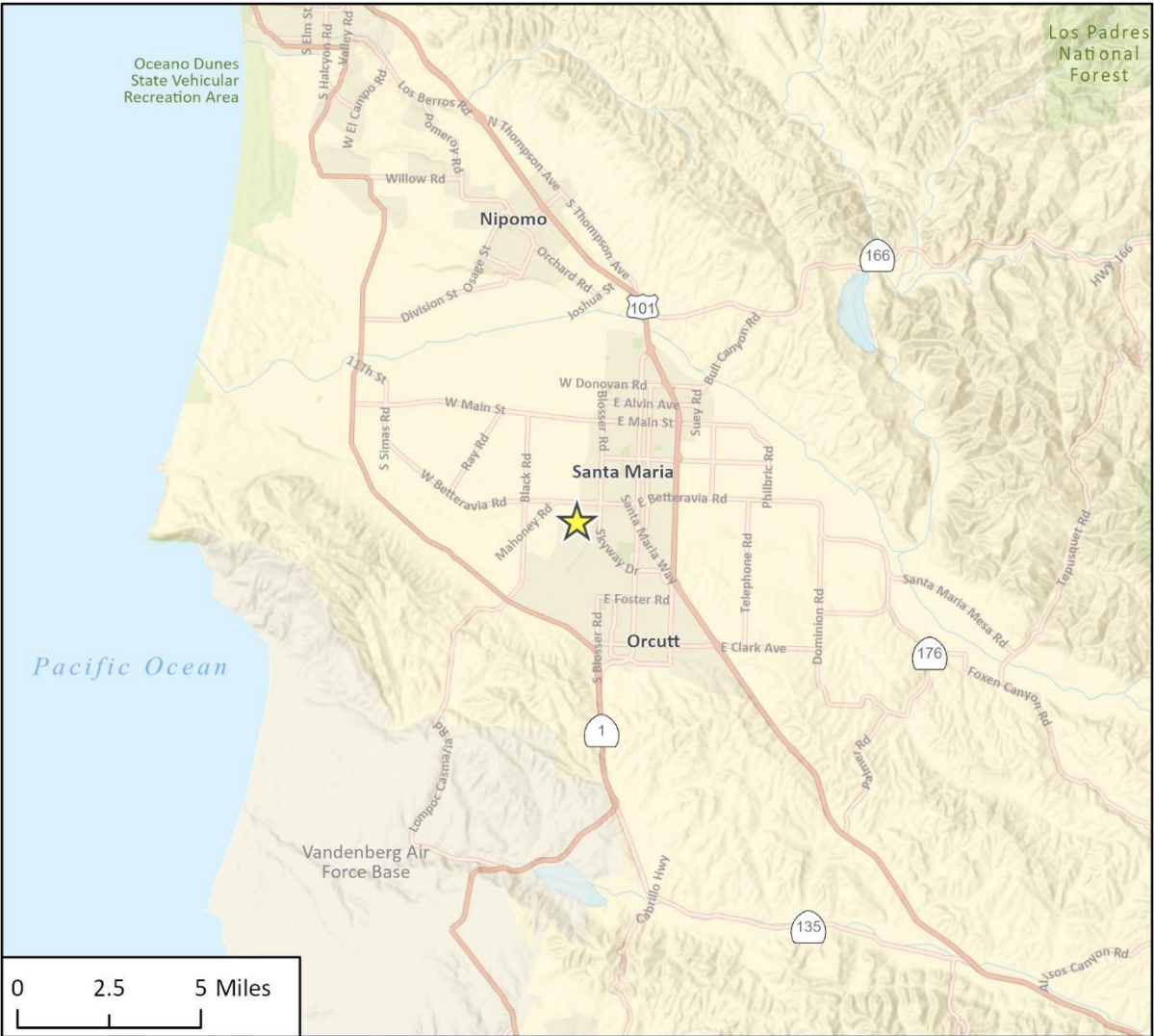
Project Description

The project would consist of changing the site's land use classification from Airport Service (AS-1) to Light Industrial (LI) and rezoning from Open Space (OS) to Light Manufacturing (M-1). The goal of rezoning the project site is to provide the opportunity to develop the site with a light industrial use that is compatible to those in the near vicinity. Development of the project site would have a maximum build-out range of 75,000 to 100,000 square feet of buildings.

Construction

Construction activities are anticipated to occur over the course of 14 months from June 2025 through July 2026. Construction would involve demolition, site preparation, grading, building construction, paving, and architectural coating. The Project would involve construction of a maximum buildout range of 75,000 to 100,000 square feet of buildings. The Project site is vacant; however, approximately 15,000 to 20,000 cubic yards would be imported onsite to elevate the site above the adjacent flood elevation.

Figure 1 Regional Location



Imagery provided by Esri and its licensors © 2023.

23-14608 EPS
Fig 1 Regional Location

★ Project Location

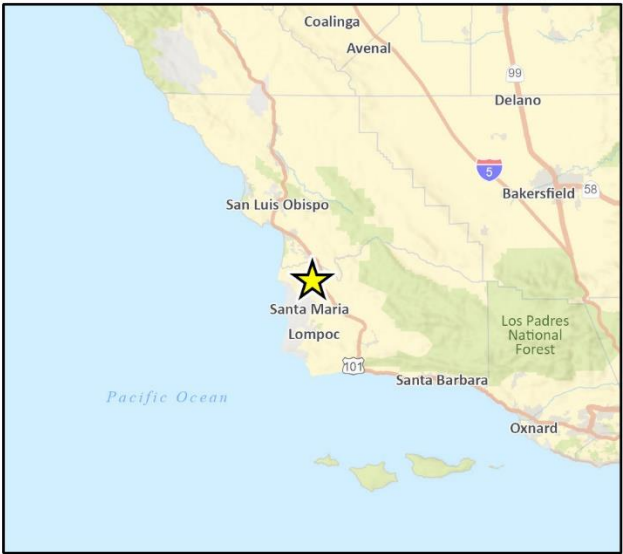


Figure 2 Project Site Location



Imagery provided by Microsoft Bing and its licensors © 2023.

23-14608 EPS
Fig 2 Project Location

2 Air Quality

2.1 Environmental and Regulatory Setting

2.1.1 Local Climate and Meteorology

California is divided geographically into 15 air basins for managing the air resources of the state on a regional basis. Areas within each air basin are considered to share the same air masses and, therefore, are expected to have similar ambient air quality. The Project site is located in the South Central Coast Air Basin (SCCAB), which covers San Luis Obispo, Santa Barbara, and Ventura counties. The Santa Barbara County Air Pollution Control District (SBCAPCD) monitors and regulates local air quality in Santa Barbara County. The climate of the SCCAB is strongly influenced by its proximity to the Pacific Ocean and the location of the high-pressure cell in the northeastern Pacific. With a Mediterranean type climate, Santa Maria is characterized by warm, dry summers and cool winters with occasional rainy periods.

Cool, humid, marine air causes frequent fog and low clouds along the coast, generally during the night and morning hours in the late spring and early summer months. The Project area is subject to a diurnal cycle in which daily onshore winds from the west and northwest are replaced by mild offshore breezes flowing from warm inland valleys during night and early morning hours. This alternating cycle can create a situation where suspended pollutants are swept offshore at night, and then carried back onshore the following day. Dispersion of pollutants is further degraded when the wind velocity for both day and nighttime breezes is low. The region is also subject to seasonal "Santa Ana" winds. These are typically hot, dry northerly winds which blow offshore at 15 to 20 miles per hour (mph), but can reach speeds in excess of 60 mph.

Two types of temperature inversions (warmer air on top of cooler air) are created in the area: subsidence and radiational. The subsidence inversion is a regional effect created by the Pacific high in which air is heated as it is compressed when it flows from a high-pressure area to low pressure areas inland. This type of inversion generally forms at about 1,000 to 2,000 feet and can occur throughout the year, but it is most evident during the summer months. Radiational, or surface, inversions are formed by the more rapid cooling of air near the ground during the night, especially during winter. This type of inversion is typically lower (0 to 500 feet at Vandenberg Air Force Base, for example) and is generally accompanied by stable air. Both types of inversions limit the dispersal of air pollutants within the regional airshed, with the more stable the air (low wind speeds, uniform temperatures), the lower the amount of pollutant dispersion.

Air pollutant emissions in the SCCAB are generated primarily by stationary and mobile sources. Stationary sources can be divided into two major subcategories: point and area sources. Point sources occur at a specific location and are often identified by an exhaust vent or stack. Examples include boilers or combustion equipment that produce electricity or generate heat. Area sources are widely distributed and include such sources as residential and commercial water heaters, painting operations, lawn mowers, agricultural fields, landfills, and some consumer products. Mobile sources refer to emissions from motor vehicles, including tailpipe and evaporative emissions, and are classified as either on-road or off-road. On-road sources may be legally operated on roadways and highways. Off-road sources include aircraft, ships, trains, and self-propelled construction equipment. Air pollutants can also be generated by the natural environment, such as when high winds suspend fine dust particles.

The predominant wind direction in the vicinity of project site is from the northwest, and the average wind speed is approximately 7 mph (Western Regional Climate Center 2023). The average daily high temperature in the project area is approximately 69 degrees Fahrenheit (°F), and the minimum average daily temperature is approximately 46°F. Total precipitation in the project area averages approximately 13.95 inches annually (U.S. Climate Data 2023).

2.1.2 Air Pollutants of Primary Concern

Primary criteria pollutants are emitted directly from a source (e.g., vehicle tailpipe, an exhaust stack of a factory, etc.) into the atmosphere. Primary criteria pollutants include carbon monoxide (CO), nitrogen dioxide (NO₂), fine particulate matter (PM₁₀ and PM_{2.5}), sulfur dioxide (SO₂), and lead. Ozone is considered a secondary criteria pollutant because it is created by atmospheric chemical and photochemical reactions between reactive organic compounds (ROC) and nitrogen oxides (NO_x). The Project would generate CO, PM₁₀, PM_{2.5}, SO₂, and lead as well as ozone precursors ROC and NO_x (including NO₂) during construction and operation. These pollutants can have adverse impacts on human health at certain levels of exposure. The following subsections describe the characteristics, sources, and health and atmospheric effects of air pollutants.

Ozone

Ozone (O₃) is produced by a photochemical reaction (triggered by sunlight) between NO_x and ROC.¹ NO_x is formed during the combustion of fuels, while ROC is formed during the combustion and evaporation of organic solvents. As a highly reactive molecule, O₃ readily combines with many different atmosphere components. Consequently, high O₃ levels tend to exist only while high ROC and NO_x levels are present to sustain the O₃ formation process. Once the precursors have been depleted, O₃ levels rapidly decline. Because these reactions occur on a regional rather than local scale, O₃ is considered a regional pollutant. In addition, because O₃ requires sunlight to form, it mainly occurs in concentrations considered serious between April and October. People most at risk from O₃ include people with asthma, children, older adults, and people who are active outdoors, especially outdoor workers. In addition, people with reduced intake of certain nutrients, such as vitamins C and E, are at greater risk from O₃ exposure. Depending on the level of exposure, O₃ can cause coughing and a sore or scratch throat; make it more difficult to breathe deeply and vigorously and cause pain when taking a deep breath; inflame and damage the airways; make the lungs more susceptible to infection; aggravate lung diseases such as asthma, emphysema, and chronic bronchitis; and increase the frequency of asthma attacks (United States Environmental Protection Agency [U.S. EPA] 2023a).

Carbon Monoxide

CO is a localized pollutant found in high concentrations only near its source. The primary source of CO, a colorless, odorless, poisonous gas, is automobile traffic's incomplete combustion of petroleum fuels. Therefore, elevated concentrations are usually only found near areas of high traffic volumes. When CO levels are elevated outdoors, they can be of particular concern for people with some types of heart disease. These people already have a reduced ability to get oxygenated blood to their

¹ Organic compound precursors of ozone are routinely described by a number of variations of three terms: hydrocarbons (HC), organic gases (OG), and organic compounds (OC). These terms are often modified by adjectives such as total, reactive, or volatile, and result in a rather confusing array of acronyms: HC, THC (total hydrocarbons), RHC (reactive hydrocarbons), TOG (total organic gases), ROG (reactive organic gases), TOC (total organic compounds), ROC (reactive organic compounds), and VOC (volatile organic compounds). While most of these differ in some significant way from a chemical perspective, two groups are important from an air quality perspective: non-photochemically reactive in the lower atmosphere, or photochemically reactive in the lower atmosphere (HC, RHC, ROG, ROC, and VOC). SBCAPCD uses the term ROC to denote organic precursors.

hearts in situations where they need more oxygen than usual. As a result, they are especially vulnerable to the effects of CO when exercising or under increased stress. In these situations, short-term exposure to elevated CO may result in reduced oxygen to the heart accompanied by chest pain, also known as angina (U.S. EPA 2023b)

Nitrogen Dioxide

Nitrogen dioxide (NO₂) is a by-product of fuel combustion. The primary sources are motor vehicles and industrial boilers, and furnaces. The principal form of NO_x produced by combustion is nitric oxide (NO), but NO reacts rapidly to form NO₂, creating the mixture of NO and NO₂, commonly called NO_x. NO₂ is a reactive, oxidizing gas and an acute irritant capable of damaging cell linings in the respiratory tract. Breathing air with a high concentration of NO₂ can irritate airways in the human respiratory system. Such exposures over short periods can aggravate respiratory diseases leading to respiratory symptoms (such as coughing, wheezing, or difficulty breathing), hospital admissions, and visits to emergency rooms. Longer exposures to elevated concentrations of NO₂ may contribute to the development of asthma and potentially increase susceptibility to respiratory infections. People with asthma, such as children and the elderly are generally at greater risk for the health effects of NO₂ (U.S. EPA 2023c). NO₂ absorbs blue light and causes a reddish-brown cast to the atmosphere and reduced visibility. It can also contribute to the formation of O₃ (smog) and acid rain.

Sulfur Dioxide

SO₂ is included in a group of highly reactive gases known as “oxides of sulfur.” The largest sources of SO₂ emissions are from fossil fuel combustion at power plants (73 percent) and other industrial facilities (20 percent). Smaller sources of SO₂ emissions include industrial processes such as extracting metal from ore and burning fuels with a high sulfur content by locomotives, large ships, and off-road equipment. Short-term exposures to SO₂ can harm the human respiratory system and make breathing difficult. People with asthma, particularly children, are sensitive to these effects of SO₂ (U.S. EPA 2023d).

Particulate Matter

Suspended atmospheric PM₁₀ and PM_{2.5} are comprised of finely divided solids and liquids such as dust, soot, aerosols, fumes, and mists. Both PM₁₀ and PM_{2.5} are emitted into the atmosphere as by-products of fuel combustion and wind erosion of soil and unpaved roads. The atmosphere, through chemical reactions, can form particulate matter. The characteristics, sources, and potential health effects of PM₁₀ and PM_{2.5} can be very different. PM₁₀ is generally associated with dust mobilized by wind and vehicles. In contrast, PM_{2.5} is generally associated with combustion processes and formation in the atmosphere as a secondary pollutant through chemical reactions. PM₁₀ can cause increased respiratory disease, lung damage, cancer, premature death, reduced visibility, surface soiling. For PM_{2.5}, short-term exposures (up to 24-hours duration) have been associated with premature mortality, increased hospital admissions for heart or lung causes, acute and chronic bronchitis, asthma attacks, emergency room visits, respiratory symptoms, and restricted activity days. These adverse health effects have been reported primarily in infants, children, and older adults with preexisting heart or lung diseases (California Air Resource Board [CARB] 2023a)).

Lead

Lead (Pb) is a metal found naturally in the environment, as well as in manufacturing products. The major sources of lead emissions historically have been mobile and industrial. However, due to the United States EPA's regulatory efforts to remove lead from gasoline, atmospheric Pb concentrations have declined substantially over the past several decades. The most dramatic reductions in Pb emissions occurred before 1990 due to the removal of Pb from gasoline sold for most highway vehicles. Pb emissions were further reduced substantially between 1990 and 2008, with reductions occurring in the metals industries at least partly due to national emissions standards for hazardous air pollutants (U.S. EPA 2014). As a result of phasing out leaded gasoline, metal processing is currently the primary source of Pb emissions. The highest Pb level in the air is generally found near Pb smelters. Other stationary sources include waste incinerators, utilities, and Pb-acid battery manufacturers. Pb can adversely affect the nervous system, kidney function, immune system, reproductive and developmental systems, and cardiovascular system depending on exposure. Pb exposure also affects the oxygen-carrying capacity of the blood. The Pb effects most likely encountered in current populations are neurological in children. Infants and young children are susceptible to Pb exposures, contributing to behavioral problems, learning deficits, and lowered IQ (U.S. EPA 2023e).

Toxic Air Contaminants

In addition to the criteria pollutants discussed above, Toxic Air Contaminants (TAC) are airborne substances diverse group of air pollutants that may cause or contribute to an increase in deaths or serious illness, or that may pose a present or potential hazard to human health. TACs include both organic and inorganic chemical substances that may be emitted from a variety of common sources, including gasoline stations, motor vehicles, dry cleaners, industrial operations, painting operations, and research and teaching facilities. One of the main sources of TACs in California is diesel engine exhaust that contains solid material known as diesel particulate matter (DPM). More than 90 percent of DPM is less than one micron in diameter (about 1/70th the diameter of a human hair) and thus is a subset of PM_{2.5}. Because of their extremely small size, these particles can be inhaled and eventually trapped in the bronchial and alveolar regions of the lungs (CARB 2023a). TACs are different than criteria pollutants because ambient air quality standards have not been established for TACs. TACs occurring at extremely low levels may still cause health effects and it is typically difficult to identify levels of exposure that do not produce adverse health effects. TAC impacts are described by carcinogenic risk and by chronic (i.e., long duration) and acute (i.e., severe but of short duration) adverse effects on human health. People exposed to TACs at sufficient concentrations and durations may have an increased chance of getting cancer or experiencing other serious health effects. These health effects can include damage to the immune system, as well as neurological, reproductive (e.g., reduced fertility), developmental, respiratory, and other health problems (U.S. EPA 2023f).

2.2 Air Quality Regulation

The federal and state governments have authority under the federal and state Clean Air Act (CAA) to regulate emissions of airborne pollutants and have established ambient air quality standards (AAQS) for the protection of public health. An air quality standard is defined as "the maximum amount of a pollutant averaged over a specified period of time that can be present in outdoor air without harming public health" (CARB 2023b). The U.S. EPA is the federal agency designated to administer air quality regulation, while CARB is the state equivalent in California. Federal and state AAQS have

been established for six criteria pollutants: O₃, CO, NO₂, SO₂, PM₁₀, PM_{2.5}, and Pb. AAQS are designed to protect those segments of the public most susceptible to respiratory distress, such as children under the age of 14, the elderly (over the age of 65), persons engaged in strenuous work or exercise, and people with cardiovascular and chronic respiratory diseases (U.S. EPA 2016). In addition, the State of California has established health-based ambient air quality standards for these and other pollutants, some of which are more stringent than the federal standards (CARB 2023c). The federal and state Clean Air Acts are described in more detail below.

Federal Air Quality Regulations

The federal CAA was enacted in 1970 and amended in 1977 and 1990 (42 United States Code [USC] 7401) for the purposes of protecting and enhancing the quality of the nation's air resources to benefit public health, welfare, and productivity. In 1971, to achieve the purposes of Section 109 of the CAA (42 USC 7409), the U.S. EPA developed primary and secondary National Ambient Air Quality Standards (NAAQS). NAAQS have been designated for the following criteria pollutants: ozone, CO, NO₂, SO₂, PM₁₀, PM_{2.5}, and lead.

The primary NAAQS “in the judgment of the Administrator², based on such criteria and allowing an adequate margin of safety, are requisite to protect the public health,” and the secondary standards are to “protect the public welfare from any known or anticipated adverse effects associated with the presence of such air pollutant in the ambient air” (42 USC 7409[b][2]). The U.S. EPA classifies specific geographic areas as either “attainment” or “nonattainment” areas for each pollutant based on the comparison of measured data with the NAAQS. States are required to adopt an enforceable plan, known as a State Implementation Plan (SIP), to achieve and maintain air quality meeting the NAAQS. State plans also must control emissions that drift across state lines and adversely affect air quality in downwind states. Once a nonattainment area has achieved the air quality standards for a particular pollutant, it may be redesignated to an attainment area for that pollutant. To be redesignated, the area must meet air quality standards and have a 10-year plan for continuing to meet and maintain air quality standards, as well as satisfy other requirements of the federal CAA. Areas that have been redesignated to attainment are called maintenance areas. Table 2 lists the current federal standards for regulated pollutants.

² The term “Administrator” means the Administrator of the U.S. EPA.

Table 2 Federal and State Ambient Air Quality Standards

Pollutant	NAAQS	CAAQS
Ozone	0.070 ppm (8-hr avg)	0.09 ppm (1-hr avg) 0.070 ppm (8-hr avg)
Carbon Monoxide	35.0 ppm (1-hr avg) 9.0 ppm (8-hr avg)	20.0 ppm (1-hr avg) 9.0 ppm (8-hr avg)
Nitrogen Dioxide	0.100 ppm (1-hr avg) 0.053 ppm (annual avg)	0.18 ppm (1-hr avg) 0.030 ppm (annual avg)
Sulfur Dioxide	0.075 ppm (1-hr avg) 0.5 ppm (3-hr avg) 0.14 ppm (24-hr avg) 0.030 ppm (annual avg)	0.25 ppm (1-hr avg) 0.04 ppm (24-hr avg)
Lead	0.15 µg/m ³ (rolling 3-month avg) 1.5 µg/m ³ (calendar quarter)	1.5 µg/m ³ (30-day avg)
Particulate Matter (PM ₁₀)	150 µg/m ³ (24-hr avg)	50 µg/m ³ (24-hr avg) 20 µg/m ³ (annual avg)
Particulate Matter (PM _{2.5})	35 µg/m ³ (24-hr avg) 12 µg/m ³ (annual avg)	12 µg/m ³ (annual avg)
Visibility-Reducing Particles	No Federal Standards	Extinction coefficient of 0.23 per kilometer – visibility of ten miles or more (0.07 - 30 miles or more for Lake Tahoe) due to particles when relative humidity is less than 70 percent. Method: Beta Attenuation and Transmittance through Filter Tape. (8-hr avg)
Sulfates	No Federal Standards	25 µg/m ³ (24-hr avg)
Hydrogen Sulfide	No Federal Standards	0.03 ppm (1-hr avg)
Vinyl Chloride	No Federal Standards	0.01 ppm (24-hr avg)

NAAQS = National Ambient Air Quality Standards; CAAQS = California Ambient Air Quality Standards; ppm = parts per million; avg = average; µg/m³ = micrograms per cubic meter

Source: CARB 2016

To derive the NAAQS, the U.S. EPA reviews data from integrated science assessments and risk/exposure assessments to determine the ambient pollutant concentrations at which human health impacts occur, then reduces these concentrations to establish a margin of safety (U.S. EPA 2022a). As a result, human health impacts caused by the air pollutants discussed above may affect people when ambient air pollutant concentrations are at or above the concentrations established by the NAAQS. The closer a region is to attaining a particular NAAQS, the lower the human health impact is from that pollutant (San Joaquin Valley Air Pollution Control District 2015). Accordingly, ambient air pollutant concentrations below the NAAQS are considered to be protective of human health (CARB 2023b and 2023c). The NAAQS and the underlying science that forms the basis of the

NAAQS are reviewed every five years to determine whether updates are necessary to continue protecting public health with an adequate margin of safety (U.S. EPA 2015).

State Air Quality Regulations

CALIFORNIA CLEAN AIR ACT

The California Clean Air Act (CCAA) was enacted in 1988 (California Health & Safety Code §39000 et seq.). Under the CCAA, the state has developed the California Ambient Air Quality Standards (CAAQS), which are generally more stringent than the NAAQS. Table 2 lists the current state standards for regulated pollutants. In addition to the federal criteria pollutants, the CAAQS also specify standards for visibility-reducing particles, sulfates, hydrogen sulfide, and vinyl chloride. Similar to the federal CAA, the CCAA classifies specific geographic areas as either “attainment” or “nonattainment” areas for each pollutant, based on the comparison of measured data within the CAAQS.

TOXIC AIR CONTAMINANTS

A toxic air contaminant (TAC) is an air pollutant that may cause or contribute to an increase in mortality or serious illness, or which may pose a present or potential hazard to human health. TACs may result in long-term health effects such as cancer, birth defects, neurological damage, asthma, or genetic damage, or short-term acute effects such as eye watering, respiratory irritation, runny nose, throat pain, and headaches. TACs are considered either carcinogenic or non-carcinogenic based on the nature of the health effects associated with exposure. For carcinogenic TACs, potential health impacts are evaluated in terms of overall relative risk expressed as excess cancer cases per one million exposed individuals. Non-carcinogenic TACs differ in that there is generally assumed to be a safe level of exposure below which no negative health impact is believed to occur. These levels are determined on a pollutant-by-pollutant basis.

TACs include both organic and inorganic chemical substances. One of the main sources of TACs in California is diesel engines that emit exhaust containing solid material known as DPM; however, TACs may be emitted from a variety of common sources, including gasoline stations, motor vehicles, dry cleaners, industrial operations, painting operations, and research and teaching facilities.

In 1983, the California Legislature enacted a program to identify the health effects of TACs and to reduce exposure to these contaminants to protect the public health (Assembly Bill [AB] 1807: Health and Safety Code Sections 39650–39674). The Legislature established a two-step process to address the potential health effects from TACs. The first step is the risk assessment (or identification) phase. The second step is the risk management (or control) phase of the process.

The California Air Toxics Program establishes the process for the identification and control of TACs and includes provisions to make the public aware of significant toxic exposures and for reducing risk. Additionally, the Air Toxics "Hot Spots" Information and Assessment Act (AB 2588, 1987, Connelly Bill) was enacted in 1987 and requires stationary sources to report the types and quantities of certain substances routinely released into the air. The goals of the Air Toxics "Hot Spots" Act are to collect emission data, identify facilities having localized impacts, ascertain health risks, notify nearby residents of significant risks, and reduce those significant risks to acceptable levels. The Children's Environmental Health Protection Act, California Senate Bill (SB) 25 (Chapter 731, Escutia, Statutes of 1999), focuses on children's exposure to air pollutants. The act requires the CARB to review its air quality standards from a children's health perspective, evaluate the statewide air quality monitoring network, and develop any additional air toxic control measures needed to protect children's health.

STATE IMPLEMENTATION PLAN

The SIP is a collection of documents that set forth the state's strategies for achieving the AAQS. In California, the SIP is a compilation of new and previously submitted plans, programs (such as monitoring, modeling, and permitting), district rules, state regulations, and federal controls. The CARB is the lead agency for all purposes related to the SIP under state law. Local air districts and other agencies, such as the Department of Pesticide Regulation and the Bureau of Automotive Repair, prepare SIP elements and submit them to CARB for review and approval. CARB then forwards SIP revisions to the United States EPA for approval and publication in the Federal Register. The items included in the California SIP are listed in the Code of Federal Regulations (CFR) at 40 CFR 52.220.

The 2022 Santa Barbara County Ozone Plan is the SIP for Santa Barbara County. The 2022 Ozone Plan (2022 Plan) accommodates growth by projecting the growth in emissions based on different indicators. For example, population forecasts adopted by the Santa Barbara County Association of Governments (SBCAG) are used to forecast population-related emissions. Through the planning process, emissions growth is offset by basin-wide controls on stationary, area, and transportation sources of air pollution.

In addition, the following California Code of Regulations would be applicable to the proposed Project:

- **Engine Idling.** In accordance with Section 2485 of Title 13 of the California Code of Regulations, the idling of all diesel-fueled commercial vehicles (weighing over 10,000 pounds) during construction shall be limited to five minutes at any location.
- **Emission Standards.** In accordance with Section 93115 of Title 17 of the California Code of Regulations, operation of any stationary, diesel-fueled, compression-ignition engines shall meet specified fuel and fuel additive requirements and emission standards.

NAAQS and CAAQS Attainment Status

California is divided geographically into 15 air basins for managing the air resources of the state on a regional basis. Areas within each air basin are considered to share the same air masses and, therefore, are expected to have similar ambient air quality. If an air basin is not in either federal or state attainment for a particular pollutant, the basin is classified as a nonattainment area for that pollutant. Under the federal and state CAA, once a nonattainment area has achieved the air quality standards for a particular pollutant, it may be redesignated to an attainment area for that pollutant. To be redesignated, the area must meet air quality standards and have a 10-year plan for continuing to meet and maintain air quality standards, as well as satisfy other requirements of the federal CAA. Areas that have been redesignated to attainment are called maintenance areas.

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The project site is within Santa Barbara County, which currently meets the NAAQS for all criteria air pollutants. Santa Barbara County is classified as attainment/maintenance area under the CAAQS for CO, and attainment for PM_{2.5}. Santa Barbara County is currently classified as a nonattainment area under the CAAQS for O₃, and PM₁₀ (SBCAPCD 2023).

Local Air Quality Regulations

SANTA BARBARA COUNTY AIR POLLUTION CONTROL DISTRICT

As the local air quality management agency, the SBCAPCD is required to monitor air pollutant levels to ensure that state and federal air quality standards are met and, if they are not met, to develop strategies to meet the standards. Depending on whether the standards are met or exceeded, the SCCAB is classified as being in “attainment” or “nonattainment.” In areas designated as non-attainment for one or more air pollutants, a cumulative air quality impact exists for those air pollutants, and the human health impacts described in Section 2.1, *Environmental and Regulatory Setting*, are already occurring in that area as part of the environmental baseline condition.

Under state law, air districts are required to prepare a plan for air quality improvement for pollutants for which the district is in non-compliance. The *2001 Clean Air Plan* (2002) was the first plan prepared by SBCAPCD and established specific planning requirements to maintain the state one-hour O₃ standard. In 2006, CARB revised the CAAQS and added an 8-hour average to the O₃ standard. Both components of the standard must now be met before CARB can designate an area as in attainment. The most recent *2022 Ozone Plan* was adopted by SBCAPCD in December 2022 and was the seventh update to the *2001 Clean Air Plan*. The *2022 Ozone Plan* addresses the state O₃ standards only because SBCAPCD is designated “attainment” for the federal 8-hour O₃ standards, including the most recent standard of 0.070 ppm promulgated by the United States EPA in 2015.

To minimize potential impacts from Project emissions, the SBCAPCD implements rules and regulations for emissions that may be generated by various uses and activities. The rules and regulations detail pollution-reduction measures that must be implemented during construction and operation of Projects. Rules and regulations relevant to the Project include the following:

- **Rule 345 (Control of Fugitive Dust from Construction and Demolition Activities).** This rule establishes fugitive dust control requirements for any activity associated with construction or demolition of a structure or structures.
- **Rule 323.1 (Architectural Coatings).** This rule establishes volatile organic content limits for architectural coatings that are manufactured, blended, repackaged, supplied, sold, or offered for sale within the SBCAPCD. Rule 323.1 limits the volatile organic content to 50 grams per liter for flat coatings and 100 grams per liter for nonflat coatings and traffic marking coatings.
- **Rule 329 (Cutback and Emulsified Asphalt Paving Materials).** This rule establishes ROC content limits pertaining to the manufacture, application, and sale of cutback and emulsified asphalt materials for paving, construction, and maintenance of streets, highways, parking lots, and driveways.

CITY OF SANTA MARIA

The City of Santa Maria’s General Plan, adopted in 1996, lists several air quality policies as part of its Resource Management Element that supplement those of the SBCAPCD. The following policy is applicable to the proposed project (City of Santa Maria 2001):

- Policy 2.** Improve and maintain the quality of air to ensure the health of all residents in the Santa Maria Valley by reducing mobile and stationary source air pollutant emissions through the use of efficient land use patterns, the implementation and promotion of alternative transportation modes and other transportation system management programs. (Refer to the Circulation Element for related policies and programs.)

2.3 Current Air Quality

Table 3 summarizes the annual air quality data for the local airshed. CARB maintains over 250 air quality monitoring stations throughout California, including 11 stations in Santa Barbara County. Other monitoring stations in Santa Barbara County are maintained by SBCAPCD. The nearest monitoring station to the project site is the Santa Maria-906 S Broadway station, located at 906 South Broadway approximately 2.5-miles northeast of the project site. The pollutants monitored at this station include O₃, PM₁₀, PM_{2.5}, and NO₂. As shown in Table 3, PM₁₀ measurements exceeded the State standards in the years 2019 through 2021. In addition, PM_{2.5} measurements exceeded the federal PM_{2.5} standard exceedances in 2020. No other state or federal standards were exceeded at this monitoring station. Since CO and SO₂ are in attainment in the Santa Barbara County region, it's not monitored at the nearest air monitoring station and therefore ambient air quality is not reported for this pollutant.

Table 3 Ambient Air Quality at the Nearest Monitoring Station

Pollutant	2019	2020	2021
Ozone (ppm), Worst Hour	0.059	0.063	0.075
Number of days of state exceedances (>0.09 ppm)	0	0	0
Number of days of federal exceedances (>0.12 ppm)	0	0	0
Ozone (ppm), 8-Hour Average	0.052	0.059	0.50
Number of days of state and federal exceedances (>0.07 ppm)	0	0	0
NO ₂ (ppm), Worst Hour	0.034	0.036	0.025
Number of days of state exceedances (>0.18 ppm)	0	0	0
Number of days of federal exceedances (>0.10 ppm)	0	0	0
PM ₁₀ (µg/m ³), Worst 24 Hours	132.5	113.3	54.3
Number of days of state exceedances (>50 µg/m ³)	15	32	1
Number of days of federal exceedances (>150 µg/m ³)	0	0	0
PM _{2.5} (µg/m ³), Worst 24 Hours	14.7	88.4	12.4
Number of days of federal exceedances (>35 µg/m ³)	0	9	0

ppm= parts per million, µg/m³ = microgram per cubic meter, NO₂= nitrogen dioxide, PM₁₀= particulate matter with 10 microns in diameter or less, PM_{2.5} = particulate matter with 2.5 microns in diameter or less.

Source: CARB 2023d

Sensitive Receptors

CARB and the Office of Environmental Health Hazard Assessment (OEHHA) have identified the following groups of individuals as the most likely to be affected by air pollution: the elderly over 65, children under 14, infants (including in utero in the third trimester of pregnancy), and persons with cardiovascular and chronic respiratory diseases such as asthma, emphysema, and bronchitis (CARB 2005; OEHHA 2015). Some land uses considered more sensitive to air pollution than others due to

the types of population groups present or activities involved are referred to as sensitive receptors. Examples of these sensitive receptors are residences, schools/daycare centers, and hospitals. The nearest sensitive receptors are single-family homes approximately 2,170 feet north of the project site and single-family homes approximately 3,340 feet east of the project site.

2.4 Impact Analysis

2.4.1 Methodology

Air pollutant emissions generated by project construction and operation were estimated using the California Emissions Estimator Model (CalEEMod), version 2022.1. CalEEMod is a statewide land use emissions computer model designed to provide a uniform platform for government agencies, land use planners, and environmental professionals to quantify potential criteria pollutant and GHG emissions associated with both construction and operations from a variety of land use projects. CalEEMod allows for the use of standardized data (e.g., emission factors, trip lengths, meteorology, source inventory) provided by the various California air districts to account for local requirements and conditions, and/or user-defined inputs. The calculation methodology and input data used in CalEEMod can be found in the CalEEMod User's Guide Appendices C, D, and G (California Air Pollution Control Officers Associated CAPCOA 2022). The analysis reflects construction and operation of the proposed project as described in Section 1.2, *Project Summary*.

Construction

Project construction would primarily generate temporary criteria pollutant emissions from construction equipment operation on-site, construction worker vehicle trips to and from the site, and import of materials off-site. Construction of the proposed Project was analyzed based on the land use type and square footage provided by the applicant, which includes a maximum range of 100,000 square feet of building square footage. It is assumed a parking lot would be included in the ultimate project; therefore, the project conservatively assumes the remaining project area would be constructed as a parking lot.³ Construction of the proposed Project was assumed to begin in June 2025 and end in July 2026. The analysis used CalEEMod assumptions for construction schedule, equipment lists, and vehicle trips, based on applicant-provided information. The project would import approximately 20,000 cubic yards of soil import during the grading phase. It is assumed that the existing water pump facility and yard would be removed; therefore, approximately 300 square feet of building material would be demolished, and 14,810 square feet of asphalt material would be removed, based on aerial Google Earth images. In addition, construction equipment used would be diesel-powered and the Project would comply with applicable regulatory standards, such as SBCAPCD fugitive dust control measures and Rule 323.1 Architectural Coating.

Operation

Operational emissions modeled include mobile source emissions, energy emissions, and area source emissions. Mobile source emissions are generated by vehicle trips to and from the project site. The trip generation rates for unrefrigerated no-rail warehouse developments were based on average trip rates from the Institute of Transportation Engineers (ITE) 10th edition of the Trip Generation

³ The project site is approximately 6.95 acres. A minimum 75,000 square foot building would cover approximately 1.71 acres of land (one acre = 43,560 square feet).. Therefore, it is conservatively assumed a parking lot would be 5.23 acres of land (6.95 – 1.71 acres = 5.23 acres).

Manual utilized in CalEEMod (California Air Pollution Control Officers Association [CAPCOA] 2022).⁴ Emissions attributed to energy use include natural gas consumption by appliances and space and water heating. In addition, area source emissions are generated by consumer products and architectural coatings.

CO Hotspots

According to SBCAPCD's *Scope and Content of Air Quality Sections in Environmental Documents*, due to the relatively low background ambient CO levels in Santa Barbara County, localized CO impacts associated with congested intersections are not expected to exceed the CO health-related air quality standards. Therefore, CO "Hotspot" analyses are not required anymore (SBCAPCD 2022).

2.4.2 Significance Thresholds

To determine whether a project would have a significant air quality impact, Appendix G of the *CEQA Guidelines* requires consideration of whether a project would:

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

As stated in the *State CEQA Guidelines*, the significance criteria established by the regional air quality management or air quality pollution control district may be relied upon to make determinations. SBAPCD's recommended significance criteria are described in its *Environmental Review Guidelines* and are summarized below.

Construction Emissions Thresholds

SBCAPCD does not currently have quantitative thresholds of significance for short-term construction emissions. However, CEQA requires that the short-term impacts such as exhaust emissions from construction equipment and fugitive dust generation during grading be analyzed. SBAPCD recommends that construction-related NO_x, ROC, PM₁₀, and PM_{2.5} emissions, from diesel and gasoline powered equipment, paving, and other activities, be quantified.

According to the SBAPCD's *Scope and Content of Air Quality Sections in Environmental Documents*, it recommends quantification of construction-related emissions and suggests a 25-tons-per-year threshold for ROC or NO_x as a guideline for determining the significance of construction impacts (SBCAPCD 2022). This is a limit that requires offsets if the construction activity is for a project that requires SBCAPCD permits and also provides guidance for other construction projects involving standard grading and building activities. The City of Santa Maria has elected to use this threshold.

Based on SBCAPCD 1979 Air Quality Attainment Plan, standard dust control measures must be implemented for any discretionary project involving earthmoving activities, regardless of size or duration. According to the SBAPCD, proper implementation of these required measures reduces

⁴ The project area would be rezoned to a to-be-determined industrial land use; therefore, unrefrigerated warehouse no rail land use provides general industrial assumptions for future development onsite.

fugitive dust emissions to a level that is less than significant (SBAPCD 2022). Therefore, all construction activity would be required to incorporate the SBAPCD requirements pertaining to minimizing construction-related emissions and demolition of existing structures.

Operational Emissions Thresholds

As described in SBCAPCD's *Scope and Content of Air Quality Sections in Environmental Documents* and in *Environmental Review Guidelines*, a project will not have a significant air quality effect on the environment if operational activities would:

- Emit from all project sources (both stationary and mobile) less than 240 pounds per day of ROC;
- Emit from all project sources (both stationary and mobile) less than 240 pounds per day of NO_x;
- Emit from all project sources (both stationary and mobile) less than 80 pounds per day of PM₁₀;
- Emit less than 25 pounds per day of ROC from motor vehicle trips only;
- Emit less than 25 pounds per day of NO_x from motor vehicle trips only; and
- Not cause or contribute to a violation of any California or National Ambient Air Quality Standard (except ozone); or
- Not exceed the public notification health risk thresholds adopted by the SBCAPCD of 10 excess cancer cases in a million for cancer risk or a Hazard Index of more than 1.0 for non-cancer risk; or
- Be consistent with the latest adopted in federal and state air quality plans for Santa Barbara County.

2.4.3 Project Impacts

Threshold 1: Would the Project conflict with or obstruct implementation of the applicable air quality plan?
--

Impact AQ-1 THE PROJECT WOULD NOT CONFLICT WITH OR OBSTRUCT IMPLEMENTATION OF THE APPLICABLE AIR QUALITY PLAN. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

The SBCAPCD Guidelines state that a project is consistent with the Clean Air Plan if its direct and indirect emissions have been accounted for in the Clean Air Plan's emissions forecast assumptions and if it would incorporate the standard fugitive dust control measures recommended by SBCAPCD during construction activities. The 2022 Ozone Plan's direct and indirect emissions inventory for the County is reliant on population projections provided by the Santa Barbara County Association of Governments (SBCAG). SBCAG generates population projections based on local General Plans. In this case, SBCAG utilized population projections contained in the City of Santa Maria General Plan, which are based on existing and anticipated land uses in the city.

The 2022 Ozone Plan is based on countywide employment data provided by the California Department of Finance. The 2022 Ozone Plan also states that its growth projections are similar to that of the 2019 SBCAG Regional Growth Forecast 2050, in which assumptions about future land development patterns were used to generate future population and jobs forecasts for Santa Barbara County (SBCAG 2019). These growth projections for Santa Maria are shown in Table 4.

Table 4 SBCAG Population and Job Projections for Santa Maria

Year	Population Forecast	Job Forecast
2020	111,900	43,270
2025	121,900	46,040
2030	127,600	47,310

Source: SBCAG 2019

The proposed project would involve the construction and operation of an industrial building. The proposed project has no residential uses and would not directly increase population growth. However, the proposed project could potentially increase the number of new employees in Santa Maria. SBCAG does not have an employment density study for the area, therefore, new employees were estimated using Southern California Association of Governments' Employment Density Study, adjacent region to SBCAG. The project is estimated to add approximately 38 new employees (SCAG 2001)⁵. Project employees would likely be drawn from the existing labor pool in the region who are not anticipated to relocate to the city. However, to demonstrate compliance with the 2022 Ozone Plan, the analysis conservatively assumes that all 38 new employees would become new households; therefore, based on the Department of Finance persons per household estimate in Santa Maria, the project would add 138 new residents⁶. SBCAG's growth forecast projects population in Santa Maria to increase from 111,900 population in 2020 to 121,900 by 2025 and 127,600 by 2030, an increase of 15,700 residents by 2030. In addition, the growth forecast for jobs

⁵ The average employees per acre for Manufacturing, Assembly, and Industrial Services land uses would be approximately 16.34. The project's max industrial building range is 100,000 square feet or 2.3 acres. Therefore, the project would generate approximately 38 new employees ($16.34 \times 2.3 = 37.58$ employees).

⁶ Based on Department of Finance data, the City of Santa Maria has a persons per household of 3.61 ($38 \text{ new households} \times 3.61 \text{ persons per household} = 137.18 \text{ new residents}$).

would increase from 43,270 jobs in 2020 to 46,040 by 2025, and 47,310 by 2030, an increase of 4,040 jobs by 2030. The addition of 138 residents and 38 employees to the City of Santa Maria would not exceed SBCAG's growth forecasts of population and jobs for the City (SBCAG 2019).

Projects are expected to manage fugitive dust emissions such that emissions do not exceed SBCAPCD's visible emissions limit (Rule 302), create a public nuisance (Rule 303), and are in compliance with the SBCAPCD's requirements and standards for visible dust (Rule 345). Based on these rules, the following standard SBCAPCD fugitive dust control measures would be required for project implementation:

- During construction, water trucks or sprinkler systems shall be used to keep all areas of vehicle movement damp enough to prevent dust from leaving the site and from exceeding SBCAPCD's limit of 20 percent opacity for greater than three minutes in any 30-minute period. At a minimum, this should include wetting down such areas in the late morning and after work is completed for the day. Increased watering frequency shall be required whenever the wind speed exceeds 15 mph. Reclaimed water shall be used whenever possible. However, reclaimed water shall not be used in or around crops for human consumption.
- The amount of disturbed area shall be minimized.
- On-site vehicle speeds shall be no greater than 15 mph when traveling on unpaved surfaces.
- A track-out prevention device shall be installed and operated where vehicles enter and exit unpaved roads onto paved streets. The track-out prevention device can include any device or combination of devices that are effective at preventing track out of dirt such as gravel pads, pipe-grid track-out control devices, rumble strips, or wheel washing systems.
- If stockpiling of material is involved, soil stockpiled for more than one day shall be covered, kept moist, or treated with soil binders to prevent dust generation.
- After clearing, grading, earth moving or excavation is completed, the disturbed area shall be treated by watering, or using roll-compaction, or revegetating, or by spreading soil binders until the area is paved or otherwise developed so that dust generation will not occur. All driveways and sidewalks to be paved/surfaced shall be completed as soon as possible.
- The contractor or builder shall designate a person or persons to monitor the dust control program and to order increased watering, as necessary, to prevent the transport of dust off-site. Their duties shall include holiday and weekend periods when work may not be in progress. The name and telephone number of such persons shall be provided to the SBCAPCD prior to grading/building permit issuance and/or map clearance.
- The project applicant shall comply with SBCAPCD Rule 345: Control of Fugitive Dust from Construction and Demolition Activities, including all applicable standards and measures therein.

Therefore, the proposed project would be consistent with the applicable air quality plan, and impacts would be less than significant.

Threshold 2: Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in non-attainment under an applicable federal or state ambient air quality standard?

Impact AQ-2 PROJECT CONSTRUCTION AND OPERATION WOULD NOT RESULT IN A CUMULATIVELY CONSIDERABLE NET INCREASE OF A CRITERIA POLLUTANT FOR WHICH THE PROJECT REGION IS IN NON-ATTAINMENT UNDER AN APPLICABLE FEDERAL OR STATE AMBIENT AIR QUALITY STANDARD. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

Construction

Construction activities would generate temporary air pollutant emissions associated with fugitive dust (PM₁₀ and PM_{2.5}), exhaust emissions from heavy construction vehicles, and ROC that would be released during the drying phase after application of architectural coatings. Table 5 summarizes emissions that would be generated under project construction. As shown therein, construction emissions generated under construction would not exceed the SBCAPCD threshold of 25 tons per year for ROC or NO_x.

Table 5 Estimated Annual Construction Emissions

Construction Year	Annual Emissions (tons per year)					
	ROC	NO _x	CO	SO ₂	PM ₁₀ ¹	PM _{2.5} ¹
2025	<1	1	1	<1	<1	<1
2026	1	1	1	<1	<1	<1
SBCAPCD Thresholds	25	25	N/A	N/A	N/A	N/A
Threshold Exceeded?	No	No	N/A	N/A	N/A	N/A

ROC = reactive organic compounds, NO_x = nitrogen oxides, CO = carbon monoxide, SO₂ = sulfur dioxide, PM₁₀ = particulate matter 10 microns in diameter or less, PM_{2.5} = particulate matter 2.5 microns or less in diameter

¹Total PM₁₀ fugitive dust and exhaust.

Notes: All emissions modeling was completed using CalEEMod. See Appendix A for modeling results. Some numbers may not add up due to rounding. Emission data is pulled from "mitigated" results, which account for compliance with regulations (including SBCAPCD Rules 345, 323.1, and 329).

Operation

Table 6 summarizes the project's operational emissions by emission source (area, energy, mobile and off-road equipment) under project operation. As shown in Table 6, operational emissions from the project would not exceed SBCAPCD thresholds. Therefore, impacts would be less than significant.

Table 6 Estimated Average Daily Operational Emissions

Emissions Source	Average Daily Emissions (pounds per day)					
	ROC	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}
Area	3	<1	4	<1	<1	<1
Energy	<1	<1	<1	<1	<1	<1
Mobile	1	1	4	<1	1	<1
Total	4	1	8	<1	1	<1
Threshold (area + energy + mobile)	240	240	N/A	N/A	80	N/A
Threshold Exceeded?	No	No	N/A	N/A	No	N/A
Threshold (mobile only)	25	25	N/A	N/A	N/A	N/A
Threshold Exceeded?	No	No	N/A	N/A	N/A	N/A

ROC = reactive organic compounds, NO_x = nitrogen oxides, CO = carbon monoxide, SO₂ = sulfur dioxide, PM₁₀ = particulate matter 10 microns in diameter or less, PM_{2.5} = particulate matter 2.5 microns or less in diameter; lbs/day = pounds per day

Notes: All emissions modeling was completed using CalEEMod. See Appendix A for modeling results. Some numbers may not add up due to rounding. Emission data is pulled from “mitigated” results, which account for compliance with regulations (including SBCAPCD Rule 323.1) and project design features. Emissions presented are the highest of the winter and summer modeled emissions.

Threshold 3: Would the project expose sensitive receptors to substantial pollutant concentrations?

Impact AQ-3 THE PROJECT WOULD NOT EXPOSE SENSITIVE RECEPTORS TO SUBSTANTIAL CONCENTRATIONS OF TAC EMISSIONS. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

As discussed under Section 2.3, *Current Air Quality*, the closest sensitive receptors to the project site single-family residences approximately 2,170 feet north of the project site and single-family residences approximately 3,340 feet east of the project site. The SBCAPCD states that localized air quality impacts to sensitive receptors typically result from TACs (SBCAPCD 2022). The proposed project’s impacts related to TACs is detailed below for construction and operational activities.

Construction

Construction-related activities would result in temporary project-generated emissions of DPM exhaust emissions from off-road, heavy-duty diesel equipment for site preparation, grading, building construction, and other construction activities.

CARB’s Air Quality and Land Use Handbook: A Community Health Perspective (2005) recommends against siting sensitive receptors within 500 feet of a freeway, urban roads with 100,000 vehicles/day, or rural roads with 50,000 vehicles/day. While these siting distances are not particular to construction activities, the primary source of TAC emissions from both freeways and construction equipment is DPM. Therefore, for projects within 1,000 feet of sensitive receptors, a refined health risk assessment should be conducted. However, as the nearest receptors to the project site are 2,170 feet north and 3,340 feet east, construction TAC emissions would have a negligible impact on the closest sensitive receptors. This impact would be less than significant.

Operational

CARB's *Air Quality and Land Use Handbook* (2005) recommends siting sensitive receptors more than 1,000 feet away from distribution centers that generate more than 100 diesel-fueled truck trips per day. Air modeling analysis performed by CARB and SCAQMD showed an 80 percent drop off from diesel particulate emissions from large distribution centers at approximately 1,000 feet (CARB 2005). Based on the average truck ITE trip generation rate for Warehousing (ITE #150), the proposed project would generate approximately 60 two-way truck trips per day to the project site. These trips are assumed to all be diesel-fueled heavy-heavy-duty truck trips. In addition, the nearest sensitive receptor is approximately 2,170 feet north of the project site. Therefore, the project would be well below CARB's threshold of 100 diesel-fueled truck trips per day and outside the recommended siting distance. Thus, the project is consistent with CARB's siting recommendations for TAC emitting sources. In addition, idling of each truck would be limited to five consecutive minutes and operation of diesel-fueled internal combustion engine auxiliary power systems would not be allowed for greater than five minutes within 100 feet of residences pursuant to 13 California Code of Regulations Section 2485. It is unknown if the occupants would require emergency back-up generators or other stationary sources of TAC emissions, however these sources would be permitted through the SBCAPCD and would be required to maintain risk levels below the regulatory thresholds. As such, project operation would not expose sensitive receptors to substantial TAC emissions, and impacts would be less than significant.

Threshold 4: Would the project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?
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Impact AQ-4 THE PROJECT WOULD NOT GENERATE OTHER EMISSIONS, SUCH AS THOSE LEADING TO ODORS, ADVERSELY AFFECTING A SUBSTANTIAL NUMBER OF PEOPLE DURING CONSTRUCTION OR OPERATION. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

The project would generate oil and diesel fuel odors during construction from equipment use. The odors would be limited to the construction period and would be intermittent and temporary. Furthermore, these odors would dissipate rapidly with distance from in-use construction equipment, and the nearest sensitive receptors to project development are located approximately 2,170 feet away from the project site. Accordingly, project construction would not result in other emissions, such as those leading to odors, that would adversely affect a substantial number of people, and impacts would be less than significant.

Potential sources that may emit odors during operation of the proposed project would include diesel fuel odor emissions from the delivery truck emissions. However, trucks would be required to comply with California Code of Regulations Title 13, Section 2485, which limits delivery truck idling times to five minutes or less. Limiting truck idling times would reduce the potential for nuisance odors associated with diesel exhaust emissions in the vicinity of the project site. Furthermore, the project would be required to comply with the requirements of SBCAPCD Rule 303, which prohibits the discharge of air contaminants or other material that would cause injury, detriment, nuisance or annoyance to any considerable number of persons. In addition, the nearest sensitive receptors are located approximately 2,170 feet north of the project site, and odors disperse rapidly with distance. Therefore, due to the distance of the nearest sensitive receptors from the project site and compliance with SBCAPCD Rule 303, project operation would not result in other emissions, such as those leading to odors, adversely affecting a substantial number of people, and impacts would be less than significant.

3 Greenhouse Gas Emissions

3.1 Environmental and Regulatory Setting

3.1.1 Climate Change and Greenhouse Gases

Gases that absorb and re-emit infrared radiation in the atmosphere are called GHGs. The gases that are widely seen as the principal contributors to human-induced climate change include carbon dioxide (CO₂), methane (CH₄), nitrous oxides (N₂O), fluorinated gases such as hydrofluorocarbons (HFCs) and perfluorocarbons (PFCs), and sulfur hexafluoride (SF₆). Water vapor is excluded from the list of GHGs because it is short-lived in the atmosphere and its atmospheric concentrations are largely determined by natural processes, such as oceanic evaporation.

Different types of GHGs have varying global warming potentials (GWP). The GWP of a GHG is the potential of a gas or aerosol to trap heat in the atmosphere over a specified timescale (generally, 100 years). Because GHGs absorb different amounts of heat, a common reference gas (CO₂) is used to relate the amount of heat absorbed to the amount of the gas emitted, referred to as “carbon dioxide equivalent” (CO₂e), which is the amount of GHG emitted multiplied by its GWP. Carbon dioxide has a 100-year GWP of one. By contrast, methane has a GWP of 30, meaning its global warming effect is 30 times greater than CO₂ on a molecule per molecule basis (Intergovernmental Panel on Climate Change [IPCC] 2021).⁷

Climate change is the observed increase in the average temperature of the Earth’s atmosphere and oceans along with other substantial changes in climate (such as wind patterns, precipitation, and storms) over an extended period. The term “climate change” is often used interchangeably with the term “global warming,” but climate change is preferred because it conveys that other changes are happening in addition to rising temperatures. The baseline against which these changes are measured originates in historical records that identify temperature changes that occurred in the past, such as during previous ice ages. The global climate is changing continuously, as evidenced in the geologic record which indicates repeated episodes of substantial warming and cooling. The rate of change has typically been incremental, with warming or cooling trends occurring over the course of thousands of years. The past 10,000 years have been marked by a period of incremental warming, as glaciers have steadily retreated across the globe. However, scientists have observed acceleration in the rate of warming over the past 150 years. The IPCC expressed that the rise and continued growth of atmospheric CO₂ concentrations is unequivocally due to human activities in the IPCC’s Sixth Assessment Report (2021). Human influence has warmed the atmosphere, ocean, and land, which has led the climate to warm at an unprecedented rate in the last 2,000 years. It is estimated that between the period of 1850 through 2019, that a total of 2,390 gigatonnes of anthropogenic CO₂ was emitted. It is likely that anthropogenic activities have increased the global surface temperature by approximately 1.07 degrees Celsius between the years 2010 through 2019 (IPCC 2021).

⁷ The Intergovernmental Panel on Climate Change’s (2021) *Sixth Assessment Report* determined that methane has a GWP of 30. However, the 2017 Climate Change Scoping Plan published by the California Air Resources Board uses a GWP of 25 for methane, consistent with the Intergovernmental Panel on Climate Change’s (2007) *Fourth Assessment Report*. Therefore, this analysis utilizes a GWP of 25.

The accumulation of GHGs in the atmosphere regulates the earth's temperature. Without the natural heat-trapping effect of GHGs, the earth's surface would be about 33 degrees Celsius (°C) cooler (World Meteorological Organization 2023). However, since 1750, estimated concentrations of CO₂, CH₄, and N₂O in the atmosphere have increased by 47 percent, 156 percent, and 23 percent, respectively, primarily due to human activity (IPCC 2021). GHG emissions from human activities, particularly the consumption of fossil fuels for electricity production and transportation, are believed to have elevated the concentration of these gases in the atmosphere beyond the level of concentrations that occur naturally.

3.1.2 Greenhouse Gas Emissions Inventory

Global Emissions Inventory

In 2015, worldwide anthropogenic GHG emissions totaled 47,000 million metric ton (MT) of CO₂e, which is a 43 percent increase from 1990 GHG levels (U.S. EPA 2022b). Specifically, 34,522 MT of CO₂e of CO₂, 8,241 MT of CO₂e of CH₄, 2,997 MT of CO₂e of N₂O, and 1,001 MT of CO₂e of fluorinated gases were emitted in 2015. The largest source of GHG emissions were energy production and use (includes fuels used by vehicles and buildings), which accounted for 75 percent of the global GHG emissions. Agriculture uses and industrial processes contributed 12 percent and six percent, respectively. Waste sources contributed three percent. These sources account for approximately 96 percent (U.S. EPA 2022b).

United States Emissions Inventory

Total U.S. GHG emissions were 6,347.7 MMTCO₂e in 2021. Total U.S. emissions decreased by 2.0 percent from 1990 to 2021. Overall, net emissions increased by 6.8 percent from 2020 to 2021 and decreased 16.3 percent from 2005 levels. From 2019 to 2020, there was a sharp decline in emissions largely due to the impacts of the coronavirus (COVID-19) pandemic on travel and other economic activity. Between 2020 and 2021, the increase in total greenhouse gas emissions was driven largely by an increase in CO₂ emissions from fossil fuel combustion due to economic activity rebounding after the COVID-19 pandemic. In 2021, the largest source of CO₂ and of overall emissions, was fossil fuel combustion, representing approximately 79.5 percent of U.S. GHG emissions. CH₄ accounted for nearly 11.5 percent, N₂O accounted for approximately 6.1 percent, and the remaining 3.0 percent of U.S. GHG emissions were HFCs, PFCs, SF₆, and NF₃ (U.S. EPA 2023g).

California Emissions Inventory

Based on CARB California Greenhouse Gas Inventory for 2000-2020, California produced 369.2 MT of CO₂e in 2020, which is 35.3 MT of CO₂e lower than 2019 levels. The 2019 to 2020 decrease in emissions is likely due in large part to the impacts of the COVID-19 pandemic. The major source of GHG emissions in California is the transportation sector, which comprises 37 percent of the state's total GHG emissions. The industrial sector is the second largest source, comprising 20 percent of the state's GHG emissions while electric power accounts for approximately 16 percent (CARB 2022a). The magnitude of California's total GHG emissions is due in part to its large size and large population compared to other states. However, a factor that reduces California's per capita fuel use and GHG emissions as compared to other states is its relatively mild climate. In 2016, the state of California achieved its 2020 GHG emission reduction target of reducing emissions to 1990 levels as emissions

fell below 431 MT of CO₂e. The annual 2030 statewide target emissions level is 260 MT of CO₂e (CARB 2017).

3.1.3 Potential Effects of Climate Change

Globally, climate change has the potential to affect numerous environmental resources though potential impacts related to future air temperatures and precipitation patterns. Scientific modeling predicts that continued GHG emissions at or above current rates would induce more extreme climate changes during the 21st century than were observed during the 20th century. The year 2022 was the sixth warmest year since global records began in 1880 at 0.86°C (1.55°F) above the 20th century average of 13.9°C (57.0°F). This value is 0.13°C (0.23°F) less than the record set in 2016 and it is only 0.02°C (0.04°F) higher than the last year's (2021) value, which now ranks as the seventh highest (National Oceanic and Atmospheric Administration 2023). Furthermore, several independently analyzed data records of global and regional Land-Surface Air Temperature obtained from station observations jointly indicate that Land Surface Air Temperature and sea surface temperatures have increased. Due to past and current activities, anthropogenic GHG emissions are increasing global mean surface temperature at a rate of 0.2°C per decade. In addition to these findings, there are identifiable signs that global warming is currently taking place, including substantial ice loss in the Arctic over the past two decades (IPCC 2014, 2018).

Potential impacts of climate change in California may include reduced water supply from snowpack, sea level rise, more extreme heat days per year, more large forest fires, and more drought years (California Natural Resource Agency 2019). *California's Fourth Climate Change Assessment* includes regional reports that summarize climate impacts and adaptation solutions for nine regions of the state and regionally specific climate change case studies. However, while there is growing scientific consensus about the possible effects of climate change at a global and statewide level, current scientific modeling tools are unable to predict what local impacts may occur with a similar degree of accuracy (California Natural Resource Agency 2019). A summary follows of some of the potential effects that climate change could generate in California.

Air Quality

Scientists project that the annual average maximum daily temperatures in California could rise by 2.4 to 3.2°C in the next 50 years and by 3.1 to 4.9°C in the next century (California Natural Resource Agency 2019). Higher temperatures are conducive to air pollution formation and rising temperatures could therefore result in worsened air quality in California. As a result, climate change may increase the concentration of ground-level ozone, but the magnitude of the effect, and therefore its indirect effects, are uncertain. In addition, as temperatures have increased in recent years, the area burned by wildfires throughout the state has increased, and wildfires have occurred at higher elevations in the Sierra Nevada Mountains (California Natural Resource Agency 2019). If higher temperatures continue to be accompanied by an increase in the incidence and extent of large wildfires, air quality could worsen. Severe heat accompanied by drier conditions and poor air quality could increase the number of heat-related deaths, illnesses, and asthma attacks throughout the state. With increasing temperatures, shifting weather patterns, longer dry seasons, and more dry fuel loads, the frequency of large wildfires and area burned is expected to increase (California Natural Resources Agency 2021).

Water Supply

Analysis of paleoclimatic data (such as tree-ring reconstructions of stream flow and precipitation) indicates a history of naturally and widely varying hydrologic conditions in California and the west, including a pattern of recurring and extended droughts. Uncertainty remains with respect to the overall impact of climate change on future precipitation trends and water supplies in California. Year-to-year variability in statewide precipitation levels has increased since 1980, meaning that wet and dry precipitation extremes have become more common (California Department of Water Resources 2018). For example, the winter of 2022-2023 had severe storms and flooding from increased rainfall and snowmelt, which the California Department of Water Resources identified as “the latest example that California’s climate is becoming more extreme” (California Department of Water Resources 2023). This uncertainty regarding future precipitation trends complicates the analysis of future water demand, especially where the relationship between climate change and its potential effect on water demand is not well understood. The average early spring snowpack in the western United States, including the Sierra Nevada Mountains, decreased by about 10 percent during the last century. During the same period, sea level rose over 0.15 meter along the central and southern California coasts (California Natural Resource Agency 2019). The Sierra snowpack provides the majority of California’s water supply as snow that accumulates during wet winters is released slowly during the dry months of spring and summer. A warmer climate is predicted to reduce the fraction of precipitation that falls as snow and the amount of snowfall at lower elevations, thereby reducing the total snowpack (California Natural Resource Agency 2019). Projections indicate that the average spring snowpack in the Sierra Nevada and other mountain catchments in central and northern California will decline by approximately 66 percent from its historical average by 2050 (California Natural Resource Agency 2019).

Hydrology and Sea Level Rise

Climate change could affect the intensity and frequency of storms and flooding (California Natural Resource Agency 2019). Furthermore, climate change could induce substantial sea level rise in the coming century. Rising sea level increases the likelihood of and risk from flooding. The rate of increase of global mean sea levels between 1993 to 2022, observed by satellites, is approximately 3.4 millimeters per year, double the twentieth century trend of 1.6 millimeters per year (World Meteorological Organization 2013; National Aeronautics and Space Administration 2023). Global mean sea levels in 2013 were about 0.23 meter higher than those of 1880 (National Oceanic and Atmospheric Administration 2022). Sea levels are rising faster now than in the previous two millennia, and the rise will probably accelerate, even with robust GHG emission control measures. The most recent IPCC report predicts a mean sea level rise ranging between 0.25 to 1.01 meters by 2100 with the sea level ranges dependent on a low, intermediate, or high GHG emissions scenario (IPCC 2021). A rise in sea levels could erode 31 to 67 percent of southern California beaches and cause flooding of approximately 370 miles of coastal highways during 100-year storm events. This would also jeopardize California’s water supply due to saltwater intrusion and induce groundwater flooding and/or exposure of buried infrastructure (California Natural Resource Agency 2019). Furthermore, increased storm intensity and frequency could affect the ability of flood-control facilities, including levees, to handle storm events.

Agriculture

California has an over \$51.1 billion annual agricultural industry that produces over a third of the country’s vegetables and three-quarters of the country’s fruits and nuts (California Department of

Food and Agriculture 2022). Higher CO₂ levels can stimulate plant production and increase plant water-use efficiency. However, if temperatures rise and drier conditions prevail, certain regions of agricultural production could experience water shortages of up to 16 percent, which would increase water demand as hotter conditions lead to the loss of soil moisture. In addition, crop yield could be threatened by water-induced stress and extreme heat waves, and plants may be susceptible to new and changing pest and disease outbreaks (California Natural Resource Agency 2019). Temperature increases could also change the time of year certain crops, such as wine grapes, bloom or ripen, and thereby affect their quality (California Climate Change Center 2006).

Ecosystems and Wildlife

Climate change and the potential resultant changes in weather patterns could have ecological effects on the global and local scales. Soil moisture is likely to decline in many regions due to higher temperatures, and intense rainstorms are likely to become more frequent. Rising temperatures could have four major impacts on plants and animals: timing of ecological events; geographic distribution and range of species; species composition and the incidence of nonnative species within communities; and ecosystem processes, such as carbon cycling and storage (Parmesan 2006; California Natural Resource Agency 2019).

3.1.4 Regulatory Setting

Federal Regulations

Federal Clean Air Act

The U.S. Supreme Court determined in *Massachusetts et al. v. Environmental Protection Agency et al.* ([2007] 549 U.S. 05-1120) that the U.S. EPA has the authority to regulate motor vehicle GHG emissions under the federal Clean Air Act. The U.S. EPA issued a Final Rule for mandatory reporting of GHG emissions in October 2009. This Final Rule applies to fossil fuel suppliers, industrial gas suppliers, direct GHG emitters, and manufacturers of heavy-duty and off-road vehicles and vehicle engines and requires annual reporting of emissions. In 2012, the U.S. EPA issued a Final Rule that established the GHG permitting thresholds that determine when Clean Air Act permits under the New Source Review Prevention of Significant Deterioration and Title V Operating Permit programs are required for new and existing industrial facilities.

In *Utility Air Regulatory Group v. Environmental Protection Agency* (134 Supreme Court 2427 [2014]), the U.S. Supreme Court held the U.S. EPA may not treat GHGs as an air pollutant for purposes of determining whether a source can be considered a major source required to obtain a Prevention of Significant Deterioration or Title V permit. The Court also held that Prevention of Significant Deterioration permits otherwise required based on emissions of other pollutants may continue to require limitations on GHG emissions based on the application of Best Available Control Technology.

State Regulations

CARB is responsible for the coordination and oversight of state and local air pollution control programs in California. There are numerous regulations aimed at reducing the state's GHG emissions. These initiatives are summarized below. For more information on the Senate and Assembly Bills, executive orders, building codes, and reports discussed below, and to view reports and research referenced below, please refer to the following websites:

<https://www.energy.ca.gov/data-reports/reports/californias-fourth-climate-change-assessment>, www.arb.ca.gov/cc/cc.htm, and <https://www.dgs.ca.gov/BSC/Codes>.

California Global Warming Solutions Act of 2006 (Assembly Bill 32 and Senate Bill 32)

The “California Global Warming Solutions Act of 2006,” (AB 32), outlines California’s major legislative initiative for reducing GHG emissions. AB 32 codifies the statewide goal of reducing GHG emissions to 1990 levels by 2020 and requires CARB to prepare a Scoping Plan that outlines the main State strategies for reducing GHG emissions to meet the 2020 deadline. In addition, AB 32 requires CARB to adopt regulations to require reporting and verification of statewide GHG emissions. Based on this guidance, CARB approved a 1990 statewide GHG level and 2020 target of 431 MMT of CO₂e, which was achieved in 2016. CARB approved the Scoping Plan on December 11, 2008, which included GHG emission reduction strategies related to energy efficiency, water use, and recycling and solid waste, among others (CARB 2008). Many of the GHG reduction measures included in the Scoping Plan (e.g., Low Carbon Fuel Standard, Advanced Clean Car standards, and Cap-and-Trade) have been adopted since the Scoping Plan’s approval.

The CARB approved the 2013 Scoping Plan update in May 2014. The update defined CARB’s climate change priorities for the next five years, set the groundwork to reach post-2020 statewide goals, and highlighted California’s progress toward meeting the “near-term” 2020 GHG emission reduction goals defined in the original Scoping Plan. It also evaluated how to align the state’s longer term GHG reduction strategies with other state policy priorities, including those for water, waste, natural resources, clean energy, transportation, and land use (CARB 2014).

On September 8, 2016, the governor signed Senate Bill (SB) 32 into law, extending the California Global Warming Solutions Act of 2006 by requiring the state to further reduce GHG emissions to 40 percent below 1990 levels by 2030 (the other provisions of AB 32 remain unchanged). On December 14, 2017, CARB adopted the 2017 Scoping Plan, which provides a framework for achieving the 2030 target. The 2017 Scoping Plan relies on the continuation and expansion of existing policies and regulations, such as the Cap-and-Trade Program, and implementation of recently adopted policies and legislation, such as SB 1383 and SB 100 (discussed later). The 2017 Scoping Plan also puts an increased emphasis on innovation, adoption of existing technology, and strategic investment to support its strategies. As with the 2013 Scoping Plan update, the 2017 Scoping Plan does not provide project-level thresholds for land use development. Instead, it recommends that local governments adopt policies and locally appropriate quantitative thresholds consistent with statewide per capita goals of six MT of CO₂e by 2030 and two MT of CO₂e by 2050 (CARB 2017). As stated in the 2017 Scoping Plan, these goals may be appropriate for plan-level analyses (city, county, sub-regional, or regional level), but not for specific individual projects because they include all emissions sectors in the state (CARB 2017).

2022 Update to the Climate Change Scoping Plan

In response to the passage of AB 1279 and the identification of the 2045 GHG reduction target, CARB published the Final 2022 Climate Change Scoping Plan in November 2022 (CARB 2022b). The 2022 Update builds upon the framework established by the 2008 Climate Change Scoping Plan and previous updates while identifying new, technologically feasible, cost-effective, and equity-focused path to achieve California’s climate target. The 2022 Update includes policies to achieve a significant reduction in fossil fuel combustion, further reductions in short-lived climate pollutants, support for

sustainable development, increased action on natural and working lands (NWL) to reduce emissions and sequester carbon, and the capture and storage of carbon.

The 2022 Update assesses the progress California is making toward reducing its GHG emissions by at least 40 percent below 1990 levels by 2030, as called for in SB 32 and laid out in the 2017 Scoping Plan, addresses recent legislation and direction from Governor Newsom, extends and expands upon these earlier plans, and implements a target of reducing anthropogenic emissions to 85 percent below 1990 levels by 2045, as well as taking an additional step of adding carbon neutrality as a science-based guide for California's climate work. As stated in the 2022 Update, "The plan outlines how carbon neutrality can be achieved by taking bold steps to reduce GHGs to meet the anthropogenic emissions target and by expanding actions to capture and store carbon through the state's NWL and using a variety of mechanical approaches" (CARB 2022b). Specifically, the 2022 Update:

- Identifies a path to keep California on track to meet its SB 32 GHG reduction target of at least 40 percent below 1990 emissions by 2030.
- Identifies a technologically feasible, cost-effective path to achieve carbon neutrality by 2045 and a reduction in anthropogenic emissions by 85 percent below 1990 levels.
- Focuses on strategies for reducing California's dependency on petroleum to provide consumers with clean energy options that address climate change, improve air quality, and support economic growth and clean sector jobs.
- Integrates equity and protecting California's most impacted communities as driving principles throughout the document.
- Incorporates the contribution of NWL to the state's GHG emissions, as well as their role in achieving carbon neutrality.
- Relies on the most up-to-date science, including the need to deploy all viable tools to address the existential threat that climate change presents, including carbon capture and sequestration, as well as direct air capture.
- Evaluates the substantial health and economic benefits of taking action.
- Identifies key implementation actions to ensure success.

In addition to reducing emissions from transportation, energy, and industrial sectors, the 2022 Update includes emissions and carbon sequestration in NWL and explores how NWL contributes to long-term climate goals. Under the Scoping Plan Scenario, California's 2030 emissions are anticipated to be 48 percent below 1990 levels, representing an acceleration of the current SB 32 target. Cap-and-Trade regulation continues to play a large factor in the reduction of near-term emissions for meeting the accelerated 2030 reduction target. Every sector of the economy will need to begin to transition in this decade to meet our GHG reduction goals and achieve carbon neutrality no later than 2045. The 2022 Update approaches decarbonization from two perspectives, managing a phasedown of existing energy sources and technologies, as well as increasing, developing, and deploying alternative clean energy sources and technology.

Senate Bill 375

The Sustainable Communities and Climate Protection Act of 2008 (SB 375), signed in August 2008, enhances the state's ability to reach AB 32 goals by directing the CARB to develop regional GHG emission reduction targets to be achieved from passenger vehicles by 2020 and 2035. SB 375 aligns

regional transportation planning efforts, regional GHG reduction targets, and affordable housing allocations. Metropolitan Planning Organizations (MPOs) are required to adopt a Sustainable Communities Strategy (SCS), which allocates land uses in the MPO's Regional Transportation Plan (RTP). Qualified projects consistent with an approved SCS or Alternative Planning Strategy (categorized as "transit priority projects") can receive incentives to streamline CEQA processing.

On March 22, 2018, CARB adopted updated regional targets for reducing per capita passenger vehicle GHG emissions from 2005 levels by 2020 and 2035. SBCAG was assigned targets of a 13 percent reduction in per capita GHG emissions from passenger vehicles relative to 2005 levels by 2020 and a 17 percent reduction in per capita GHG emissions from passenger vehicles relative to 2005 levels by 2035. The SBCAG Connected 2050 RTP/SCS (2021) demonstrated that the SBCAG region would achieve its initial regional emissions reduction targets for the 2020 and 2035 target years.

Senate Bill 1383

Adopted in September 2016, SB 1383 (Lara, Chapter 395, Statutes of 2016) requires the CARB to approve and begin implementing a comprehensive strategy to reduce emissions of short-lived climate pollutants. SB 1383 requires the strategy to achieve the following reduction targets by 2030:

- Methane – 40 percent below 2013 levels
- Hydrofluorocarbons – 40 percent below 2013 levels
- Anthropogenic black carbon – 50 percent below 2013 levels

SB 1383 also requires the California Department of Resources Recycling and Recovery (CalRecycle), in consultation with the CARB, to adopt regulations that achieve specified targets for reducing organic waste in landfills.

Senate Bill 100

Adopted on September 10, 2018, SB 100 supports the reduction of GHG emissions from the electricity sector by accelerating the state's Renewables Portfolio Standard (RPS) Program, which was last updated by SB 350 in 2015. SB 100 requires electricity providers to increase procurement from eligible renewable energy resources to 33 percent of total retail sales by 2020, 60 percent by 2030, and 100 percent by 2045.

Executive Order B-55-18

On September 10, 2018, the former Governor Brown issued Executive Order (EO) B-55-18, which established a new statewide goal of achieving carbon neutrality by 2045 and maintaining net negative emissions thereafter. This goal is in addition to the existing statewide GHG reduction targets established by SB 375, SB 32, SB 1383, and SB 100.

California Building Standards Code

The California Code of Regulations (CCR) Title 24 is referred to as the California Building Standards Code. It consists of a compilation of several distinct standards and codes related to building construction including plumbing, electrical, interior acoustics, energy efficiency, and handicap accessibility for persons with physical and sensory disabilities. The current iteration is the 2022 Title 24 standards. The California Building Standards Code's energy-efficiency and green building standards are outlined below.

PART 6 – BUILDING ENERGY EFFICIENCY STANDARDS/ENERGY CODE

CCR Title 24, Part 6 is the Building Energy Efficiency Standards or California Energy Code. This code, originally enacted in 1978, establishes energy-efficiency standards for residential and non-residential buildings in order to reduce California’s energy demand. New construction and major renovations must demonstrate their compliance with the current Energy Code through submittal and approval of a Title 24 Compliance Report to the local building permit review authority and the California Energy Commission (CEC). The 2022 Title 24 standards are the applicable building energy efficiency standards for the proposed project because they became effective on January 1, 2023.

PART 11 – CALIFORNIA GREEN BUILDING STANDARDS

The California Green Building Standards Code, referred to as CALGreen, was added to Title 24 as Part 11, first in 2009 as a voluntary code, which then became mandatory effective January 1, 2011 (as part of the 2010 California Building Standards Code). The 2022 CALGreen includes mandatory minimum environmental performance standards for all ground-up new construction of residential and non-residential structures. It also includes voluntary tiers with stricter environmental performance standards for these same categories of residential and non-residential buildings. Local jurisdictions must enforce the minimum mandatory CALGreen standards and may adopt additional amendments for stricter requirements.

The mandatory standards applicable to the project require:

- 20 percent reduction in indoor water use relative to specified baseline levels;⁸
- Waste Reduction:
 - Non-residential: Reuse and/or recycling of 100 percent of trees, stumps, rocks, and associated vegetation soils resulting from primary land clearing;
- Inspections of energy systems to ensure optimal working efficiency;
- Low-pollutant emitting exterior and interior finish materials such as paints, carpets, vinyl flooring, and particleboards;
- Electric Vehicle (EV) Charging for New Construction:⁹
 - Non-residential land uses shall comply with the following EV charging requirements based on the number of passenger vehicle parking spaces:
 - 0-9: no EV capable spaces or charging stations required;
 - 10-25: 4 EV capable spaces but no charging stations required;
 - 26-50: 8 EV capable spaces of which 2 must be equipped with charging stations;
 - 51-75: 13 EV capable spaces of which 3 must be equipped with charging stations;

⁸ Similar to the compliance reporting procedure for demonstrating Energy Code compliance in new buildings and major renovations, compliance with the CALGreen water-reduction requirements must be demonstrated through completion of water use reporting forms. Buildings must demonstrate a 20 percent reduction in indoor water use by either showing a 20 percent reduction in the overall baseline water use as identified in CALGreen or a reduced per-plumbing-fixture water use rate.

⁹ EV Capable = a vehicle space with electrical panel space and load capacity to support a branch circuit and necessary raceways to support EV charging; EV-ready = a vehicle space which is provided with a branch circuit and any necessary raceways to accommodate EV charging stations, including a receptacle for future installation of a charger (see 2022 California Green Building Standard Code, Title 24 Part 11 for full explanation of mandatory measures, including exceptions).

- 76-100: 17 EV capable spaces of which 4 must be equipped with charging stations;
- 101-150: 25 EV capable spaces of which 6 must be equipped with charging stations;
- 151-200: 35 EV capable spaces of which 9 must be equipped with charging stations; and
- More than 200: 20 percent of the total available parking spaces of which 25 percent must be equipped with charging stations;
- Non-residential land uses shall comply with the following EV charging requirements for medium- and heavy-duty vehicles: warehouses, grocery stores, and retail stores with planned off-street loading spaces shall install EV supply and distribution equipment, spare raceway(s) or busway(s) and adequate capacity for transformer(s), service panel(s), or subpanel(s) at the time of construction based on the number of off-street loading spaces as indicated in Table 5.106.5.4.1 of the California Green Building Standards;
- **Bicycle Parking:**
 - Non-residential short-term bicycle parking for projects anticipated to generate visitor traffic: permanently anchored bicycle racks within 200 feet of visitor entrance for 5 percent of new visitor motorized vehicle parking spaces with a minimum of one 2-bike capacity rack; and/or
 - Non-residential buildings with tenant spaces of 10 or more employees/tenant-occupants: secure bicycle parking for 5 percent of the employee/tenant-occupant vehicle parking spaces with a minimum of one bicycle parking facility.
- **Shade Trees (Non-Residential):**
 - Surface parking: minimum No. 10 container size or equal shall be installed to provide shade over 50 percent of the parking within 15 years (unless parking area covered by appropriate shade structures and/or solar);
 - Landscape areas: minimum No. 10 container size or equal shall be installed to provide shade of 20 percent of the landscape area within 15 years; and/or
- **Hardscape areas:** minimum No. 10 container size or equal shall be installed to provide shade of 20 percent of the landscape area within 15 years (unless covered by applicable shade structures and/or solar or the marked area is for organized sports activities).

The voluntary Tier I and Tier II standards require:

- **Tier I:**
 - Stricter energy efficiency requirements;
 - Stricter water conservation requirements for specific fixtures;
 - minimum 65 percent reduction in construction waste with third-party verification, Minimum 10 percent recycled content for building materials;
 - Minimum 20 percent permeable paving;
 - Minimum 20 percent cement reduction;
- **Tier II:**
 - Stricter energy efficiency requirements,
 - Stricter water conservation requirements for specific fixtures;

- Minimum 75 percent reduction in construction waste with third-party verification,
- Minimum 15 percent recycled content for building materials;
- Minimum 30 percent permeable paving;
- Minimum 25 percent cement reduction; and/or

California Integrated Waste Management Act (Assembly Bill 341)

The California Integrated Waste Management Act of 1989, as modified by AB 341 in 2011, requires each jurisdiction's source reduction and recycling element to include an implementation schedule that shows: (1) diversion of 25 percent of all solid waste by January 1, 1995 through source reduction, recycling, and composting activities and (2) diversion of 50 percent of all solid waste on and after January 1, 2000.

Executive Order N-79-20

On September 23, 2020, Governor Newsom issued EO N-79-20, which established the following new statewide goals:

- All new passenger cars and trucks sold in-state to be zero-emission by 2035;
- All medium- and heavy-duty vehicles in the state to be zero-emission by 2045 for all operations where feasible and by 2035 for drayage trucks; and
- All off-road vehicles and equipment to be zero-emission by 2035 where feasible.

EO N-79-20 directs CARB, the Governor's Office of Business and Economic Development, the CEC, the California Department of Transportation, and other state agencies to take steps toward drafting regulations and strategies and leveraging agency resources toward achieving these goals.

The California Climate Crisis Act (Assembly Bill 1279)

AB 1279 was passed on September 16, 2022 and declares the State would achieve net zero greenhouse gas emissions as soon as possible, but no later than 2045. In addition, achieve and maintain net negative greenhouse gas emissions and ensure that by 2045, statewide anthropogenic greenhouse gas emissions are reduced to at least 85% below the 1990 levels. The bill would require updates to the scoping plan (once every five years) to implement various policies and strategies that enable carbon dioxide removal solutions and carbon capture, utilization, and storage technologies.

Clean Energy, Jobs, and Affordability Act of 2022 (Senate Bill 1020)

Adopted on September 16, 2022, SB 1020 creates clean electricity targets for eligible renewable energy resources and zero-carbon resources to supply 90 percent of retail sale electricity by 2035, 95 percent by 2040, 100 percent by 2045, and 100 percent of electricity procured to serve all state agencies by 2035. This bill shall not increase carbon emissions elsewhere in the western grid and shall not allow resource shuffling.

Local Regulations

SBCAG 2050 RTP/SCS

SBCAG adopted its 2050 RTP/SCS (titled Connected 2050) in August 2021. This plan shows how the region will achieve the required SB 375 targets and demonstrates the co-benefits of reducing

criteria pollutants. The 2050 RTP/SCS explores the region's land use and travel patterns, accounts for the demographic growth that will force new demands on both and presents a vision for how they can work together to satisfy the goals important to the region while also meeting the State's greenhouse gas reduction targets. The 2050 RTP/SCS preferred scenario is a Transit-Oriented Development (TOD)/Infill plan in that it strives to accommodate future growth within existing urban areas along transit corridors. The intent of these proposed changes is to shorten trip distances and reduce vehicle miles traveled and emissions by; directly addressing regional jobs/housing imbalance by providing more housing on the jobs-rich South Coast and more jobs in the North County; and promoting more trips, both local and inter-city, by alternative transportation modes, including by foot, bike, or transit. The 2050 RTP/SCS meets and exceeds the California Air Resources Board -17 percent per capita targets for reduction of GHG emissions from passenger vehicles for target year 2035 (SBCAG 2021).

3.2 Impact Analysis

3.2.1 Methodology

Calculations of CO₂, CH₄, and N₂O emissions are provided to identify the magnitude of potential project effects. The analysis focuses on CO₂, CH₄, and N₂O because these comprise 98 percent of all GHG emissions by volume and are the GHG emissions the proposed project would emit in the largest quantities (IPCC 2014). Emissions of all GHGs are converted into their equivalent GWP in terms of CO₂ (i.e., CO₂e). Minimal amounts of other GHGs (such as chlorofluorocarbons [CFCs]) would be emitted; however, these other GHG emissions would not substantially add to the total. Emissions from refrigerants used for cooling systems are also incorporated into the emissions quantifications. GHG emissions associated with project construction and operational activity were calculated using the CalEEMod version 2022.1 (see Appendix A for calculations).

Construction Emissions

During construction, the proposed project would generate GHG emissions primarily from the use of internal combustion engines to power on-site equipment as well as off-site transportation of workers and materials. The Association of Environmental Professionals (2016) has recommended amortizing construction-related emissions over a 30-year period in conjunction with the proposed project's operational emissions since construction emissions occur for a limited period of a project's lifetime. This guidance is used in this analysis. See Section 2.4.1, *Methodology*, for the area and mobile source assumptions that inform the air quality and GHG emissions estimates. The methodology described in Section 2.4.1, *Methodology*, for air quality construction emissions remain the same for estimating constructing GHG emissions.

Operational Emissions

The analysis uses CalEEMod assumptions for mobile, energy, area sources, waste, and water for a warehouse and landscaping.

Electric Use Emissions

GHGs are emitted on-site during the generation of electricity from fossil fuels in power plants. CalEEMod estimates GHG emissions from energy use by multiplying average rates of residential and non-residential energy consumption by the quantities of residential units and non-residential square footage entered in the land use module to obtain total projected energy use. This value is then

multiplied by electricity and natural gas GHG emission factors applicable to the project location and utility provider.

Building energy use is typically divided into energy consumed by the built environment and energy consumed by uses that are independent of the building, such as plug-in appliances. Non-building energy use, or “plug-in energy use,” can be further subdivided by specific end-use (refrigeration, cooking, office equipment, etc.). In California, Title 24 governs energy consumed by the built environment, mechanical systems, and some types of fixed lighting. CalEEMod currently incorporates California’s 2019 Title 24 building energy efficiency standards.

The project would be served by either Central Coast Community Energy or Pacific Gas and Electric (PG&E). The project is assumed to procure electricity from PG&E. As the project is planned for construction in June 2025, with an assumed operational date of 2026 it would be subject to at least 2022 Title 24 standards.

Water and Wastewater Emissions

GHG emissions from water and wastewater usage calculated in CalEEMod were based on project-specific consumption of the pool areas and ancillary facilities. In addition, default electricity intensity from the CEC’s 2006 *Refining Estimates of Water-Related Energy Use in California* using the average values for northern and southern California for landscaping water usage.

Solid Waste Emissions

GHG emissions from waste generation were also calculated in CalEEMod and are based on CARB’s methods for quantifying GHG emissions from solid waste using the degradable organic content of waste (CARB 2010). Waste disposal rates by land use and overall composition of municipal solid waste in California was primarily based on data provided by CalRecycle.

3.2.2 Significance Thresholds

The majority of individual projects do not generate sufficient GHG emissions to directly influence climate change. However, physical changes caused by a project can contribute incrementally to cumulative effects that are significant, even if individual changes resulting from a project are limited. The issue of climate change typically involves an analysis of whether a Project’s contribution towards an impact would be cumulatively considerable. “Cumulatively considerable” means that the incremental effects of an individual project are significant when viewed in connection with the effects of past projects, other current projects, and probable future projects (*CEQA guidelines*, Section 15064[h][1]).

According to the state CEQA guidelines, projects can tier from a qualified GHG reduction plan, which allows for project-level evaluation of GHG emissions through the comparison of the proposed project’s consistency with the GHG reduction policies included in a qualified GHG reduction plan. This approach is considered by the Association of Environmental Professionals (2016) in its white paper, *Beyond Newhall and 2020*, to be the most defensible approach presently available under CEQA to determine the significance of a project’s GHG emissions.

The City of Santa Maria has not adopted a numerical significance threshold for assessing impacts related to GHG emissions. Neither the SBCAPCD, the California Office of Planning and Research, CARB, CAPCOA, or any other state or applicable regional agency has adopted a numerical significance threshold for assessing GHG emissions that is applicable to the project. In the absence of any adopted numeric threshold, the significance of the project’s GHG emissions is evaluated

consistent with CEQA Guidelines Section 15064.4(b) by considering whether the project complies with applicable plans, policies, regulations and requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions. For this project, the most directly applicable adopted regulatory plans to reduce GHG emissions are the 2022 Scoping Plan and SBCAG 2050 RTP/SCS. GHG emissions from the construction and operation of the project are provided for informational purposes.

3.2.3 Project-Level Impact Analysis

Threshold 1: Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Threshold 2: Would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs?

Impact GHG-1 **ALTHOUGH CONSTRUCTION AND OPERATION OF THE PROPOSED PROJECT WOULD GENERATE GHG EMISSIONS, THE PROJECT WOULD INCORPORATE FEATURES THAT REDUCE GHG EMISSIONS AND ALIGN WITH THE GOALS OF THE APPLICABLE PLANS, POLICIES, AND REGULATIONS RELATED TO GHG EMISSIONS. THE PROPOSED PROJECT WOULD NOT CONFLICT WITH THE APPLICABLE PLANS, POLICIES, AND REGULATIONS ADOPTED FOR THE PURPOSE OF REDUCING GHG EMISSIONS. IMPACTS WOULD BE LESS THAN SIGNIFICANT.**

Consistency with Applicable Plans and Policies

2022 SCOPING PLAN

The principal state plans and policies are AB 32, the California Global Warming Solutions Act of 2006, and the subsequent legislation, SB 32. The quantitative goal of AB 32 is to reduce GHG emissions to 1990 levels by 2020. The goal of SB 32 is to reduce GHG emissions to 40 percent below 1990 levels by 2030 and to Net Zero by 2045. Pursuant to these targets, the 2022 Scoping Plan was created to outline goals and measures for the State to achieve the reductions. The 2022 Scoping Plan focuses on outcomes needed to achieve carbon neutrality by assessing paths for clean technology, energy deployment, natural and working lands, and others, and is designed to meet the state's long-term climate objectives and support a range of economic, environmental, energy security, environmental justice, and public health priorities. The proposed project would be consistent with these goals through project design, such as a PV system and electric vehicle charging stations consistent with the latest Title 24 Green Building Code and Building Efficiency Energy Standards. In addition, the project would be required to install electric vehicle charging stations consistent with the City of Santa Maria Municipal Code Section 9-56.060., *Electric Vehicle Charging Station Installation Requirements*. The proposed project would be served by Pacific Gas & Electric, which is required to increase its renewable energy procurement in accordance with SB 100 targets. The project is an infill development and would contribute to the job and housing balance. In addition, the project site would be within a half mile of Santa Maria Regional Transit and existing commercial uses, which could potentially reduce the reliance of vehicle motor use and efficiency of transportation, consistent with Goal C.1 Comprehensive Transportation System of the City's Circulation Element. The proposed project will not conflict with the 2022 Scoping Plan.

SBCAG 2050 RTP/SCS

SBCAG has incorporated a sustainable community strategy into its RTP/SCS, which is designed to help the region achieve its SB 375 GHG emissions reduction target. The SBCAG 2050 RTP/SCS demonstrates that the SBCAG region would achieve its regional emissions reduction targets for the 2020 and 2035 target years. The RTP/SCS states that one of the intents of the SCS is “directly addressing regional jobs/housing imbalance by providing more housing on the jobs-rich South Coast and more jobs to communities in the North County [e.g., Santa Maria]”. In addition, SBCAG second goal, *Mobility & System Reliability*, aims increase bike, walk, and transit transportation to reduce travel times (SBCAG 2021). The proposed project would be within a half mile of bus transits and commercial uses, which would potentially decrease the reliance of personal vehicle transportation. In addition, the project site would be consistent with latest Title 24 Standards for electric vehicle charging stations and bicycling parking spaces, which would further promote alternative modes of transportation and reduce reliance of motor vehicles. The project would potentially generate 38 employment opportunities at the industrial buildings. Therefore, the project would be consistent with the RTP/SCS by creating job opportunities in Santa Maria and potentially reducing travel times through the promotion of alternative modes of transportation. Thus, the proposed project would be consistent with the GHG emission reduction strategies contained in the 2050 RTP/SCS.

GHG Emissions

Construction and operation of the project would generate GHG emissions. This analysis considers the combined impact of GHG emissions from both construction and operation. Calculations of CO₂, CH₄, and N₂O emissions are provided for informational purposes to identify the magnitude of project’s emissions.

CONSTRUCTION AND OPERATIONAL EMISSIONS

GHG emissions are provided for informational purposes. Construction of the proposed project would generate temporary GHG emissions primarily as a result of operation of construction equipment on-site as well as from vehicles transporting construction workers to and from the project site and heavy trucks to transport building materials and soil export. As shown in Table 7, construction of the project would generate an estimated total of 500 MT of CO₂e. Amortized over a 30-year period per Association of Environmental Professionals (AEP) guidance, construction of the project would generate an estimated total of 17 MT of CO₂e per year (AEP 2016).

Table 7 Estimated GHG Emissions during Construction

Year	Annual Emissions (MT of CO ₂ e)
2025	309
2026	191
Total	500
Amortized over 30 years	17

MT = metric tons; CO₂e = carbon dioxide equivalents
See Appendix A for modeling results.

Operation of the proposed project would generate GHG emissions associated with vehicle trips, area sources, energy, water usage and wastewater, and solid waste generation. As shown in Table 8, total combined annual GHG emissions generated by the project would be approximately 365 MT of CO₂e per year.

Table 8 Combined Annual GHG Emissions

Emission Source	Annual Emissions (MT of CO ₂ e per year)
Construction	17
Operational	348
Mobile	142
Area	1
Energy	149
Water	26
Waste	29
Total Emissions	365
MT = metric tons; CO ₂ e = carbon dioxide equivalents	
Notes: Numbers may not add up due to rounding.	
See Appendix A for modeling results.	

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Appendix A

California Emissions Estimator Model Outputs

Santa Maria Airport Rezoning Project Detailed Report

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1.1. Basic Project Information

Data Field	Value
Project Name	Santa Maria Airport Rezoning Project
Construction Start Date	6/1/2025
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.90
Precipitation (days)	10.0
Location	34.91407087770109, -120.46527041228927
County	Santa Barbara
City	Santa Maria
Air District	Santa Barbara County APCD
Air Basin	South Central Coast
TAZ	3380
EDFZ	6
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Southern California Gas
App Version	2022.1.1.17

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
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Unrefrigerated Warehouse-No Rail	100	1000sqft	2.30	100,000	0.00	0.00	—	—
Parking Lot	5.23	Acre	5.23	0.00	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

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

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

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	52.5	31.9	30.9	0.14	1.37	19.8	21.2	1.26	10.1	11.4	—	12,260	12,260	0.67	1.49	18.1	12,739
Mit.	52.5	31.9	30.9	0.14	1.37	7.82	9.18	1.26	3.98	5.24	—	12,260	12,260	0.67	1.49	18.1	12,739
% Reduced	—	—	—	—	—	61%	57%	—	61%	54%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.32	11.1	14.9	0.03	0.44	0.33	0.77	0.40	0.08	0.48	—	2,948	2,948	0.13	0.07	0.05	2,973
Mit.	1.32	11.1	14.9	0.03	0.44	0.33	0.77	0.40	0.08	0.48	—	2,948	2,948	0.13	0.07	0.05	2,973

% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.25	6.77	7.32	0.02	0.26	1.16	1.42	0.23	0.53	0.76	—	1,831	1,831	0.09	0.11	0.68	1,866
Mit.	3.25	6.77	7.32	0.02	0.26	0.59	0.85	0.23	0.24	0.48	—	1,831	1,831	0.09	0.11	0.68	1,866
% Reduced	—	—	—	—	—	49%	40%	—	54%	37%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.59	1.24	1.34	< 0.005	0.05	0.21	0.26	0.04	0.10	0.14	—	303	303	0.01	0.02	0.11	309
Mit.	0.59	1.24	1.34	< 0.005	0.05	0.11	0.16	0.04	0.04	0.09	—	303	303	0.01	0.02	0.11	309
% Reduced	—	—	—	—	—	49%	40%	—	54%	37%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

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

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	3.39	31.9	30.9	0.14	1.37	19.8	21.2	1.26	10.1	11.4	—	12,260	12,260	0.67	1.49	18.1	12,739
2026	52.5	18.5	26.5	0.04	0.73	0.48	1.20	0.67	0.12	0.78	—	4,730	4,730	0.20	0.09	2.37	4,765
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.32	11.1	14.9	0.03	0.44	0.33	0.77	0.40	0.08	0.48	—	2,948	2,948	0.13	0.07	0.05	2,973
2026	1.26	10.4	14.7	0.03	0.38	0.33	0.72	0.35	0.08	0.43	—	2,937	2,937	0.12	0.07	0.05	2,961
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2025	0.70	6.77	7.32	0.02	0.26	1.16	1.42	0.23	0.53	0.76	—	1,831	1,831	0.09	0.11	0.68	1,866
2026	3.25	4.16	5.85	0.01	0.16	0.13	0.28	0.14	0.03	0.17	—	1,144	1,144	0.05	0.03	0.29	1,153
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.13	1.24	1.34	< 0.005	0.05	0.21	0.26	0.04	0.10	0.14	—	303	303	0.01	0.02	0.11	309
2026	0.59	0.76	1.07	< 0.005	0.03	0.02	0.05	0.03	0.01	0.03	—	189	189	0.01	< 0.005	0.05	191

2.3. Construction Emissions by Year, Mitigated

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

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	3.39	31.9	30.9	0.14	1.37	7.82	9.18	1.26	3.98	5.24	—	12,260	12,260	0.67	1.49	18.1	12,739
2026	52.5	18.5	26.5	0.04	0.73	0.48	1.20	0.67	0.12	0.78	—	4,730	4,730	0.20	0.09	2.37	4,765
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.32	11.1	14.9	0.03	0.44	0.33	0.77	0.40	0.08	0.48	—	2,948	2,948	0.13	0.07	0.05	2,973
2026	1.26	10.4	14.7	0.03	0.38	0.33	0.72	0.35	0.08	0.43	—	2,937	2,937	0.12	0.07	0.05	2,961
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.70	6.77	7.32	0.02	0.26	0.59	0.85	0.23	0.24	0.48	—	1,831	1,831	0.09	0.11	0.68	1,866
2026	3.25	4.16	5.85	0.01	0.16	0.13	0.28	0.14	0.03	0.17	—	1,144	1,144	0.05	0.03	0.29	1,153
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.13	1.24	1.34	< 0.005	0.05	0.11	0.16	0.04	0.04	0.09	—	303	303	0.01	0.02	0.11	309
2026	0.59	0.76	1.07	< 0.005	0.03	0.02	0.05	0.03	0.01	0.03	—	189	189	0.01	< 0.005	0.05	191

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.86	0.69	8.47	0.01	0.03	0.75	0.78	0.02	0.19	0.21	100	1,836	1,936	5.43	0.17	3.33	2,125
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.15	0.70	4.37	0.01	0.02	0.75	0.77	0.02	0.19	0.21	100	1,805	1,905	5.43	0.17	0.09	2,092
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.49	0.71	6.37	0.01	0.02	0.75	0.77	0.02	0.19	0.21	100	1,815	1,915	5.43	0.17	1.44	2,102
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.64	0.13	1.16	< 0.005	< 0.005	0.14	0.14	< 0.005	0.03	0.04	16.6	300	317	0.90	0.03	0.24	348

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.70	0.49	3.99	0.01	0.01	0.75	0.76	0.01	0.19	0.20	—	854	854	0.05	0.04	3.33	871
Area	3.14	0.04	4.35	< 0.005	0.01	—	0.01	0.01	—	0.01	—	17.9	17.9	< 0.005	< 0.005	—	17.9
Energy	0.01	0.16	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01	—	894	894	0.13	0.01	—	902
Water	—	—	—	—	—	—	—	—	—	—	49.4	69.9	119	0.18	0.11	—	156
Waste	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.06	0.00	—	177
Total	3.86	0.69	8.47	0.01	0.03	0.75	0.78	0.02	0.19	0.21	100	1,836	1,936	5.43	0.17	3.33	2,125

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.71	0.54	4.24	0.01	0.01	0.75	0.76	0.01	0.19	0.20	—	841	841	0.06	0.05	0.09	857
Area	2.43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.01	0.16	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01	—	894	894	0.13	0.01	—	902
Water	—	—	—	—	—	—	—	—	—	—	49.4	69.9	119	0.18	0.11	—	156
Waste	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.06	0.00	—	177
Total	3.15	0.70	4.37	0.01	0.02	0.75	0.77	0.02	0.19	0.21	100	1,805	1,905	5.43	0.17	0.09	2,092
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.70	0.53	4.10	0.01	0.01	0.75	0.75	0.01	0.19	0.20	—	842	842	0.06	0.05	1.44	858
Area	2.78	0.02	2.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.82	8.82	< 0.005	< 0.005	—	8.85
Energy	0.01	0.16	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01	—	894	894	0.13	0.01	—	902
Water	—	—	—	—	—	—	—	—	—	—	49.4	69.9	119	0.18	0.11	—	156
Waste	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.06	0.00	—	177
Total	3.49	0.71	6.37	0.01	0.02	0.75	0.77	0.02	0.19	0.21	100	1,815	1,915	5.43	0.17	1.44	2,102
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.13	0.10	0.75	< 0.005	< 0.005	0.14	0.14	< 0.005	0.03	0.04	—	139	139	0.01	0.01	0.24	142
Area	0.51	< 0.005	0.39	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.46	1.46	< 0.005	< 0.005	—	1.47
Energy	< 0.005	0.03	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	148	148	0.02	< 0.005	—	149
Water	—	—	—	—	—	—	—	—	—	—	8.18	11.6	19.8	0.03	0.02	—	25.9
Waste	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.3
Total	0.64	0.13	1.16	< 0.005	< 0.005	0.14	0.14	< 0.005	0.03	0.04	16.6	300	317	0.90	0.03	0.24	348

2.6. Operations Emissions by Sector, Mitigated

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

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
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Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.70	0.49	3.99	0.01	0.01	0.75	0.76	0.01	0.19	0.20	—	854	854	0.05	0.04	3.33	871
Area	3.14	0.04	4.35	< 0.005	0.01	—	0.01	0.01	—	0.01	—	17.9	17.9	< 0.005	< 0.005	—	17.9
Energy	0.01	0.16	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01	—	894	894	0.13	0.01	—	902
Water	—	—	—	—	—	—	—	—	—	—	49.4	69.9	119	0.18	0.11	—	156
Waste	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.06	0.00	—	177
Total	3.86	0.69	8.47	0.01	0.03	0.75	0.78	0.02	0.19	0.21	100	1,836	1,936	5.43	0.17	3.33	2,125
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.71	0.54	4.24	0.01	0.01	0.75	0.76	0.01	0.19	0.20	—	841	841	0.06	0.05	0.09	857
Area	2.43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.01	0.16	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01	—	894	894	0.13	0.01	—	902
Water	—	—	—	—	—	—	—	—	—	—	49.4	69.9	119	0.18	0.11	—	156
Waste	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.06	0.00	—	177
Total	3.15	0.70	4.37	0.01	0.02	0.75	0.77	0.02	0.19	0.21	100	1,805	1,905	5.43	0.17	0.09	2,092
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.70	0.53	4.10	0.01	0.01	0.75	0.75	0.01	0.19	0.20	—	842	842	0.06	0.05	1.44	858
Area	2.78	0.02	2.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.82	8.82	< 0.005	< 0.005	—	8.85
Energy	0.01	0.16	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01	—	894	894	0.13	0.01	—	902
Water	—	—	—	—	—	—	—	—	—	—	49.4	69.9	119	0.18	0.11	—	156
Waste	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.06	0.00	—	177
Total	3.49	0.71	6.37	0.01	0.02	0.75	0.77	0.02	0.19	0.21	100	1,815	1,915	5.43	0.17	1.44	2,102
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.13	0.10	0.75	< 0.005	< 0.005	0.14	0.14	< 0.005	0.03	0.04	—	139	139	0.01	0.01	0.24	142
Area	0.51	< 0.005	0.39	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.46	1.46	< 0.005	< 0.005	—	1.47

Energy	< 0.005	0.03	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	148	148	0.02	< 0.005	—	149
Water	—	—	—	—	—	—	—	—	—	—	8.18	11.6	19.8	0.03	0.02	—	25.9
Waste	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.3
Total	0.64	0.13	1.16	< 0.005	< 0.005	0.14	0.14	< 0.005	0.03	0.04	16.6	300	317	0.90	0.03	0.24	348

3. Construction Emissions Details

3.1. Demolition (2025) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.40	22.2	19.9	0.03	0.92	—	0.92	0.84	—	0.84	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	1.22	1.09	< 0.005	0.05	—	0.05	0.05	—	0.05	—	188	188	0.01	< 0.005	—	188
Demolition	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.22	0.20	< 0.005	0.01	—	0.01	0.01	—	0.01	—	31.1	31.1	< 0.005	< 0.005	—	31.2
Demolition	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.05	0.56	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	94.4	94.4	0.01	< 0.005	0.42	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.7	14.7	< 0.005	< 0.005	0.03	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.07	5.07	< 0.005	< 0.005	0.01	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.81	0.81	< 0.005	< 0.005	< 0.005	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.84	0.84	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.13	0.13	< 0.005	< 0.005	< 0.005	—

3.2. Demolition (2025) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
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Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.40	22.2	19.9	0.03	0.92	—	0.92	0.84	—	0.84	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	1.22	1.09	< 0.005	0.05	—	0.05	0.05	—	0.05	—	188	188	0.01	< 0.005	—	188
Demolition	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.22	0.20	< 0.005	0.01	—	0.01	0.01	—	0.01	—	31.1	31.1	< 0.005	< 0.005	—	31.2
Demolition	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.05	0.56	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	94.4	94.4	0.01	< 0.005	0.42	—

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.7	14.7	< 0.005	< 0.005	0.03	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.07	5.07	< 0.005	< 0.005	0.01	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.81	0.81	< 0.005	< 0.005	< 0.005	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.84	0.84	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.13	0.13	< 0.005	< 0.005	< 0.005	—

3.3. Site Preparation (2025) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.31	31.6	30.2	0.05	1.37	—	1.37	1.26	—	1.26	—	5,295	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.87	0.83	< 0.005	0.04	—	0.04	0.03	—	0.03	—	145	145	0.01	< 0.005	—	146
Dust From Material Movement	—	—	—	—	—	0.54	0.54	—	0.28	0.28	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.16	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.0	24.0	< 0.005	< 0.005	—	24.1
Dust From Material Movement	—	—	—	—	—	0.10	0.10	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.06	0.66	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	110	110	0.01	< 0.005	0.49	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	< 0.005	0.23	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	168	168	0.01	0.03	0.32	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.96	2.96	< 0.005	< 0.005	0.01	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.61	4.61	< 0.005	< 0.005	< 0.005	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.49	0.49	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.76	0.76	< 0.005	< 0.005	< 0.005	—

3.4. Site Preparation (2025) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.31	31.6	30.2	0.05	1.37	—	1.37	1.26	—	1.26	—	5,295	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.87	0.83	< 0.005	0.04	—	0.04	0.03	—	0.03	—	145	145	0.01	< 0.005	—	146

Dust From Material Movement	—	—	—	—	—	0.21	0.21	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.16	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.0	24.0	< 0.005	< 0.005	—	24.1
Dust From Material Movement	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.06	0.66	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	110	110	0.01	< 0.005	0.49	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	< 0.005	0.23	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	168	168	0.01	0.03	0.32	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.96	2.96	< 0.005	< 0.005	0.01	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.61	4.61	< 0.005	< 0.005	< 0.005	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.49	0.49	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	< 0.005	0.00	—	0.00	0.00	0.00	0.00	0.00	—

Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.76	0.76	< 0.005	< 0.005	< 0.005	—
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3.5. Grading (2025) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.74	16.3	17.9	0.03	0.72	—	0.72	0.66	—	0.66	—	2,959	2,959	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	7.15	7.15	—	3.43	3.43	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.89	0.98	< 0.005	0.04	—	0.04	0.04	—	0.04	—	162	162	0.01	< 0.005	—	163
Dust From Material Movement	—	—	—	—	—	0.39	0.39	—	0.19	0.19	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.16	0.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	26.8	26.8	< 0.005	< 0.005	—	26.9

Dust From Material Movement	—	—	—	—	—	0.07	0.07	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.05	0.56	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	94.4	94.4	0.01	< 0.005	0.42	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.19	12.8	4.45	0.11	0.17	2.26	2.43	0.11	0.63	0.74	—	9,206	9,206	0.54	1.46	17.7	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.07	5.07	< 0.005	< 0.005	0.01	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.01	0.73	0.24	0.01	0.01	0.12	0.13	0.01	0.03	0.04	—	505	505	0.03	0.08	0.42	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.84	0.84	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	< 0.005	0.13	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	83.5	83.5	< 0.005	0.01	0.07	—

3.6. Grading (2025) - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.74	16.3	17.9	0.03	0.72	—	0.72	0.66	—	0.66	—	2,959	2,959	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	2.79	2.79	—	1.34	1.34	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.89	0.98	< 0.005	0.04	—	0.04	0.04	—	0.04	—	162	162	0.01	< 0.005	—	163
Dust From Material Movement	—	—	—	—	—	0.15	0.15	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.16	0.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	26.8	26.8	< 0.005	< 0.005	—	26.9
Dust From Material Movement	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.05	0.56	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	94.4	94.4	0.01	< 0.005	0.42	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.19	12.8	4.45	0.11	0.17	2.26	2.43	0.11	0.63	0.74	—	9,206	9,206	0.54	1.46	17.7	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.07	5.07	< 0.005	< 0.005	0.01	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.01	0.73	0.24	0.01	0.01	0.12	0.13	0.01	0.03	0.04	—	505	505	0.03	0.08	0.42	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.84	0.84	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	< 0.005	0.13	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	83.5	83.5	< 0.005	0.01	0.07	—

3.7. Building Construction (2025) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.13	10.4	13.0	0.02	0.43	—	0.43	0.40	—	0.40	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.13	10.4	13.0	0.02	0.43	—	0.43	0.40	—	0.40	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.31	2.88	3.60	0.01	0.12	—	0.12	0.11	—	0.11	—	662	662	0.03	0.01	—	664
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.53	0.66	< 0.005	0.02	—	0.02	0.02	—	0.02	—	110	110	< 0.005	< 0.005	—	110
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.13	1.57	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	264	264	0.02	0.01	1.17	—
Vendor	0.01	0.46	0.22	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	291	291	0.01	0.04	0.74	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.15	1.61	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	259	259	0.02	0.01	0.03	—
Vendor	0.01	0.47	0.22	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	291	291	0.01	0.04	0.02	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.05	0.04	0.43	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	71.5	71.5	0.01	< 0.005	0.14	—
Vendor	< 0.005	0.13	0.06	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	80.3	80.3	< 0.005	0.01	0.09	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.08	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.8	11.8	< 0.005	< 0.005	0.02	—
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.3	13.3	< 0.005	< 0.005	0.01	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.8. Building Construction (2025) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.13	10.4	13.0	0.02	0.43	—	0.43	0.40	—	0.40	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.13	10.4	13.0	0.02	0.43	—	0.43	0.40	—	0.40	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.31	2.88	3.60	0.01	0.12	—	0.12	0.11	—	0.11	—	662	662	0.03	0.01	—	664

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.53	0.66	< 0.005	0.02	—	0.02	0.02	—	0.02	—	110	110	< 0.005	< 0.005	—	110
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.13	1.57	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	264	264	0.02	0.01	1.17	—
Vendor	0.01	0.46	0.22	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	291	291	0.01	0.04	0.74	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.15	1.61	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	259	259	0.02	0.01	0.03	—
Vendor	0.01	0.47	0.22	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	291	291	0.01	0.04	0.02	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.43	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	71.5	71.5	0.01	< 0.005	0.14	—
Vendor	< 0.005	0.13	0.06	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	80.3	80.3	< 0.005	0.01	0.09	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.08	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.8	11.8	< 0.005	< 0.005	0.02	—
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.3	13.3	< 0.005	< 0.005	0.01	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.9. Building Construction (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.07	9.85	13.0	0.02	0.38	—	0.38	0.35	—	0.35	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.07	9.85	13.0	0.02	0.38	—	0.38	0.35	—	0.35	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38	3.51	4.62	0.01	0.13	—	0.13	0.12	—	0.12	—	854	854	0.03	0.01	—	857
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.64	0.84	< 0.005	0.02	—	0.02	0.02	—	0.02	—	141	141	0.01	< 0.005	—	142
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.12	1.44	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	259	259	0.02	0.01	1.08	—
Vendor	0.01	0.44	0.20	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	286	286	0.01	0.04	0.69	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.14	1.48	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	254	254	0.01	0.01	0.03	—
Vendor	0.01	0.45	0.21	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	286	286	0.01	0.04	0.02	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.51	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	90.4	90.4	0.01	< 0.005	0.17	—
Vendor	< 0.005	0.16	0.07	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	102	102	< 0.005	0.01	0.11	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.0	15.0	< 0.005	< 0.005	0.03	—
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	16.9	16.9	< 0.005	< 0.005	0.02	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.10. Building Construction (2026) - Mitigated

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

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

Off-Road Equipment	1.07	9.85	13.0	0.02	0.38	—	0.38	0.35	—	0.35	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.07	9.85	13.0	0.02	0.38	—	0.38	0.35	—	0.35	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38	3.51	4.62	0.01	0.13	—	0.13	0.12	—	0.12	—	854	854	0.03	0.01	—	857
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.64	0.84	< 0.005	0.02	—	0.02	0.02	—	0.02	—	141	141	0.01	< 0.005	—	142
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.12	1.44	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	259	259	0.02	0.01	1.08	—
Vendor	0.01	0.44	0.20	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	286	286	0.01	0.04	0.69	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.14	1.48	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	254	254	0.01	0.01	0.03	—

Vendor	0.01	0.45	0.21	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	286	286	0.01	0.04	0.02	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.51	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	90.4	90.4	0.01	< 0.005	0.17	—
Vendor	< 0.005	0.16	0.07	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	102	102	< 0.005	0.01	0.11	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.0	15.0	< 0.005	< 0.005	0.03	—
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	16.9	16.9	< 0.005	< 0.005	0.02	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.11. Paving (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	7.12	9.94	0.01	0.32	—	0.32	0.29	—	0.29	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.04	0.39	0.54	< 0.005	0.02	—	0.02	0.02	—	0.02	—	82.8	82.8	< 0.005	< 0.005	—	83.1
Paving	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Paving	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.52	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	92.4	92.4	0.01	< 0.005	0.39	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.97	4.97	< 0.005	< 0.005	0.01	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.82	0.82	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.12. Paving (2026) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	7.12	9.94	0.01	0.32	—	0.32	0.29	—	0.29	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.39	0.54	< 0.005	0.02	—	0.02	0.02	—	0.02	—	82.8	82.8	< 0.005	< 0.005	—	83.1
Paving	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Paving	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.06	0.04	0.52	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	92.4	92.4	0.01	< 0.005	0.39	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.97	4.97	< 0.005	< 0.005	0.01	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.82	0.82	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.13. Architectural Coating (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.86	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	49.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.32	7.32	< 0.005	< 0.005	—	7.34
Architectural Coatings	2.71	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.21	1.21	< 0.005	< 0.005	—	1.22
Architectural Coatings	0.50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.29	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	51.8	51.8	< 0.005	< 0.005	0.22	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.78	2.78	< 0.005	< 0.005	0.01	—

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.46	0.46	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.14. Architectural Coating (2026) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.86	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectu ral Coatings	49.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.32	7.32	< 0.005	< 0.005	—	7.34
Architectu ral Coatings	2.71	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.21	1.21	< 0.005	< 0.005	—	1.22
Architectural Coatings	0.50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.29	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	51.8	51.8	< 0.005	< 0.005	0.22	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.78	2.78	< 0.005	< 0.005	0.01	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.46	0.46	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.70	0.49	3.99	0.01	0.01	0.75	0.76	0.01	0.19	0.20	—	854	854	0.05	0.04	3.33	871
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.70	0.49	3.99	0.01	0.01	0.75	0.76	0.01	0.19	0.20	—	854	854	0.05	0.04	3.33	871
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.71	0.54	4.24	0.01	0.01	0.75	0.76	0.01	0.19	0.20	—	841	841	0.06	0.05	0.09	857
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.71	0.54	4.24	0.01	0.01	0.75	0.76	0.01	0.19	0.20	—	841	841	0.06	0.05	0.09	857
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No Rail	0.13	0.10	0.75	< 0.005	< 0.005	0.14	0.14	< 0.005	0.03	0.04	—	139	139	0.01	0.01	0.24	142
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.13	0.10	0.75	< 0.005	< 0.005	0.14	0.14	< 0.005	0.03	0.04	—	139	139	0.01	0.01	0.24	142

4.1.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.70	0.49	3.99	0.01	0.01	0.75	0.76	0.01	0.19	0.20	—	854	854	0.05	0.04	3.33	871
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.70	0.49	3.99	0.01	0.01	0.75	0.76	0.01	0.19	0.20	—	854	854	0.05	0.04	3.33	871
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.71	0.54	4.24	0.01	0.01	0.75	0.76	0.01	0.19	0.20	—	841	841	0.06	0.05	0.09	857
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.71	0.54	4.24	0.01	0.01	0.75	0.76	0.01	0.19	0.20	—	841	841	0.06	0.05	0.09	857

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.13	0.10	0.75	< 0.005	< 0.005	0.14	0.14	< 0.005	0.03	0.04	—	139	139	0.01	0.01	0.24	142
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.13	0.10	0.75	< 0.005	< 0.005	0.14	0.14	< 0.005	0.03	0.04	—	139	139	0.01	0.01	0.24	142

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	592	592	0.10	0.01	—	598
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	112	112	0.02	< 0.005	—	113
Total	—	—	—	—	—	—	—	—	—	—	—	704	704	0.11	0.01	—	711
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	592	592	0.10	0.01	—	598

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	112	112	0.02	< 0.005	—	113
Total	—	—	—	—	—	—	—	—	—	—	—	704	704	0.11	0.01	—	711
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	98.0	98.0	0.02	< 0.005	—	99.0
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	18.5	18.5	< 0.005	< 0.005	—	18.6
Total	—	—	—	—	—	—	—	—	—	—	—	117	117	0.02	< 0.005	—	118

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	592	592	0.10	0.01	—	598
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	112	112	0.02	< 0.005	—	113
Total	—	—	—	—	—	—	—	—	—	—	—	704	704	0.11	0.01	—	711
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	592	592	0.10	0.01	—	598
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	112	112	0.02	< 0.005	—	113
Total	—	—	—	—	—	—	—	—	—	—	—	704	704	0.11	0.01	—	711
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	98.0	98.0	0.02	< 0.005	—	99.0
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	18.5	18.5	< 0.005	< 0.005	—	18.6
Total	—	—	—	—	—	—	—	—	—	—	—	117	117	0.02	< 0.005	—	118

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.01	0.16	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01	—	190	190	0.02	< 0.005	—	191
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.01	0.16	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01	—	190	190	0.02	< 0.005	—	191

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.01	0.16	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01	—	190	190	0.02	< 0.005	—	191
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.01	0.16	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01	—	190	190	0.02	< 0.005	—	191
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	< 0.005	0.03	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	31.5	31.5	< 0.005	< 0.005	—	31.6
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	< 0.005	0.03	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	31.5	31.5	< 0.005	< 0.005	—	31.6

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.01	0.16	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01	—	190	190	0.02	< 0.005	—	191
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Total	0.01	0.16	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01	—	190	190	0.02	< 0.005	—	191
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.01	0.16	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01	—	190	190	0.02	< 0.005	—	191
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.01	0.16	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01	—	190	190	0.02	< 0.005	—	191
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	< 0.005	0.03	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	31.5	31.5	< 0.005	< 0.005	—	31.6
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	< 0.005	0.03	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	31.5	31.5	< 0.005	< 0.005	—	31.6

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	2.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectu Coatings	0.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscap e Equipme nt	0.71	0.04	4.35	< 0.005	0.01	—	0.01	0.01	—	0.01	—	17.9	17.9	< 0.005	< 0.005	—	17.9
Total	3.14	0.04	4.35	< 0.005	0.01	—	0.01	0.01	—	0.01	—	17.9	17.9	< 0.005	< 0.005	—	17.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consume r Products	2.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectu ral Coatings	0.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	2.43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consume r Products	0.39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectu ral Coatings	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscap e Equipme nt	0.06	< 0.005	0.39	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.46	1.46	< 0.005	< 0.005	—	1.47
Total	0.51	< 0.005	0.39	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.46	1.46	< 0.005	< 0.005	—	1.47

4.3.2. Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	2.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.71	0.04	4.35	< 0.005	0.01	—	0.01	0.01	—	0.01	—	17.9	17.9	< 0.005	< 0.005	—	17.9
Total	3.14	0.04	4.35	< 0.005	0.01	—	0.01	0.01	—	0.01	—	17.9	17.9	< 0.005	< 0.005	—	17.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	2.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	2.43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.06	< 0.005	0.39	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.46	1.46	< 0.005	< 0.005	—	1.47
Total	0.51	< 0.005	0.39	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.46	1.46	< 0.005	< 0.005	—	1.47

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	49.4	69.9	119	0.18	0.11	—	156
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	49.4	69.9	119	0.18	0.11	—	156
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	49.4	69.9	119	0.18	0.11	—	156
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	49.4	69.9	119	0.18	0.11	—	156
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	8.18	11.6	19.8	0.03	0.02	—	25.9

Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	8.18	11.6	19.8	0.03	0.02	—	25.9

4.4.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	49.4	69.9	119	0.18	0.11	—	156
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	49.4	69.9	119	0.18	0.11	—	156
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	49.4	69.9	119	0.18	0.11	—	156
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	49.4	69.9	119	0.18	0.11	—	156
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	8.18	11.6	19.8	0.03	0.02	—	25.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	8.18	11.6	19.8	0.03	0.02	—	25.9

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.06	0.00	—	177
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.06	0.00	—	177
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.06	0.00	—	177
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.06	0.00	—	177
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.3

4.5.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.06	0.00	—	177
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.06	0.00	—	177
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.06	0.00	—	177

Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.06	0.00	—	177
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.3

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

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

4.6.2. Mitigated

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

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

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.7.2. Mitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

4.8.2. Mitigated

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

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

4.9.2. Mitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

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5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	6/1/2025	6/29/2025	5.00	20.0	—
Site Preparation	Site Preparation	6/30/2025	7/14/2025	5.00	10.0	—
Grading	Grading	7/15/2025	8/12/2025	5.00	20.0	—
Building Construction	Building Construction	8/13/2025	7/1/2026	5.00	230	—
Paving	Paving	7/1/2026	7/28/2026	5.00	20.0	—
Architectural Coating	Architectural Coating	7/1/2026	7/28/2026	5.00	20.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

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

Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

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

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

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	8.80	LDA,LDT1,LDT2
Site Preparation	Vendor	—	5.30	HHDT,MHDT
Site Preparation	Hauling	2.29	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	8.80	LDA,LDT1,LDT2
Grading	Vendor	—	5.30	HHDT,MHDT
Grading	Hauling	125	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	42.0	8.80	LDA,LDT1,LDT2
Building Construction	Vendor	16.4	5.30	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—

Paving	Worker	15.0	8.80	LDA,LDT1,LDT2
Paving	Vendor	—	5.30	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	8.40	8.80	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	5.30	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Demolition	—	—	—	—
Demolition	Worker	15.0	8.80	LDA,LDT1,LDT2
Demolition	Vendor	—	5.30	HHDT,MHDT
Demolition	Hauling	0.20	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	8.80	LDA,LDT1,LDT2
Site Preparation	Vendor	—	5.30	HHDT,MHDT
Site Preparation	Hauling	2.29	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	8.80	LDA,LDT1,LDT2
Grading	Vendor	—	5.30	HHDT,MHDT
Grading	Hauling	125	20.0	HHDT
Grading	Onsite truck	—	—	HHDT

Building Construction	—	—	—	—
Building Construction	Worker	42.0	8.80	LDA,LDT1,LDT2
Building Construction	Vendor	16.4	5.30	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	8.80	LDA,LDT1,LDT2
Paving	Vendor	—	5.30	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	8.40	8.80	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	5.30	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Demolition	—	—	—	—
Demolition	Worker	15.0	8.80	LDA,LDT1,LDT2
Demolition	Vendor	—	5.30	HHDT,MHDT
Demolition	Hauling	0.20	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	150,000	50,000	13,669

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	300	—
Site Preparation	0.00	0.00	16.5	0.00	—
Grading	20,000	0.00	21.0	0.00	—
Paving	0.00	0.00	0.00	0.00	5.23

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
Parking Lot	5.23	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	204	0.03	< 0.005
2026	0.00	204	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	174	174	174	63,510	1,062	1,062	1,062	387,608
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	174	174	174	63,510	1,062	1,062	1,062	387,608
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	150,000	50,000	13,669

5.10.3. Landscape Equipment

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

5.10.4. Landscape Equipment - Mitigated

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	1,059,606	204	0.0330	0.0040	594,312
Parking Lot	199,569	204	0.0330	0.0040	0.00

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	1,059,606	204	0.0330	0.0040	594,312
Parking Lot	199,569	204	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	23,125,000	0.00
Parking Lot	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	23,125,000	0.00
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	94.0	—
Parking Lot	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	94.0	—
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

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

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
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5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

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

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
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5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
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5.16.2. Process Boilers

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

Equipment Type	Fuel Type
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5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

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

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	5.56	annual days of extreme heat
Extreme Precipitation	4.35	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	42.7	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.

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

6.2. Initial Climate Risk Scores

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

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

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

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	11.6
AQ-PM	10.6
AQ-DPM	48.3

Drinking Water	50.8
Lead Risk Housing	41.6
Pesticides	98.7
Toxic Releases	8.01
Traffic	33.3
Effect Indicators	—
CleanUp Sites	38.1
Groundwater	99.7
Haz Waste Facilities/Generators	96.9
Impaired Water Bodies	97.5
Solid Waste	95.0
Sensitive Population	—
Asthma	40.4
Cardio-vascular	25.6
Low Birth Weights	33.0
Socioeconomic Factor Indicators	—
Education	72.2
Housing	35.3
Linguistic	29.5
Poverty	61.1
Unemployment	56.2

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	44.14217888

Employed	73.4377005
Median HI	53.77903247
Education	—
Bachelor's or higher	36.60977801
High school enrollment	100
Preschool enrollment	9.213396638
Transportation	—
Auto Access	89.83703323
Active commuting	28.93622482
Social	—
2-parent households	40.90850764
Voting	80.1360195
Neighborhood	—
Alcohol availability	55.1777236
Park access	27.26806108
Retail density	33.42743488
Supermarket access	37.05889901
Tree canopy	25.12511228
Housing	—
Homeownership	67.43231105
Housing habitability	66.61106121
Low-inc homeowner severe housing cost burden	58.46272296
Low-inc renter severe housing cost burden	58.1675863
Uncrowded housing	54.07416913
Health Outcomes	—
Insured adults	48.58206082
Arthritis	2.5

Asthma ER Admissions	67.2
High Blood Pressure	5.3
Cancer (excluding skin)	5.1
Asthma	40.2
Coronary Heart Disease	2.5
Chronic Obstructive Pulmonary Disease	8.5
Diagnosed Diabetes	22.3
Life Expectancy at Birth	59.7
Cognitively Disabled	44.8
Physically Disabled	50.9
Heart Attack ER Admissions	78.5
Mental Health Not Good	51.7
Chronic Kidney Disease	3.6
Obesity	50.5
Pedestrian Injuries	19.6
Physical Health Not Good	32.6
Stroke	10.1
Health Risk Behaviors	—
Binge Drinking	82.5
Current Smoker	55.2
No Leisure Time for Physical Activity	43.7
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	19.9
Elderly	31.3
English Speaking	59.3

Foreign-born	32.2
Outdoor Workers	40.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	83.9
Traffic Density	12.5
Traffic Access	0.0
Other Indices	—
Hardship	47.3
Other Decision Support	—
2016 Voting	66.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	56.0
Healthy Places Index Score for Project Location (b)	53.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Overlapped Building construction, paving, and architectural coating phase for conservative emissions estimates
Construction: Architectural Coatings	Based on SBCAPCD Rule 323.1
Operations: Architectural Coatings	Based on SBCAPCD 323.1
Construction: Dust From Material Movement	Based on applicant provided data
Construction: Trips and VMT	Based on aerial Google Earth images, approximate 14,810.4 square feet of asphalt would be removed. Assuming a 4 inch depth, approximately 2.285 haul trips per day during site preparation would occur to remove asphalt material.

**“A” STREET AT FAIRWAY DRIVE
GENERAL PLAN AMENDMENT & REZONE
1494 FAIRWAY DRIVE
CITY OF SANTA MARIA, CA
(APN: 111-231-016)**

BIOLOGICAL RESOURCES ASSESSMENT

OCTOBER 11, 2023

Prepared for:

SANTA MARIA PUBLIC AIRPORT DISTRICT
&
RRM DESIGN

PREPARED BY:

David Wolff Environmental, LLC

Appendix B

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FIGURE 1: REGIONAL LOCATION & CTS POND MAP

FIGURE 2: VICINITY LOCATION & EXISTING CONDITIONS MAP

FIGURE 3: REPRESENTATIVE PHOTOGRAPHS

**'A' STREET AT FAIRWAY DRIVE REZONING
GENERAL PLAN AMENDMENT
1494 FAIRWAY DRIVE
CITY OF SANTA MARIA, CA
(APN: 111-231-016)
BIOLOGICAL RESOURCES ASSESSMENT**

1.0 EXECUTIVE SUMMARY

The "A" Street at Fairway Drive Rezoning project (Project) proposes to change the land use designation of the site located at 1494 Fairway Drive from Airport Service (AS-1) to Light Industrial (LI) and rezone the site from Open Space (OS) to Light Manufacturing (M-1). Adjacent land uses include commercial businesses to the north, industrial buildings and the FedEx Ground shipping facility to the east, undeveloped land and the Santa Maria Public Airport District (Airport) runways/operating area (AOA) to the south, and agricultural fields to the west. No wetlands or other waters of the U.S./State or riparian habitat occurs on the project site.

The search and review of the CNDDDB revealed 19 special-status species composed of six special-status plants, 12 special-status wildlife species, and one natural community of special concern with recorded occurrences in the region of the proposed project site.

A field survey conducted on the Project site established existing conditions of the proposed project site as disturbed/developed ruderal habitat. This biological resources assessment concludes the site does not support suitable habitat for any special-status plant or wildlife species or the potential to occur, or any significant biological resources within the project site.

Based on the findings described in this biological resources assessment which establish the existing developed/ruderal conditions of the project site, implementation of the proposed Project land use change and rezone would not result in any substantial adverse effects on botanical, general wildlife, or waters of the U.S./State/wetland habitat resources. Therefore, direct and indirect project impacts on biological resources would be considered less than significant and no mitigation measures are recommended. The future site development following the rezone may have potentially significant impacts on nesting birds and the California red-legged frog, and mitigation measures are recommended to avoid impacts on these biological resources.

2.0 PROJECT DESCRIPTION, LOCATION, AND PURPOSE

The proposed Project is a City of Santa Maria (City) General Plan Amendment and Rezoning of the 6.95-acre Santa Maria Public Airport District parcel (APN: 111-231-016) from Open Space to Light Manufacturing (M-1). The specific request is to change the land use designation of the site located at 1494 Fairway Drive from Airport Service (AS-1) to Light Industrial (LI) and rezone the site from Open Space (OS) to Light Manufacturing (M-1). The proposed land use and zoning will be consistent with those of surrounding properties that have either the Light Industrial (LI) or General Industrial (GI) Land Use Classification with the Light Industrial (M-1) or Commercial Manufacturing (CM) Zone designation with the Planned Development (PD) Overlay.

There is not a specific development proposal that accompanies the rezoning request. For generalized buildout estimates included in other technical reports, a maximum floor area of 75,000 to 100,000 square feet of buildings was assumed. Generalized estimates for grading included 15,000 to 20,000 cubic yards of fill material that would be imported onsite to elevate the site above the adjacent flood elevation.

A portion of the site (approximately 0.42 Acres) is developed as a City water well pump facility and concrete pad yard. The site is otherwise vacant ruderal (disturbed) herbaceous vegetation with a few small non-native pine trees located along its southern boundary, and scattered coyote brush shrubs and fan palms. The site is bounded on the north, west and south perimeters by existing Santa Barbara County (County) flood control channels that flow into the east to west trending "Green Canyon" drainage. Open Space zoned Airport property is beyond to the west under annual crop agricultural use. The project site is abutted by 'A' Street, urban industrial development (FedEx Ground facility) to the east and north. Figure 1 in Appendix A provides a regional aerial photograph map that illustrates the current land use context of the project site.

David Wolff Environmental (DWE) conducted the review of available background data including City environmental review of nearby projects, and a biological and botanical field survey on the project site on August 28, 2023. The purpose of the field survey and this biological resources assessment is to document the existing conditions of the project site, determine the presence/absence of suitable habitat for rare plant or wildlife species, and to evaluate the potential for any direct or indirect significant impacts on biological or wetland resources, or adverse effects on any rare, threatened, or endangered plant or wildlife species (special-status species).

3.0 METHODS

Prior to field surveys, DWE Principal Ecologist David Wolff conducted a review of available background information including aerial photography of the project area over time (Google Earth), and the five-mile radius query results of the California Natural Diversity Data Base

(CNDDDB). The five-mile search radius was used as a greater radius would have extended out of the area to the coastal and inland habitats and geographic areas not relevant to the project site. The CNDDDB provided a list and mapped locations of special-status plant and wildlife species, and natural communities of special concern, that have been recorded in the region of the project site. The CNDDDB records help to focus the field survey efforts and evaluation of potential project effects on specific species or habitats. It is noted that the CNDDDB does not necessarily include all potential special-status species potentially occurring onsite or in the region, but rather only those that have been recorded by the CNDDDB. This study also included the review of designated critical habitat and California tiger salamander breeding pond data from the United States Fish and Wildlife Service (USFWS).

DWE Principal Ecologist David Wolff conducted the field reconnaissance survey of the project site to document existing conditions of the onsite biological resources on August 28, 2023. Surveys were conducted by walking the entirety of the proposed project area recording plant and wildlife species observed and general site characteristics and adjacent land uses. The purpose of the field survey was to document existing conditions in terms of habitat for plant and wildlife species, habitat suitability for presence/absence of special-status plant and wildlife species, the potential to support wetland and/or riparian habitats, and/or waters of the U.S./State. The study area habitat types were described by the aggregation of plants and wildlife based on the composition and structure of the dominant vegetation observed at the time the field reconnaissance was conducted.

DWE Principal Ecologist David Wolff reviewed the available background information and available aerial photography, conducted the field surveys, and is the author and principal in charge of report preparation. The survey data collected on plant and wildlife species, existing conditions, and conclusions presented in this biological resources assessment are based on the methods and field reconnaissance conducted over the project site as described above.

4.0 RESULTS

4.1 EXISTING CONDITIONS HABITAT TYPES AND PLANT COMMUNITIES

Plant communities are generally described by the assemblages of plant species that occur together in the same area forming habitat types. Community alliance and alliance codes used in this report follow *A manual of California vegetation, 2nd edition* (Sawyer et al. 2009) and California Department of Fish and Wildlife *California Natural Community List*. Plant names used in this report follow *The Jepson Manual, Vascular Plants of California, Second Edition Thoroughly Revised and Expanded* (Baldwin et al. 2012) and as updated in the Jepson e-Flora website. The CDFW *A Guide to Wildlife Habitats of California Wildlife Habitat Relationship System Classification System* (WHR; Mayer and Laudenslayer, 1988) is the basis for classification of developed/ruderal habitat classification.

The proposed project site supports one plant community a ruderal non-native annual grassland cover over the entire property except for an approximately 0.42-acre developed concrete pad and building for a City well site. The site was previously a golf course of managed turfgrass with a water feature that has been abandoned, dried up, and returned to the ruderal uplands. Figure 2 in Appendix A provides a vicinity location and exiting conditions map showing the project location in the disturbed/developed proposed project site and surrounding land uses. Figure 3 includes a set of onsite representative photographs.

4.1.1 DISTURBED/RUDERAL NON-NATIVE GRASSLAND

The disturbed/ruderal annual grassland habitat from mowing/discing covers the project site outside the developed City well site can be considered the *Avena (barbata, fatua) Semi-Natural Herbaceous Stands* (CDFW: 44.150.02). It appears dominated by a thick thatch of mowed/disc'd non-native annual grasses with few native and non-native herbaceous broadleaf plant species. Common native plant species observed in the disturbed/ruderal annual grassland habitat includes American bird's foot trefoil (*Acemispom americanus*), grassland tarweed (*Deinandra increscens* ssp. *increscens*), telegraph weed (*Heterotheca grandiflora*), and saltgrass (*Distichlis spicata*). Non-native plants observed dominating the site include short-podded mustard (*Hirschfeldia incana*), buckhorn plantain (*Plantago coronopus*), iceplant (*Carpobrotus edulis*), annual bursage (*Ambrosia acanthicarpa*), and Italian thistle (*Carduus pycnocephalus*). A line of several non-native pine trees (*Pinus* sp.) occur on the south edge of the site with scattered coyote brush (*Baccharis pilularis*) and fan palms (*Washingtonia* sp.) are on the site.

4.2 WILDLIFE

The project site developed/ruderal non-native grassland habitat that is disc'd/mowed annually provides minimal quality wildlife habitat likely only for locally common wildlife species that have become adapted to the urban edge. The developed/ruderal habitat on the project site does not support a significant amount of wildlife habitat, and does not represent any movement corridor for wildlife as it is abutted to 'A' Street and the urban land uses to the north and east. The site was previously a golf course of managed turfgrass that has returned to the ruderal uplands disc'd/mowed that reduces habitat value for wildlife. Only evidence of gophers and ground squirrels were observed on the project site.

4.3 WATERS OF THE U.S., WETLANDS, AND WATERS OF THE STATE

No wetlands or other waters of the U.S./State or riparian habitat occurs on the ruderal non-native annual grassland project site. As noted above, the site is bounded on the north, west and south perimeters by existing County flood control channels that flow into the east to west trending "Green Canyon" drainage that supports a willow riparian habitat. The flood control channels to the west and north are trapezoidal channels with maintained ruderal

non-native annual grassland habitat on the banks. The County flood control ditches and associated riparian habitat could be considered waters of the U.S./State under the jurisdiction of federal and state statutes. However, no delineation or jurisdictional determination has been made as part of this analysis for these offsite drainage features. Further, no offsite project elements are proposed in the County flood control ditches.

4.4 SPECIAL-STATUS SPECIES AND NATURAL COMMUNITIES OF SPECIAL CONCERN

Special-status species are those plants and animals listed, proposed for listing, or candidates for listing as threatened or endangered by the United States Fish and Wildlife Service (USFWS) or the National Marine Fisheries Service (NMFS) under the federal Endangered Species Act (FESA); those considered “species of concern” by the USFWS; those listed or proposed for listing as rare, threatened, or endangered by the CDFW under the California Endangered Species Act (CESA); animals designated as “Species of Special Concern” by the CDFW; and plants occurring as a rank 1B, 2, and 4 of the California Native Plant Society (CNPS) *Inventory of Rare and Endangered Vascular Plants of California*. Natural Communities of Special Concern are habitat types considered rare and worthy of tracking in the California Natural Diversity Database (CNDDDB) by the CNPS and CDFW because of their limited distribution or historic loss over time.

The search and review of the CNDDDB revealed 19 special-status species composed of six special-status plants, 12 special-status wildlife species, and one natural community of special concern with recorded occurrences in the region of the proposed project site. The following briefly describes or summarizes the special-status species issues and presence/absence determination for occurrence on the project site.

4.4.1 Special-Status Botanical Resources

The search and review of the CNDDDB identified six special-status plant species with recorded occurrences within an approximately five-mile radius of the project site. None have been recorded on the project site. The La Graciosa thistle (*Cirsium scariosum* var. *loncholepis*), a state threatened, federally endangered, and California Rare Plant Rank 1B.1 species, is a wetland species. No wetlands occur along the project site.

Five upland special-status plant species (none formally listed) known from the region were identified in the CNDDDB search that includes the black-flowered figwort (*Scrophularia atrata*; CNPS Rank 1B.2), Blochman’s leafy daisy (*Erigeron blochmaniae*; CNPS Rank 1B.2), dune larkspur (*Delphinium parryi* ssp. *blochmaniae*; CNPS Rank 1B.2), Kellogg’s horkelia (*Horkelia cuneata* var. *sericea*; CNPS Rank 1B.2), and San Luis Obispo monardella (*Monardella undulata* ssp. *crispa*; CNPS Rank 1B.2). The prior golf course use and regular discing/mowing weed control make the project site unsuitable for these species and they are not expected to occur.

The CNDDDB identified one natural community of special concern, Southern Vernal Pool, within a five-mile radius of the project site. No vernal pools occur on the project site.

Based on the findings from database review and the DWE field survey, no designated critical habitat occurs over the project site, and no impacts to special-status botanical resources or natural communities of special concern would result from the proposed project.

4.4.2 Special-Status Wildlife

The search and review of the CNDDDB identified 12 special-status wildlife species with recorded observations within a five-mile radius of the project site. Only the California red-legged frog (CRLF; *Rana draytonii*), a federally threatened species and California Species of Special Concern (SSC), has recorded observations within the County flood control ditches near the project site. In the past, two of the former golf course ponds supported CRLF on the site that is now the FedEx facility. One of the former golf course ponds at the intersection of 'A' Street and Fairway Drive has been retained with site development as mitigation for CRLF habitat (See Figure 2). Current CRLF use in this pond is undetermined.

The CRLF is a highly aquatic species associated with perennial aquatic habitat for almost its entire lifecycle. The CRLF is known for overland movements between breeding sites during rain or heavy moisture (fog) events. The County flood control ditches have highly variable flows subject to duration and frequency of rainfall events, and at times could support suitable aquatic habitat for breeding and movement upstream and downstream through the ditches. This species may be present within the offsite drainages when water is present, and potentially in the retained mitigation golf course pond. The project site lacks suitable upland refuge habitat with vegetation cover limited to herbaceous grassland habitat. No moist refuge such as riparian habitat or downed woody debris occurs on the project site suggesting only the limited probability of overland movements during or immediately after rainstorms.

The project site existing conditions and proximity to USFWS identified known and potential breeding pond data were assessed for the potential of the site to support breeding or upland dispersal for the California tiger salamander (*Ambystoma californiense*; CTS), a federally listed endangered and state threatened species. The CTS is a lowland species that breeds in temporary pools with sufficient duration for metamorphosis (greater than 90-days) and seeks upland refuge (before/after aquatic breeding and metamorphosis, etc.) in small mammal burrows during most of its lifecycle. They can be found primarily in grasslands and low foothill and oak woodland habitats within a USFWS predicted maximum upland habitat dispersal of 1.3 miles from a breeding pond. CTS breed in long-lasting rain pools (e.g., seasonal ponds, vernal pools, rarely in slow-moving streams), and occasionally in permanent ponds lacking fish or other large predators. During the nonbreeding season and most of their lifecycle, adults and juveniles (up to five years for breeding maturity) occur in upland habitats and occupy ground squirrel (*Otospermophilus beecheyi*) or pocket gopher (*Thomomys bottae*) burrows. They migrate nocturnally to aquatic sites to breed during

relatively warm winter or spring rains. Juveniles emigrate at night from the drying pools to upland refuge sites, such as rodent burrows and cracks in the soil.

No known CTS breeding pools have been documented within the USFWS maximum predicted 1.3-mile CTS upland dispersal distance from the project site. However, two potential breeding pools, SAMA-11 and SAMA-12 have been identified by the USFWS approximately 1.2 miles and 0.72 mile respectively to the southwest of the project site (See Figure 1). The intervening active agricultural fields are an impediment to CTS movement with the agricultural irrigation ditches, flood control ditches, and “Green Canyon” drainage representing positive barriers to CTS movement to the project site. As such, the project site does not represent suitable upland dispersal/refuge habitat, and no breeding habitat for the CTS occurs on the project site. Therefore, there would be no impact to this species from future development following the rezoning of the project site.

The offsite willow riparian habitat along “Green Canyon” and the County flood control ditches when flowing could provide suitable habitat to support the western pond turtle (*Emys marmorata*) that is a highly aquatic species. Upland movement into the mowed/disc'd project area and developed urban land uses is unlikely. The western spadefoot (*Spea hammondi*) is a toad that requires temporary pools for breeding and uplands for dry season refuge. No suitable breeding pools are within the project area or surrounding areas so this species would not be expected to occur. Similarly, no suitable seasonally ponded habitat occurs for the vernal pool fairy shrimp (*Branchinecta lynchi*).

The previous golf course use, lack of shrub cover, and discing/mowing weed control renders the site as unsuitable for the northern legless lizard (*Anniella pulchra*), Blainville's (coast) horned lizard (*Phrynosoma blainvillii*), American badger (*Taxidea taxus*), and burrowing owl (*Athene cunicularia*), all designated as species of special concern. No evidence of badger dens were observed during the DWE field survey. The Lompoc grasshopper (*Trimerotropis occulens*) requires gravelly/rocky undisturbed habitat, and the monarch butterfly (*Danaus plexippus*) requires stands of trees neither of which occur on the project site. The peregrine falcon (*Falco peregrinus*) is a coastal species not expected to use the small urbanized inland site for foraging as no nesting habitat occurs onsite or nearby in the agricultural and urban landscape.

5.0 IMPACT ASSESSMENT AND RECOMMENDED MITIGATION MEASURES

5.1 SUFFICIENCY OF BIOLOGICAL DATA

The DWE field survey and review of available background information are sufficient to:

- 1.) adequately establish existing conditions of the project site and context in the landscape and land use mosaic;
- 2.) determine the occurrence or lack of suitable habitat for special-status plant or wildlife species;
- 3.) determine no waters of the U.S./State occur onsite; and
- 4.) adequately determine the potential significance of proposed development of the site and project impacts on biological resources.

5.2 IMPACT ASSESSMENT

Botanical Resources – Taking into account the 0.42-acre City well facility and yard, the proposed project would allow for the development of 6.43 acres of disturbed/ruderal habitat supporting a low-diversity non-native annual grassland habitat for future undetermined light industrial uses. No native habitat or natural communities of special concern occur on the project site so none would be impacted. No special-status plant species are expected to occur in the disturbed/ruderal habitat. Therefore, the rezoning and future light industrial development of the 6.95-acre ruderal/disturbed/developed site of mostly non-native grasses and forbs would be *considered a less than significant impact on botanical resources*.

General Wildlife Resources – There are no wildlife movement corridors across the site that is surrounded by agricultural lands and abutted to urban development. The network of nearby County flood control ditches may provide wildlife dispersal and migration corridors for a variety of local wildlife species adapted to the agricultural/urban setting (i.e., racoons, opossum, skunk). However, as noted above, no ditches are on the project site and no project activities are proposed within the highly maintained ditches. This site does not contain any features which would provide a native wildlife nursery site that would attract animals or other migratory species. *Therefore, impacts on general wildlife resources would be less than significant.*

Nesting Birds – Potential but very low quality nesting habitat for ground nesting birds protected under the Migratory Bird Treaty Act (MBTA) and the California Fish and Game Code (CFGF Sections 3503/3503.5) occurs in the ruderal grassland habitat on the project site. Project construction may result in direct impacts to nesting bird species, should active nests be present at the time of vegetation clearance. In addition, potentially suitable nesting habitat for a wide range of birds exists within 500 feet of the site. No direct impacts to nesting birds or their habitat outside of the site are expected. Potential impacts to nesting birds could occur only if individuals were to be present during construction and be exposed to potential disruption of nesting activities from construction activities. *This would be considered a potentially significant impact on nesting birds.*

California Red-Legged Frog – While there is a potential for CRLF to occur in the County flood control ditches when water is present and retained golf course pond on the FedEx site, the project site does not support any aquatic habitat and only marginal upland dispersal habitat with little refuge opportunities. No loss of CRLF habitat would result from project development of the site. No designated critical habitat occurs over the project site, so none would be affected. Potential impacts to this species would occur if individuals were present during construction and were exposed to vehicle and heavy equipment traffic. *This would be considered a potentially significant impact.*

5.3 RECOMMENDED MITIGATION MEASURES

Given existing conditions within the existing disturbed/developed project site as documented by the field reconnaissance survey, implementation of the proposed Project land use change and rezone will result in less than significant impacts on botanical and general wildlife resources, as well as waters of the U.S./State/wetland habitat resources. Therefore, no mitigation measures are recommended. The future site development following the rezone may have potentially significant impacts on nesting birds and the California red-legged frog. The following mitigation measures are recommended to avoid impacts on these biological resources.

BIO-1: Nesting Birds Impact Avoidance and Minimization

The following actions are recommended to avoid potential impacts to nesting birds:

- A nesting bird survey should be conducted by a qualified biologist no more than two weeks prior to the onset of construction activities. The nesting bird survey should be conducted within any and all suitable habitat that occurs within the project site, within 300 feet of its immediate vicinity for raptors, and 100 feet for all other bird species (as is feasible). If no active nests are found, no further mitigation would be required.
- If active bird nests are found, then an appropriately sized avoidance buffer should be established by the biologist and all construction work within the buffer should be delayed until after the nesting season has ended or until the biologist has determined that the adults and young are no longer reliant on the nest site for survival.
- Limits of construction to avoid the nest shall be established in the field with flagging and stakes or construction fencing. Construction personnel shall be instructed on the sensitivity of the area.

BIO-2 California Red-legged Frog Impact Avoidance

The following actions are recommended to avoid potential impacts to CRLF:

- A pre-construction survey of the proposed project site for CRLF shall be conducted by a qualified biologist within 48 hours prior to the start of project construction to confirm this species is not present in the work area.
- A qualified biological monitor familiar with CRLF will monitor all initial site disturbance (clearing, grubbing, rough grading).
- In the event the pre-construction survey or the onsite monitor identifies the presence of individuals of CRLF prior to or during construction, then all work shall stop until the CRLF leave the site of their own accord. If CRLF do not move off site on their own, the project proponent shall comply with all relevant requirements of take authorization under the federal Endangered Species Act prior to resuming project activities.

6.0 CONCLUSIONS

Based on the findings described above establishing the existing conditions of biological resources within the project site and implementation of the recommended mitigation measures to avoid impacts on nesting birds and the CRLF, the proposed project would not result in any substantial adverse effects on biological, botanical, or wetland habitat resources. ***Therefore, direct, and indirect project impacts on biological resources would be considered to be less than significant.***

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APPENDIX A

FIGURES

FIGURE 1: REGIONAL LOCATION & CTS POND MAP

FIGURE 2: VICINITY LOCATION & EXISTING CONDITIONS MAP

FIGURE 3: REPRESENTATIVE PHOTOGRAPHS



FIGURE 1 – REGIONAL LOCATION & CTS POND MAP
GOOGLE EARTH MAY 2023





FIGURE 2 – VICINITY LOCATION AND EXISTING CONDITIONS MAP
GOOGLE EARTH MAY 2023

NORTH ↑



Photo 1: View north at non-native ruderal/disturbed grassland of project site and fenced City well site (arrow). 8/28/2023



Photo 2: View south along 'A' Street east border of the site at non-native ruderal annual grassland habitat and fenced City well (arrow). 8/28/2023



Photo 3: View southeast at mowed non-native annual grassland habitat, fenced City well site, & offsite FedEx Ground facility (arrow). 8/28/2023



Photo 4: View S. at mustard dominated grassland, pines on south border, & offsite willow riparian of "Green Canyon" to the south. 8/28/2023

FIGURE 3 – REPRESENTATIVE PHOTOGRAPHS



Photo 5: View north along 'A' Street at disced ruderal/disturbed non-native annual grassland habitat and urbanized edge to the east. 8/28/2023



Photo 6: View south along east project site border of non-native annual grassland, fenced City well site, and development to the east. 8/28/2023



Photo 7: View southeast at City well site developed area. 8/28/2023



Photo 8: View south at County flood control ditch (arrow) offsite to the west of the project site. 8/28/2023

FIGURE 3 – REPRESENTATIVE PHOTOGRAPHS



Phase I Environmental Site Assessment

Santa Maria Airport Rezoning Project
1494 Fairway Drive
Santa Maria, California

prepared for

RRM Design Group
3765 South Higuera Street, Suite 102
San Luis Obispo, California 93401

prepared by

Rincon Consultants, Inc.

Report Date – August 22, 2023
Date of First Research – June 9, 2023



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August 22, 2023
Project No.: 23-14608

Pamela A. Ricci, AICP
RRM Design Group
3765 South Higuera Street, Suite 102
San Luis Obispo, California 93401
Via email: paricci@rrmdesign.com

Subject: Phase I Environmental Site Assessment, Santa Maria Airport Rezoning Project, Santa Maria, California

Dear Ms. Ricci:

This report presents the findings of a Phase I Environmental Site Assessment (ESA) completed by Rincon Consultants, Inc. (Rincon) for the Santa Maria Airport Rezoning Project located in Santa Maria, California. The Phase I ESA was performed in accordance with our proposal dated May 25, 2023 and contract dated June 6, 2023.

The accompanying report presents our findings and provides an opinion regarding the presence of recognized environmental conditions in connection with the subject property. Our work program for this project, as referenced in our contract, is intended to meet the guidelines outlined in the American Society for Testing and Materials (ASTM), Standard Practice for Environmental Site Assessments: *Phase I Environmental Site Assessment Process* (ASTM Standard E1527-21). Our scope of services, pursuant to ASTM practice, did not include any inquiries with respect to asbestos-containing building materials unrelated to releases into the environment; biological agents; cultural and historic resources; ecological resources; endangered species; health and safety; indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment; industrial hygiene; lead-based paint unrelated to releases into the environment; lead in drinking water; mold or microbial growth conditions; polychlorinated biphenyl-containing building materials (e.g., interior fluorescent light ballasts, paint, and caulk); naturally-occurring radon; regulatory compliance; substances not defined as hazardous substances (including some substances sometimes generally referred to as emerging contaminants) unless or until such substances are classified as a Comprehensive Environmental Response, Compensation, and Liability Act hazardous substance; and wetlands.

Thank you for selecting Rincon for this project. If you have any questions, or if we can be of any future assistance, please contact us.

Sincerely,
Rincon Consultants, Inc.

Lauren Vigliotti
Environmental Scientist

Ryan Thacher, PhD, PE
Director of Site Assessment and Remediation

Savanna Vrevich
Environmental Scientist

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Appendices

Appendix A Interview Documentation

Appendix B Regulatory Records Search

Appendix C Regulatory Documentation

Appendix D Historical Research Documentation

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1 Executive Summary

This report presents the findings of a Phase I Environmental Site Assessment (ESA) for the Santa Maria Airport Rezoning Project located at 1494 Fairway Drive in Santa Maria, California (subject property). The Phase I ESA was performed for RRM Design Group by Rincon Consultants, Inc. (Rincon). RRM Design Group has requested this assessment and will use the information for the purpose of rezoning. The subject property is currently a vacant 6.95-acre parcel that includes a City of Santa Maria drinking water well. It is our understanding that the proposed future use of the property includes rezoning for industrial uses, with no current redevelopment plans.

The research completed as part of this Phase I ESA is listed below:

Task	Completed	Date Reviewed	Concern Identified?
User-Provided – Title Report	Yes	06/20/2023	No
User-Provided – Lien Search Report	Requested	Not Applicable (N/A)	N/A
Historical Research – Aerial Photographs	Yes	06/20/2023	Yes
Historical – Topographic Maps	Yes	06/20/2023	No
Historical – Fire Insurance Maps	Yes, none available	N/A	N/A
Historical – City Directories	Yes	06/20/2023	No
Physical Setting	Yes	06/09/2023	No
Agency Database Report	Yes	06/09/2023	Yes
Agency File Reviews	Yes	06/13/2023	Yes
Interviews – User Questionnaire	Yes	06/20/2023	No
Interviews – Owner Questionnaire	Yes	06/20/2023	No
Interviews – Other	Yes	06/29/2023	No
Site Reconnaissance	Yes	06/29/2023	Yes
Vapor Migration Research	Yes	06/13/2023	No

Based on the findings of this Phase I ESA, it is our opinion that that no recognized environmental conditions (RECs), historical recognized environmental conditions (HRECs), or controlled recognized environmental conditions (CRECs) were identified for the subject property. However, there are environmental concerns in connection with the subject property as follows.

Notable Findings

1. The subject property is located within the Santa Maria Airport Per- and Polyfluoroalkyl Substances (PFAS) Investigation site, but is outside of a one-mile radius of identified PFAS sources and impacts.
2. An abandoned/remnant well structure is located in the southeastern portion of the subject property.
3. Historical use of the subject property as part of a military base and a golf course may be associated with unidentified subsurface debris and/or structures.
4. The former Santa Maria oil field is located between 0.5 and 1.5 miles north and east of the subject property.

Because we have no evidence indicating that the subject property has been impacted by hazardous materials or petroleum products, no additional assessment is recommended. However, based on the Notable Findings above, Rincon recommends preparation of a soil management plan prior to

activities that will disturb soil at the subject property. We also recommend proper abandonment of the well structure observed in the southeastern portion of the subject property.

2 Introduction

This report presents the findings of a Phase I Environmental Site Assessment (ESA) conducted for the Santa Maria Airport Rezoning Project located at 1494 Fairway Drive in Santa Maria, California (subject property; Figure 1). The Phase I ESA was performed by Rincon Consultants, Inc. (Rincon) for RRM Design Group in general conformance with American Society for Testing and Materials (ASTM) E1527-21, our proposal dated May 25, 2023, and our contract dated June 6, 2023. This report presents our findings and provides our opinion as to the presence of recognized environmental conditions (RECs) on the subject property.

2.1 Subject Property Description

The subject property is located on the west side of A Street, opposite the intersection with Fairway Drive in Santa Maria, California (Figure 2). Additional information regarding the subject property is listed below:

Table 1 Subject Property Characteristics

Property Characteristic	Description
Subject Property Address(es)	1494 Fairway Drive, Santa Maria, California
Historical Subject Property Address(es)	None
Assessor's Parcel Number(s)/Acreage	111-231-016/6.95 acres
No. of Buildings/Year of Construction	1 pump house and 1 shed within 0.42-acre yard
Subterranean Features	Water well
Current Subject Property Use	Vacant land and a City water well pump facility and yard (0.42 acre)
Current Owner of Subject Property	Santa Maria Airport
Current Tenant(s) of Subject Property	City of Santa Maria

2.1.1 Descriptions of Roads and Other Improvements on the Subject Property

The following were observed on the subject property during the site reconnaissance:

- Concrete pad with an unidentified meter in the eastern portion of the subject property.
- City of Santa Maria groundwater well inside a housing on a concrete slab, pump house structure on a concrete slab within a locked gate and barbed wire/chain-link fenced area. The pump house contained two 100-gallon chlorine storage tanks.
- Pad-mounted transformer within the fenced area.
- Two flush-mounted utility boxes in the eastern portion of the subject property.
- An abandoned well structure was observed in the vegetated area in the southeastern portion, and lengths of PVC pipe were observed on the ground nearby.

The remainder of the subject property consists of vegetated land with a dirt access road. Access to the subject property is available through a gate and a driveway on Fairway Drive. The following utility providers service the subject property:

Electrical Service	Pacific Gas and Electric (PG&E)
Natural Gas Service	None
Water Service	City of Santa Maria (water well on subject property)
Sewer Service	None
Solid Waste Service	None

Figure 1 Vicinity

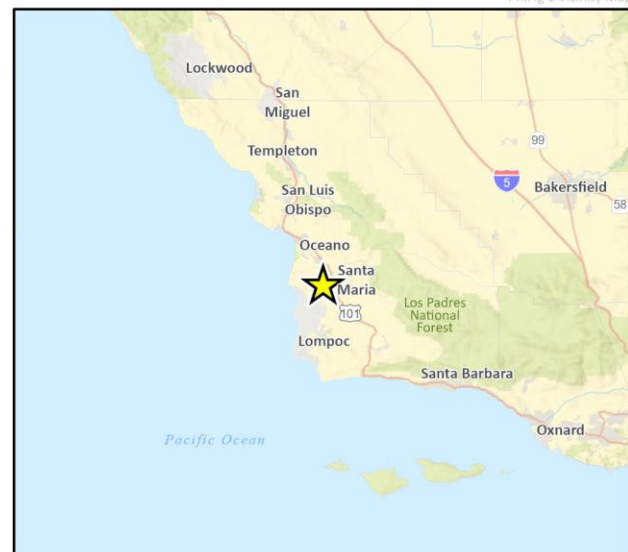
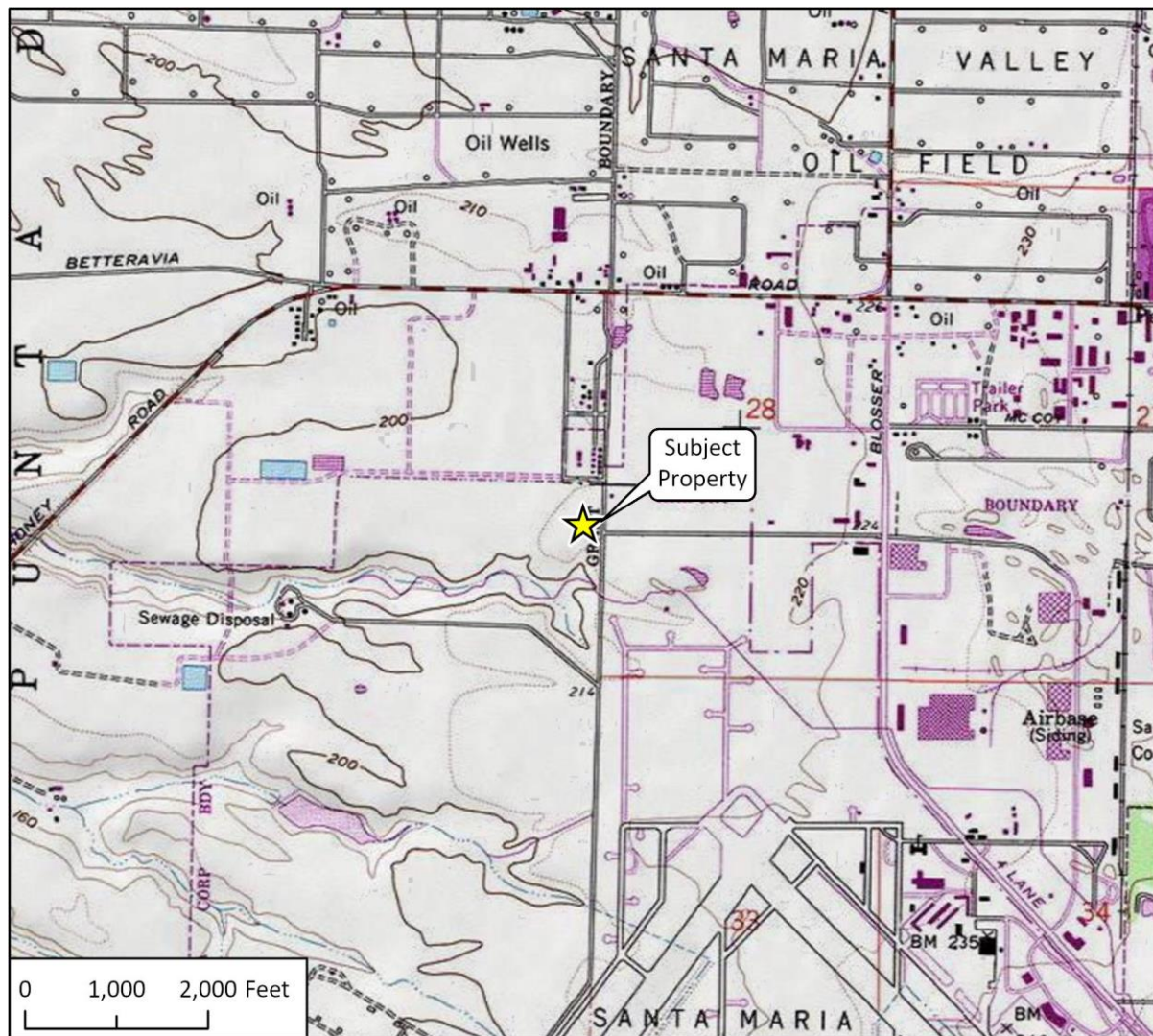


Figure 2 Subject Property



2.1.2 General Vicinity Characteristics

The subject property is located in an area that primarily consists of commercial and industrial land uses. The current adjacent land uses are described in Table 2 and depicted on Figure 3.

Table 2 Current Uses of Adjacent Properties

Area	Use
Northern Properties	Commercial businesses including a printing facility and a café
Eastern Properties	Fairway Drive followed by industrial buildings and a shipping facility
Southern Properties	Undeveloped land with airport property farther south
Western Properties	Agricultural fields (row crops)

Figure 3 Adjacent Land Use



2.2 Purpose and Definitions

RRM Design Group has requested this assessment and will use the information for the purpose of rezoning the subject property. The purpose of this Phase I ESA was to determine if there are RECs on the subject property, taking into account commonly and reasonably ascertainable information, and to qualify for Landowner Liability Protections under the Brownfields Amendments to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

A **Recognized Environmental Condition (REC)** is defined pursuant to ASTM E1527-21 as,

- “(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment;
- (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or
- (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.”

As stated in ASTM E1527-21, “**likely** is that which is neither certain nor proved, but can be expected or believed by a reasonable observer based on the logic and/or experience of the environmental professional, and/or available evidence, as stated in the report to support the opinions given therein.”

A **Controlled REC** is defined pursuant to ASTM E1527-21 as, “recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations).”

A **Historical REC** is defined pursuant to ASTM E1527-21 as, “a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). A historical recognized environmental condition is not a recognized environmental condition.”

A **de minimis** condition is defined pursuant to ASTM E1527-21 as, “a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A condition determined to be a de minimis condition is not a recognized environmental condition nor a controlled recognized environmental condition.”

A **Property Use Limitation (PUL)** is defined pursuant to ASTM E1527-21 as, “a limitation or restriction on current or future use of a property in connection with a response to a release, in accordance with the applicable regulatory authority or authorities that allows hazardous substances or petroleum products to remain in place at concentrations exceeding unrestricted use criteria.”

A **Significant Data Gap** is defined pursuant to ASTM E1527-21 as, “a data gap that affects the ability of the environmental professional to identify a recognized environmental condition.”

2.2.1 Notable Finding

Although not defined by ASTM E1527-21, Rincon utilizes the term *Notable Finding* for potential environmental concerns present at or possibly present at a property that do not specifically fit one of the above ASTM-defined situations, yet may impact current or future use of the subject property.

2.3 Scope of Services

The scope of services conducted during this study is outlined below:

- Performed a reconnaissance of the subject property to identify obvious indicators of the existence of hazardous materials.
- Observed adjacent or nearby properties from public thoroughfares in an attempt to see if such properties are likely to use, store, generate, or dispose of hazardous materials.
- Obtained and reviewed an environmental records database search to obtain information about the potential for hazardous materials to exist at the subject property or at properties located in the vicinity of the subject property.
- Reviewed files for the subject property and immediately adjacent properties as identified in the database report, as applicable.
- Reviewed the current United States Geological Survey (USGS) topographic map to obtain information about the subject property and regional topography and uses of the subject property and surrounding sites.
- Reviewed additional pertinent record sources (e.g., California Geologic Energy Management Division [CalGEM] records, online databases of hazardous substance release sites), as necessary, to identify the presence of RECs at the subject property.
- Reviewed the California State Water Resources Control Board (SWRCB) Statewide Per- and Polyfluoroalkyl Substances (PFAS) Investigation online Public Map Viewer regarding current PFAS orders issued to facilities located in the vicinity of the subject property.
- Reviewed reasonably ascertainable historical resources (e.g., aerial photographs, topographic maps, fire insurance maps, city directories) to assess the historical land use of the subject property and adjacent properties.
- Provided a user interview questionnaire to a representative of RRM Design Group, the user of the Phase I ESA.
- Provided a property owner interview questionnaire to the property owner or a designated subject property representative identified to Rincon by RRM Design Group.
- Conducted interviews with other property representatives (e.g., key site manager, occupants), as applicable.
- Reviewed available RRM Design Group-provided information (e.g., previous environmental reports, title documentation).
- Requested Title Search Information Reports and environmental lien search information from the user of the report.

2.4 Significant Assumptions, Limitations, Deviations, Exceptions, Special Terms, and Conditions

This work is intended to adhere to good commercial, customary, and generally accepted environmental investigation practices for similar investigations conducted at this time and in this geographic area. No guarantee or warranties, expressed or implied, are provided. The findings and opinions conveyed in this report are based on findings derived from a site reconnaissance, review of an environmental database report, specified regulatory records and historical sources, and comments made by interviewees. This report is not intended as a comprehensive site characterization and should not be construed as such. Standard data sources relied upon during the completion of Phase I ESAs may vary with regard to accuracy and completeness. Although Rincon believes the data sources are reasonably reliable, Rincon cannot and does not guarantee the

authenticity or reliability of the data sources it has used. Additionally, pursuant to our contract, the data sources reviewed included only those that are practically reviewable without the need for extraordinary research.

Rincon has not found evidence that hazardous materials or petroleum products exist at the subject property at levels likely to warrant mitigation. Rincon does not under any circumstances warrant or guarantee that not finding evidence of hazardous materials or petroleum products means that hazardous materials or petroleum products do not exist on the subject property. Additional research, including surface or subsurface sampling and analysis, can reduce RRM Design Group's risks, but no techniques commonly employed can eliminate these risks altogether.

In addition, pursuant to ASTM E1527-21 practice, our scope of services did not include any inquiries with respect to asbestos-containing building materials unrelated to releases into the environment; biological agents; cultural and historic resources; ecological resources; endangered species; health and safety; indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment; industrial hygiene; lead-based paint unrelated to releases into the environment; lead in drinking water; mold or microbial growth conditions; polychlorinated biphenyl (PCB)-containing building materials (e.g., interior fluorescent light ballasts, paint, and caulk); naturally-occurring radon; regulatory compliance; substances not defined as hazardous substances (including some substances sometimes generally referred to as emerging contaminants) unless or until such substances are classified as a CERCLA hazardous substance; and wetlands.

2.5 ASTM Deviations

Deviations from ASTM E1527-21 practice were not encountered during the completion of this Phase I ESA. An environmental lien search was not completed as part of this assessment; however, one was requested from the user.

2.6 User Reliance

RRM Design Group has requested this assessment and will use the information for the purpose of rezoning the subject property. This Phase I ESA was prepared for use solely and exclusively by RRM Design Group, the City of Santa Maria, the Santa Maria Airport District, the project consultant team, environmental review consultants, and the future property owner/developer. No other use or disclosure is intended or authorized by Rincon. Also, this report is issued with the understanding that it is to be used only in its entirety. It is intended for use only by RRM Design Group, the City of Santa Maria, the Santa Maria Airport District, the project consultant team, environmental review consultants, and the future property owner/developer, and no other person or entity may rely upon the report without the express written consent of Rincon.

3 User-Provided Information and Responsibilities

3.1 Review Land Title Records and Judicial Records for Environmental Liens and Activity and Use Limitations

Rincon requested title search information reports from the user of the report. Pursuant to ASTM E1527-21,

“the title search information reports shall identify environmental covenants, environmental easements, land use covenant and agreements, declaration of environmental land use restrictions, environmental land use controls, environmental use controls, environmental liens, or any other recorded instrument that restricts, affects, or encumbers the title to the subject property due to restrictions or encumbrances associated with the presence of hazardous substances or petroleum products. Title search information reports shall review land title records for documents recorded between 1980 and the present. If judicial records are not reviewed, the title search information report shall include a statement providing that the law or custom in the jurisdiction at issue does not require a search for judicial records in order to identify environmental liens.”

As stated in ASTM E1527-21 it is the “user’s responsibility to search for environmental liens and activity and land use limitations (AULs).” This is in “addition to the environmental professional’s search of institutional control and engineering control registries described in” ASTM E1527-21 Section 8.2.

A copy of the title search information records provided by the user is included in Appendix A and described in Section 3.3.

3.2 User Questionnaire

As described in ASTM E1527-21 Section 6, a User Questionnaire as provided by ASTM E1527-21 Appendix X3 was provided to RRM Design Group. The purpose of the User Questionnaire is for the user of the Phase I ESA to provide actual knowledge pertaining to the subject property to help identify RECs. Pamela A. Ricci, Principal Planner with RRM Design Group, completed the User Questionnaire on June 19, 2023. A copy of the completed questionnaire is included as Appendix A.

Based on our review of the completed questionnaire, the user indicated the following:

- The Phase I ESA is required/being performed as requested by the City of Santa Maria as part of the pre-application review process for a rezoning of the subject property from Open Space to Light Manufacturing (M-1).
- The Airport District will be rezoning the property to market the subject property for light industrial development.

Based on our review of the completed questionnaire, the user did not review the following sources of information and is unaware of information regarding the following:

- Recorded land title records (or judicial records, where appropriate) that identify any environmental liens filed or recorded against the subject property
- Recorded land title records (or judicial records, where appropriate) that identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the subject property under federal, tribal, state, or local law
- Title Report that identifies information pertaining to environmental cleanup liens or AULs for the subject property

Based on our review of the completed questionnaire, the user is unaware of information regarding the following:

- Specialized knowledge or experience related to the subject property or nearby properties
- Reduction in value for the subject property relative to any known environmental issues
- Commonly known or reasonably ascertainable information about the subject property that would help the environmental professional to identify conditions indicative of releases or threatened releases
- Obvious indicators that point to the presence or likely presence of releases at the subject property
- Pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the subject property
- Pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property
- Notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products

Based on our review of the completed questionnaire, the user identified information pertaining to the subject property that may help identify RECs in connection with the subject property. This information is summarized below:

- The past use of the subject property was as part of a golf course.

3.3 User-Provided Document Review

The following document regarding the subject property was provided by RRM Design Group:

- *Fidelity National Title Company, Preliminary Report, State Highway 135 & Skyway Drive, Santa Maria, California, dated April 20, 2023.*

The title report indicates that the subject property includes an easement in the eastern-central portion for “discharge and drainage of potable water associated with the start-up of City well 10-S”, recorded on 04/22/1997. An easement for a water line enters the eastern-central portion of the subject property, dated from 12/20/1979.

4 Physical Setting Resources and Government Records

4.1 Physical Setting Resources

4.1.1 Topography

The current USGS topographic map (Santa Maria Quadrangle 2018) indicates that the subject property is situated at an elevation of approximately 213 feet above mean sea level with topography sloping gently to the southwest. The adjacent topography slopes gently to the west. A copy of the current USGS topographic map is included in Appendix D (EDR 2023e, page 6).

4.1.2 Geology and Hydrogeology

Based on information provided by RRM Design Group and the property owner, there are no site-specific geotechnical or geologic reports available for the subject property.

According to the Geologic Map of California (Jennings et al 2010), the subject property is underlain by Quaternary deposits consisting of extensive marine and nonmarine sand deposits.

During the preparation of this Phase I ESA, we reviewed the California SWRCB's online GeoTracker database to determine groundwater flow direction in the vicinity of the subject property. File reviews conducted for surrounding release sites indicate that regional groundwater is typically encountered at depths greater than 140 feet below ground surface and shallow/perched groundwater occurs at depths between approximately 4 and 13 feet bgs. Based on information from one source, groundwater in the vicinity of the subject property generally flows to the northwest. The information obtained regarding groundwater in the vicinity of the subject property is listed below:

Source Address, Distance, and Direction from Subject Property	Groundwater Depth (feet below ground surface)	Groundwater Flow Direction	Source
Unocal, 1500 W. Betteravia Rd., Santa Maria – 0.4 mile north	>80 feet	No data	GeoTracker (Harding ESE Inc. 2002)
MacDonnell No. 3 Sump, 2337 Thompson Way, Santa Maria – 0.5 mile northeast	140 feet	Northwest	GeoTracker (Santa Barbara County Fire Department 2001)
Santa Maria Airport, 3217 Terminal Dr., Santa Maria – 1.25 miles southeast	4 to 10 feet (shallow/perched)	No data	GeoTracker (SCS Engineers 2021)

A City of Santa Maria Water Department drinking water well is located in the eastern portion of the subject property, and is identified as Well 10S, State Well #CA4210011_010_010. The well is reported to have a total depth of 507 feet bgs and a screened interval of 291 feet bgs to 507 feet bgs (GeoTracker 2023). Additional information regarding water quality data for this well is provided in Section 4.6.

4.2 Government Record Sources and Agency Records Review

Rincon outsourced with a regulatory database search contractor, Environmental Data Resources (EDR), to obtain records of sites that generate, store, treat, or dispose of hazardous materials and sites for which a hazardous material release incident has occurred. The regulatory database search was conducted for the subject property and included data from surrounding sites within specified radii of the subject property. A copy of the database report, which specifies the ASTM E1527-21 search distance for each public list, is included as Appendix B. As shown on the June 8, 2023 database report, federal, state, and county lists were reviewed as part of the research effort. Please refer to Appendix B for a complete listing of sites reported by EDR and a description of the databases reviewed.

The Map Findings Summary, included in the database report, provides a summary of the databases searched, the number of reported facilities within the search radii, and whether the facility is located onsite or adjacent to the subject property.

As a follow-up to the database search, Rincon reviewed regulatory information for the subject property and nearby listings that were interpreted to have the potential to impact the subject property, based on one or more of the factors listed below:

- Reported distance of the facility from the subject property;
- The nature of the database on which the facility is listed, and/or whether the facility was listed on a database reporting unauthorized releases of hazardous materials, petroleum products, or hazardous wastes;
- Reported case type (e.g., soil only, failed underground storage tank [UST] test only);
- Reported substance released (e.g., chlorinated solvents, gasoline, metals);
- Reported regulatory agency status (e.g., case closed, “no further action”); and,
- Location of the facility with respect to the reported groundwater flow direction (discussed in Section 4.1 of this report).

Facilities/properties that were interpreted by Rincon to be of potential environmental concern to the subject property, based on one or more of the factors listed above, are summarized below. In accordance with ASTM E1527-21, contamination migration pathways in soil, groundwater, and soil vapor were considered in our analysis of offsite properties of potential environmental concern.

The following sections include a summary of our review of the database report and the regulatory information obtained from online sources (e.g., SWRCB GeoTracker database, Department of Toxic Substances Control [DTSC] EnviroStor database, local fire department) and/or files requested from the applicable regulatory agency.

4.2.1 Orphan Listings

The EDR database report identified six orphan or unmapped site listings, which were unable to be plotted due to insufficient address information. Based on Rincon’s review of the limited address information or site descriptions for the orphan listings, none of the listings are expected to impact the subject property.

4.2.2 Subject Property

4.2.2.1 Well 10S

Database Summary	The drinking water well at the subject property was listed in the PFAS database. This listing indicates that the well at the subject property is sampled periodically as part of the SWRCB PFAS investigation requirements. More details regarding PFAS are provided in Section 4.5.
Agency Records	Agency records were reviewed online at GeoTracker and the SWRCB website, as summarized below.
Agency Lead	Central Coast Regional Water Quality Control Board (RWQCB)
Listing/Case Status	Open
Soil Impacts/COCs	No
Soil Vapor Impacts/COCs	No
Groundwater Impacts/COCs	Yes/PFAS
Groundwater Depth/Flow Direction	Unknown
Potential Impacts to Soil, Soil Vapor, and/or Groundwater at Subject Property	Yes

4.2.3 Adjacent Properties

4.2.3.1 Northern Adjacent Property – 2445 A Street (VTC Enterprises)

Database Summary	The northern adjacent site was listed in three non-release databases: RCRA NonGen/NLR, FINDS, and ECHO. These listings indicate that hazardous materials are handled and stored onsite; however, no releases have been reported.
Agency Records	Agency records were not reviewed because no releases have been reported at this facility.
Agency Lead	Not Applicable (N/A)
Listing/Case Status	N/A
Soil Impacts/COCs	No
Soil Vapor Impacts/COCs	No
Groundwater Impacts/COCs	No
Groundwater Depth/Flow Direction	Unknown
Site Distance from Subject Property	Adjacent to the north (approximately 140 feet away)
Potential Impacts to Soil, Soil Vapor, and/or Groundwater at Subject Property	No

4.2.3.2 Eastern Adjacent Property – 1424 Fairway Drive (Ellis Logistics)

Database Summary	The eastern adjacent site was listed in three non-release databases: RCRA NonGen/NLR, FINDS, and ECHO. These listings indicate that hazardous materials are handled and stored onsite; however, no releases have been reported.
Agency Records	Agency records were not reviewed because no releases have been reported at this facility.
Agency Lead	N/A

Listing/Case Status	N/A
Soil Impacts/COCs	N/A
Soil Vapor Impacts/COCs	No
Groundwater Impacts/COCs	No
Groundwater Depth/Flow Direction	Unknown
Site Distance from Subject Property	Immediately adjacent to the east
Potential Impacts to Soil, Soil Vapor, and/or Groundwater at Subject Property	No

4.2.4 Nearby Release Sites within 1/3 Mile

The Santa Maria Airport property, which includes the subject property, was associated with nine release listings in the databases searched. No other release sites were listed within 1/3 mile of the subject property. Agency records for releases associated with the Santa Maria Airport site were reviewed online at GeoTracker and EnviroStor, and are summarized in Table 3 below.

There are numerous release sites associated with the Santa Maria oil field located approximately 0.5 to 1.5 miles north and east of the subject property. Due to their distance, these release sites are unlikely to pose a risk to the subject property.

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Table 3 Summary of Santa Maria Airport Release Sites

Site Name/ Address	Listed Regulatory Databases	Agency Lead	Case Status	Soil Impacts/ COCs	Soil Vapor Impacts/ COCs	Groundwater Impacts/ COCs	Groundwater Depth/ Flow Direction	Site Distance and Direction from Subject Property	Release Distance and Direction from Subject Property	Potential Impacts to Soil, Soil Vapor, and/or Groundwater at the Subject Property	Notes
Santa Maria Pub/Capt G Allan Hancock Fld, 3217 Terminal Drive	Cleanup Program – PFAS Investigation	RWQCB	Open – site assessment as of 06/25/2020	Yes, PFAS	No	Yes, PFAS	Perched groundwater 3.5 to 10 feet bgs, unknown flow direction; regional groundwater 160 to 200 feet bgs	Approximately 0.75 mile southeast	Approximately 0.75 mile southeast	No	The SWRCB issued investigation order WQ 2019-0005-DWQ to the Santa Maria Airport requiring completion of an initial PFAS investigation at the Airport. Soil, groundwater, and surface water samples were collected in March 2020. The results of the investigation did not identify PFAS in the supply or agricultural wells at the airport (including Well 10S on the subject property). PFAS was reported in soil and groundwater samples collected from the main portions of the airport. The subject property is located outside of a 1-mile radius of identified PFAS source areas at the Santa Maria Airport site (Appendix C) (SCS Engineering 2021), and are not likely to be found in soil at the subject property.
Western Air Lines	FUDS, EnviroStor	DTSC	Inactive – Needs Evaluation as of 07/01/2005	Unknown	Unknown	Unknown	Unknown	Approximately 0.9 mile southeast	Unknown	No	No additional information/site documents regarding this site available on GeoTracker or EnviroStor
Van AFB- Santa Maria Airport/Heavy Bomber Base/Hancock Airfield	EnviroStor	DTSC	Inactive – Needs Evaluation as of 07/01/2005	Unknown	Unknown	Unknown	Unknown	Approximately 0.9 mile southeast	Unknown	No	No additional information/site documents regarding this site available on GeoTracker or EnviroStor
Santa Maria Army Airfield, 3217 Skyway Drive	FUDS, EnviroStor, LUST	RWQCB	Open, Inactive as of 05/20/2010	Yes, Petroleum hydrocarbons	Unknown	Unknown	Unknown	Approximately 0.7 mile southeast	Unknown	No	The Department of Defense (DoD) has not prepared a Joint Execution Plan for this facility, no funding is available for regulatory oversight. Maps depicting locations of USTs at the site identify them at least 1 mile southeast of the subject property.
Avis Rent-A- Car, 3249 Terminal Drive	LUST	Santa Barbara County, RWQCB	Open, Inactive as of 07/01/2013	Yes, Petroleum hydrocarbons	No	No	Unknown	Approximately 1.25 miles southeast	Approximately 1.25 miles southeast	No	UST removed from the site in 2005. Groundwater not encountered in excavation. No additional information available.
Santa Maria Airport, 3217 Terminal Drive	LUST	Santa Barbara County, RWQCB	Closed as of 09/28/1995	Yes, Gasoline	Unknown	No	Unknown	Approximately 1.25 miles southeast	Approximately 1.25 miles southeast	No	Releases from six USTs and/or associated pipelines reported during UST removal/closure activities by the Army Corps of Engineers in 1990 and 1991.
Starline Aircraft Services, 3427 Skyway Drive	LUST	Santa Barbara County	Closed as of 09/19/1993	Yes, Jet fuel	Unknown	No	Unknown	Approximately 1.25 miles southeast	Approximately 1.25 miles southeast	No	Release of jet fuel to soil from fuel lines. Impacts delineated onsite, and case closure was granted.
Skyway Aviation Fuel, 3233 Skyway Drive	LUST	Santa Barbara County, RWQCB	Closed as of 09/28/1990	Yes, Jet-A fuel	Unknown	No	Unknown	Approximately 1 mile southeast	Approximately 1 mile southeast	No	Release of jet-A fuel discovered during a UST removal. Soil was excavated, bioremediated and replaced, under approval from Santa Barbara County.
Santa Maria Airport District, 3217 Skyway Drive	LUST	Santa Barbara County, RWQCB	Closed as of 07/10/1990	Yes, Petroleum hydrocarbons	Unknown	No	Unknown	Approximately 1 mile southeast	Approximately 1 mile southeast	No	According to GeoTracker, the U.S. Army Corps of Engineers addressed the removal and sampling associated with 64 UST and pipeline distribution sites located in the Santa Maria Public Airport District (GeoTracker 2023d).

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4.3 Review of State of California Geologic Energy Management Division (CalGEM) Records

A review of the CalGEM Online Mapping System indicates that no oil wells are located on the subject property or adjacent properties, or within 0.25 mile of the subject property (CalGEM 2023).

4.4 Review of National Pipeline Mapping System Records

A review of the National Pipeline Mapping System (NPMS) online Public Map Viewer indicates that no natural gas transmission pipelines or hazardous liquid pipelines are located on the subject property or adjacent properties. Additionally, no pipeline-related accidents or incidents are mapped within 0.25 mile of the subject property (United States Department of Transportation 2023).

4.5 Review of California Statewide PFAS Investigation

Beginning in 2019, the SWRCB sent assessment requirements to property owners of sites that may be potential sources of PFAS. These sites currently include select airports, chrome plating facilities, DoD sites, landfills, publicly owned treatment works facilities, and bulk fuel storage terminals and refineries. According to the SWRCB, “PFAS are a large group of human-made substances that do not occur naturally in the environment and are resistant to heat, water, and oil” (SWRCB 2023b). There are 57 known classes of PFAS comprising hundreds of individual PFAS compounds that were, or still are commercially produced. Only two PFAS compounds have undergone sufficient toxicological testing to have been assigned United States Environmental Protection Agency (USEPA) Health Advisory Levels: perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS). Other PFAS compounds are transformed into PFOA and PFOS in the environment (USEPA 2023).

Our June 9, 2023 review of the California PFAS Investigations online map viewer indicates that there are no current chrome plating, DoD, landfill, publicly owned treatment works facilities, or bulk fuel storage terminals and refineries with PFAS orders listed as located within 0.5 mile of the subject property (SWRCB 2023c).

The Santa Maria Airport is an open PFAS investigation site being overseen by the Central Coast RWQCB. The subject property is located within the Santa Maria Airport PFAS investigation site boundary; however, the subject property is located outside of a 1-mile radius of identified PFAS contamination sources (Appendix C) (SCS Engineers 2021).

Our June 9, 2023 review of the online GeoTracker PFAS Map viewer and the PFAS Investigation Report prepared for the Santa Maria Airport (SCS Engineers 2021) indicates that PFOA was detected at a concentration of 2.1 nanograms per liter (ng/L), less than the notification level of 5.1 ng/L, in the Santa Maria Water Department drinking water well (ID 10S) located on the subject property during the most recent sampling event in February 2020. PFOS was not detected Well 10S. Well 10S is tested periodically as part of a PFAS investigative order (SWRCB 2023c, SCS Engineers 2021). PFOA and PFOS were not detected in five other drinking water wells located within 1 mile of the subject property.

5 Historical Records

5.1 Methodology

The historical records review completed for this Phase I ESA includes aerial photographs, topographic maps, fire insurance maps, city directories, and building permits as detailed in the following sections. Copies of the historical resources reviewed are included in Appendix C. Table 4 provides a summary of the historical use information available for the subject property and adjacent properties.

Review of Aerial Photographs	Aerial photographs from EDR's aerial photograph collection were obtained. In addition, a current aerial photograph from Google Earth was reviewed. The aerial photographs were reviewed on June 20, 2023.
Review of Historical Topographic Maps	Historical topographic maps from EDR's map collection were obtained. The historical topographic maps were reviewed on June 20, 2023.
Review of City Directory Listings	EDR was contracted to provide copies of city directory listings for the subject property. The city directory listings were reviewed on June 20, 2023.
Review of Fire Insurance Maps	EDR was contracted to provide copies of fire insurance maps (i.e., Sanborns) for the subject property. As indicated in the attached report, fire insurance maps were not available for the subject property or adjacent properties.
Review of City of Building Permit Records	Based on the sufficient amount of information obtained from the above sources, building permit records were not reviewed.
Other Historical Sources	Based on the sufficiency of historical information obtained for the purposes of this report, no additional historical sources were reviewed.

5.2 Summary of Subject Property and Adjacent Historical Uses

Table 4 Historical Use of the Subject Property and Adjoining Properties

Year/Source	Subject Property Use	Adjoining Property Use
1905 Topographic Map (TM)	Undeveloped land	North (N), East (E), South (S), and West (W): Undeveloped land
1938 Aerial Photograph (AP)	Undeveloped land	N: A road followed by undeveloped land E, S, W: Undeveloped land
1943 AP, 1947 TM, 1948 TM	Vacant land with unimproved roads	N, S, W: Undeveloped land E: Road followed by land developed with numerous small structures
1954 AP, 1959 TM, 1960 AP	Similar to previous	N: Vacant land followed by numerous residential structures (appears to be military barracks) E: Road followed by land developed with small structures identified as "Labor Camp" on TM. S, W: Undeveloped land

Year/Source	Subject Property Use	Adjoining Property Use
1967 AP, 1967 TM	Vacant land, agricultural land (dry farming) in northwestern corner	N: Vacant land and barracks E: Vacant, vegetated land S: Undeveloped land W: Agricultural land (dry farming) and undeveloped land
1973 City Directory (CD), 1974 TM, 1975 AP, 1978 AP, 1981 AP, 1982 TM	Vacant land with a small feature in central-eastern portion that appears similar to the location of the current City water well	N: Redevelopment with six new structures, appears similar to current commercial property (CD lists commercial businesses) E: Vacant, vegetated land S: Undeveloped land W: Agricultural land (dry farming)
1994 AP, 1995 CD, 2000 CD, 2005 AP	Small feature in central-eastern portion (City water well), remainder appears to be a portion of the golf course to the east with a pond onsite	N, S, W: Similar to previous E: Golf course, Sunset Ridge Golf Center listed at 1424 Fairway Drive in CDs
2009 AP, 2012 AP, 2012 TM, 2015 CD, 2015 TM	Similar to previous	N, S, W: Similar to previous E: Roads that appear similar to current A Street and Fairway Drive, followed by golf course (southeast) and commercial structures (northeast), Sunset Ridge Golf Center at 1424 Fairway Drive
2016 AP, 2018 TM	Appears as inactive/former golf course land with a pond and City water well feature in central-eastern portion	N: Additional commercial structures present E: Similar to previous, except area to the southeast appears as inactive/former golf course S: Undeveloped vegetated land W: Developed with three structures
2020 AP, 2020 CD	Vacant land with City water well feature in central-eastern portion	N, S, W: Similar to previous E: Parking lot and one large commercial structure to the southeast, CD lists commercial businesses

5.3 Gaps in Historical Sources

Several gaps of greater than 5 years were identified in the historical records reviewed: from 1905 to 1938, 1948 to 1954, 1960 to 1967, 1967 to 1974, and 1982 to 1990. These gaps are considered insignificant because the subject property use appears to be similar prior to and following the gaps.

6 Interviews

Rincon performed interviews regarding the subject property and surrounding areas. The purpose of the interviews was to discuss current and historical conditions and to obtain information indicating the presence of RECs in connection with the subject property.

6.1 Interview Summaries

6.1.1 Interview with Owner

An interview questionnaire was provided to the property owner, the Santa Maria Public Airport, prior to the site reconnaissance. Ric Tokoph, the Operations Manager, completed the Owner Questionnaire on June 15, 2023. A copy of the completed questionnaire is included in Appendix A. The following information is based on our review of the completed owner questionnaire.

The representative of the property owner indicated the following:

- The subject property is currently an open field and includes a City of Santa Maria Water Well.
- The subject property was formerly used as part of a golf course until approximately 2018, and previously as part of an airport and a DoD facility.
- Santa Maria Public Airport obtained ownership of the subject property in 1964.
- The former owner of the subject property was the City of Santa Maria, County of Santa Barbara, and the DoD.
- There are no hazardous materials or petroleum products stored or used on the subject property.
- No hazardous wastes are generated at the subject property.
- Fill dirt was used to fill a former cement pond that was part of the former golf course on the southern portion of the subject property

The representative of the property owner indicated that he unaware of the presence of industrial drums, storage tanks (above or below ground), pits, ponds, lagoons, sumps, clarifiers, solvent degreasers, stained soil, vent pipes, fill pipes, or access ways, stained surfaces, private wells, non-public water systems, transformers, capacitors, or hydraulic equipment, records indicating the presence of PCBs, or records indicating the presence of pesticides or herbicides at the subject property.

The representative of the property owner indicated that he is not aware of any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property. In addition, he is not aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products at the subject property.

6.1.2 Interview with Site Manager

A site reconnaissance interview was completed on June 29, 2023 with Martin Pehl, General Manager of the Santa Maria Airport. Mr. Pehl indicated the following:

- The drinking water well was drilled in 1968 and was subsequently rehabilitated (date unknown); the well and pump housing structures were built in 1992.
- The Santa Maria Airport obtained ownership in approximately 1964.
- The former owners of the subject property were the City of Santa Maria and the County of Santa Barbara (joint ownership).

Patricia Herod with the City of Santa Maria was also onsite to provide access to the well portion of the subject property. Ms. Herod presented the following information regarding hazardous material and petroleum hydrocarbon storage and waste generation at the subject property:

- Two 100-gallon chlorine storage tanks are located in the well pump housing and are filled approximately every two months.
- Lubricating oil is used in the pump.
- No hazardous wastes are generated at the subject property.

Mr. Pehl indicated that he is not aware of any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property. In addition, he is not aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products at the subject property.

6.1.3 Interviews with Occupants

Because the subject property is unoccupied, no occupants were interviewed as part of this research effort.

6.1.4 Interviews with Local Government Officials

Rincon submitted file review requests pertaining to wells located at the subject property to the following agencies:

- City of Santa Maria
- County of Santa Barbara
- California Department of Water Resources (DWR)

The City of Santa Maria and DWR did not have records pertaining to wells at the subject property. Santa Barbara County Public Health Department provided a copy of an approved Well Construction Permit Application for the “Sunset Ridge Well” dated February 7, 2006 submitted by the Santa Maria Airport (Appendix C). The well was proposed to be constructed of PVC, with a total depth of 300 feet bgs and a boring diameter of 8-inches. The proposed location or other information for this well was not provided and it is unknown whether this well was ever installed at the subject property.

6.1.5 Interviews with Others

Rincon did not attempt to interview neighboring property owners or others as part of this Phase I ESA.

7 Site Reconnaissance

Rincon performed a reconnaissance of the subject property on June 29, 2023 accompanied by of Martin Pehl, General Manager of the Santa Maria Airport. The purpose of the reconnaissance was to observe existing subject property conditions and to obtain information indicating the presence of RECs in connection with the subject property.

7.1 Methodology and Limiting Conditions

The site reconnaissance was conducted by:

1. Observing the subject property from public thoroughfares,
2. Observing the adjacent properties from public thoroughfares,
3. Walking the subject property,
4. Observing the interior of the onsite structures,
5. Observing the exterior of the structures,
6. Backtracking to correlate exterior features with interior features, as necessary, and
7. Observing the subject property from driveways, dirt and paved roads, and sidewalks.

7.2 General Subject Property Information

7.2.1 Current Use of Subject Property and Adjacent Properties

The subject property is currently a vacant, vegetated, approximately 6.95-acre parcel with a City of Santa Maria water well and pump house that occupies approximately 0.42 acre in the eastern portion. Adjacent properties include commercial businesses, vegetated land to the south, and agricultural land to the west.

7.2.2 Past Use of Subject Property and Adjacent Properties

Based on our site reconnaissance, past uses at the subject property and adjacent properties are not readily apparent.

7.2.3 Current or Past Uses in the Surrounding Areas

The subject property is surrounded by commercial and industrial land uses as detailed in Section 2.1 of this report. Past uses of the surrounding area are not readily apparent based on the site reconnaissance.

7.2.4 Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions

Geologic, hydrogeologic, hydrologic, and topographic information are as previously stated in Section 4.1 of this report.

7.2.5 General Description of Subject Property

Structures	City of Santa Maria drinking water well housing and pump house
Roads	A dirt access road is located on the eastern portion of the subject property, from the terminus of Fairway Drive. A Street is located adjacent to the east.
Potable Water Supply	City of Santa Maria drinking water well 10S is located on the subject property.
Sewage Disposal System	No sewage disposal system is located at the subject property.
Stormwater Runoff	Surface water runoff at the subject property appears to infiltrate into the vegetated ground surface or travel to a drainage channel that surrounds the subject property.

7.3 Interior and/or Exterior Observations

Table 5 provides details regarding the interior and/or exterior observations noted during the site reconnaissance. Photographs 1 through 12 are shown below.

Table 5 Interior and/or Exterior Observations

Item	Observed	Photograph Number	Description
Hazardous Substances and Petroleum Products in Connection with Identified Uses	Yes	3	Well Pump Housing – Two 100-gallon chorine storage tanks.
Aboveground or Underground Storage Tanks	Yes	3	Well Pump Housing – Two 100-gallon chorine storage tanks.
Odors	No	Not Applicable (N/A)	None noted
Pools of Liquid	No	N/A	None observed
Drums	No	N/A	None observed
Hazardous Substances and Petroleum Products Containers Not in Connection with Identified Uses	No	N/A	None observed
Unidentified Substance Containers	No	N/A	None observed
Indications of PCBs	Yes	5, 6	Well Pump Housing – Lubricating oil stored in well pump Staining was observed on and around the pump Pad-Mounted Transformer – Eastern portion of well enclosure, eastern portion of subject property There was no indication of a release in the vicinity of the transformer.
Heating/Cooling Systems	No	N/A	None observed

Item	Observed	Photograph Number	Description
Stains or Corrosion	Yes	4, 5	Staining was observed on and around the well pump (described above) Corrosion/dark staining was observed in the concrete water containment basin used during flushing of the well
Drains, Clarifiers, and Sumps	No	N/A	None observed
Degreasers/Parts Washers	No	N/A	None observed
Pits, Ponds, and Lagoons	Yes	10	Pond observed on eastern adjacent property, near the subject property boundary
Stained Soil or Stained Pavement	Yes	4	Staining observed in concrete water containment basin (described above)
Stressed Vegetation	No	N/A	None observed
Solid Waste/Debris	Yes	9	Lengths of broken PVC pipe near the abandoned well structure on the eastern portion of the subject property Discarded bollards with attached concrete in eastern portion of subject property
Wastewater	No	N/A	None observed
Wells	Yes	2, 7	City of Santa Maria drinking water well in enclosure in eastern portion of subject property Abandoned/remnant well structure in vegetated area in southeastern portion of subject property
Septic Systems/Effluent Disposal Systems	Yes	4	Concrete water containment basin connected to stormwater system beneath an outlet connected to the City well, used for flushing the well
Soil Piles	No	N/A	None observed
Fill Material	No	N/A	None observed

Photographs 1-4



Photograph 1. Concrete pad and unidentified meter in eastern portion of subject property



Photograph 2. City of Santa Maria well in eastern portion of subject property



Photograph 3. 100-gallon chlorine tanks in well pump housing in eastern portion of subject property



Photograph 4. Discharge basin for flushing the well, connected to stormwater system in eastern portion of subject property

Photographs 5-8



Photograph 5. Well pump in housing on eastern portion of subject property



Photograph 6. Pad-mounted transformer inside fenced well enclosure in eastern portion of subject property



Photograph 7. Abandoned/remnant well structure in eastern portion of subject property



Photograph 8. Northern vegetated portion of the subject property, facing northwest

Photographs 9-12



Photograph 9. PVC pipe debris near abandoned well in eastern portion of subject property



Photograph 10. Pond on eastern adjacent property, facing southeast



Photograph 11. Western adjacent agricultural land, facing west



Photograph 12. Southern adjacent undeveloped land and airport runway farther south, facing south

8 Potential Vapor Migration

The database report and other resources were reviewed to identify nearby known or suspect contaminated sites that have the potential for contaminated vapor originating from the nearby sites to migrate beneath the subject property. Based on the ASTM E2600-15, *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*, the following minimum search distances were initially used to determine if contaminated soil vapors from a nearby known or suspect contaminated site have the potential to be migrating beneath the subject property:

- 0.1 mile (528 feet) for petroleum hydrocarbons
- 0.3 mile (1,760 feet) for other contaminants of concern (COCs)

Groundwater depth and flow direction are also utilized to determine risk of vapor migration. Groundwater in the vicinity of the subject property is reportedly present at greater than 140 feet bgs and flows to the northwest, but may be varied (Section 4.1). Areas of shallow perched groundwater has been identified at the Santa Maria Airport site, approximately 1 to 1.25 miles southeast of the subject property, at depths between 4 feet bgs and 13 feet bgs.

Online agency resources are reviewed to determine the extent of the contaminated soil or groundwater plume at known or suspect contaminated sites as specified below:

- Onsite or adjacent to the subject property,
- Within 100 feet, or
- Within the above referenced distances from the subject property and upgradient or crossgradient to the subject property.

Contaminated soil, soil vapor, and/or groundwater plumes of petroleum hydrocarbons (within 528 feet of the subject property) and other COCs (within 1,760 feet of the subject property) were not identified during the completion of this Phase I ESA.

9 Evaluation

Rincon has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-21 for the Santa Maria Airport Rezoning Project located at 1494 Fairway Drive in Santa Maria, California. Any exceptions to, or deletions from, this practice are described in Section 2.5 of this report.

9.1 Significant Data Gaps

No significant data gaps were identified during the preparation of this report.

9.2 Findings, Opinions, Conclusions, and Recommendations

This assessment has revealed environmental concerns in connection with the subject property, as detailed in Table 6.

Table 6 Findings, Opinions, Conclusions, and Recommendations

No.	Finding	Opinion	Conclusion	Recommendations
1	The subject property is located within the Santa Maria Airport PFAS Investigation site	PFOA was detected in the drinking water well located at the subject property at a concentration of 2.1 ng/L, less than the notification level of 5.1 ng/L. The subject property is located outside of a 1-mile radius of identified PFAS source areas at the Santa Maria Airport site (SCS Engineering 2021), and are not likely to be found in soil at the subject property.	Notable Finding	None
2	Abandoned/remnant well structure in the southeastern portion of the subject property	Site representatives were unaware of the presence of this well. Rincon completed additional research pertaining to wells at the subject property. Santa Barbara County Public Health Department provided a copy of an approved Well Construction Permit Application for the "Sunset Ridge Well" dated February 7, 2006 submitted by the Santa Maria Airport. The well was proposed to be constructed of PVC, with a total depth of 300 feet bgs and a boring diameter of 8-inches. No other information for this well was provided and it is unknown whether this well was ever installed at the subject property.	Notable Finding	Possible abandonment if well structures are encountered during future development
3	Historical use of the subject property as part of a military base and a golf course	The subject property appears to have been a vacant parcel used as part of the military base/airport property between the 1940s through the 1960s, and was part of a golf course in the 1990s through approximately 2015. Unidentified structures were observed on the property during the site reconnaissance, including a concrete pad, an abandoned well, and subsurface utilities. Unknown subsurface features or debris associated with historical uses may be present at the subject property.	Notable Finding	Preparation of a soil management plan prior to activities that will disturb soil at the subject property
4	The former Santa Maria oil field is located between 0.5 and 1.5 miles north and east of the subject property	Due to the distance of the former oil field from the subject property, it is not likely to impact soil, soil vapor, or groundwater at the subject property.	Notable Finding	None

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11 Signatures of Environmental Professionals

The qualified environmental professionals that are responsible for preparing the report include Ryan Thacher, Lauren Vigliotti, and Savanna Vrevich. Their qualifications are summarized in the following section.

“We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.”



Signature

08/22/2023

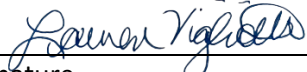
Date

Ryan Thacher, PhD, PE

Name

Director of Site Assessment and Remediation

Title



Signature

08/22/2023


Date

Lauren Vigliotti

Name

Environmental Scientist

Title



Signature

08/22/2023

Date

Savanna Vrevich

Name

Environmental Scientist

Title

12 Qualifications of Environmental Consultants

The environmental consultants responsible for conducting this Phase I ESA and preparing the report include Ryan Thacher, Lauren Vigliotti, Savanna Vrevich, and Zach Berghorst. Their qualifications are summarized below.

Environmental Professional Qualifications	X2.1.1 (2) (i) - Professional Engineer or Professional Geologist License or Registration, and 3 years of full-time relevant experience	X2.1.1 (2) (ii) - Licensed or certified by the Federal Government, State, Tribe, or U.S. Territory to perform environmental inquiries	X2.1.1 (2) (iii) – Baccalaureate or Higher Degree from and accredited institution of higher education in a discipline of engineering or science and the equivalent of 5 years of full-time relevant experience	X2.1.1 (2) (iii) – Equivalent of 10 years of full-time relevant experience
Ryan Thacher	PE		PhD Environmental Engineering	12 years
Lauren Vigliotti			MS Geological Sciences	9 years
Savanna Vrevich			BS Environmental Studies	8 years
Zach Berghorst	GIT		BS Geology	4 years

Dr. Ryan Thacher, PE, is a Director of Site Assessment and Remediation with Rincon Consultants. He holds a Bachelor of Science degree in Chemical Engineering from the University of California, Santa Barbara and a Doctorate degree in Environmental Engineering from the University of Southern California. He has 12 years of experience conducting research related to chemical contaminant fate and transport in soil and groundwater and developing and implementing site assessments and remediation for contaminated sites in California, including the preparation of Phase I and Phase II Environmental Site Assessments. Dr. Thacher is a Professional Engineer (#87757) with the State of California.

Lauren Vigliotti is an Environmental Scientist with Rincon Consultants. Ms. Vigliotti holds a B.S. degree in Earth Sciences with a minor in Chemistry from Boston University and a M.S. degree in Geological Sciences from Brown University. Ms. Vigliotti assists with Phase I and Phase II Environmental Site Assessments (ESAs) as part of the Environmental and Earth Systems Group. Ms. Vigliotti has nine years of professional environmental consulting experience, including coordination and execution of field investigations, data evaluation, and report preparation. She has implemented and overseen field activities such as collection of soil and groundwater samples, advancement of soil borings including soil classification, groundwater monitoring well installation, and test pit excavations. She is proficient in the completion of Phase I ESAs according to ASTM standards at commercial, industrial, and redevelopment properties, as well as Caltrans Initial Site Assessments (ISAs) and aerially deposited lead surveys.

Savanna Vrevich is an Environmental Scientist with Rincon Consultants. She holds a Bachelor of Science degree in Environmental Studies with an outside concentration in Ecology, Evolution, and Marine Biology from the University of California, Santa Barbara. Ms. Vrevich has experience in working on large-scale, multi-site projects for developers, banks, regulatory agencies, and other public and private clients. Ms. Vrevich's responsibilities at Rincon include implementation of Phase I

ESAs and preparation of other environmental reports for a variety of commercial, rural, and industrial properties.

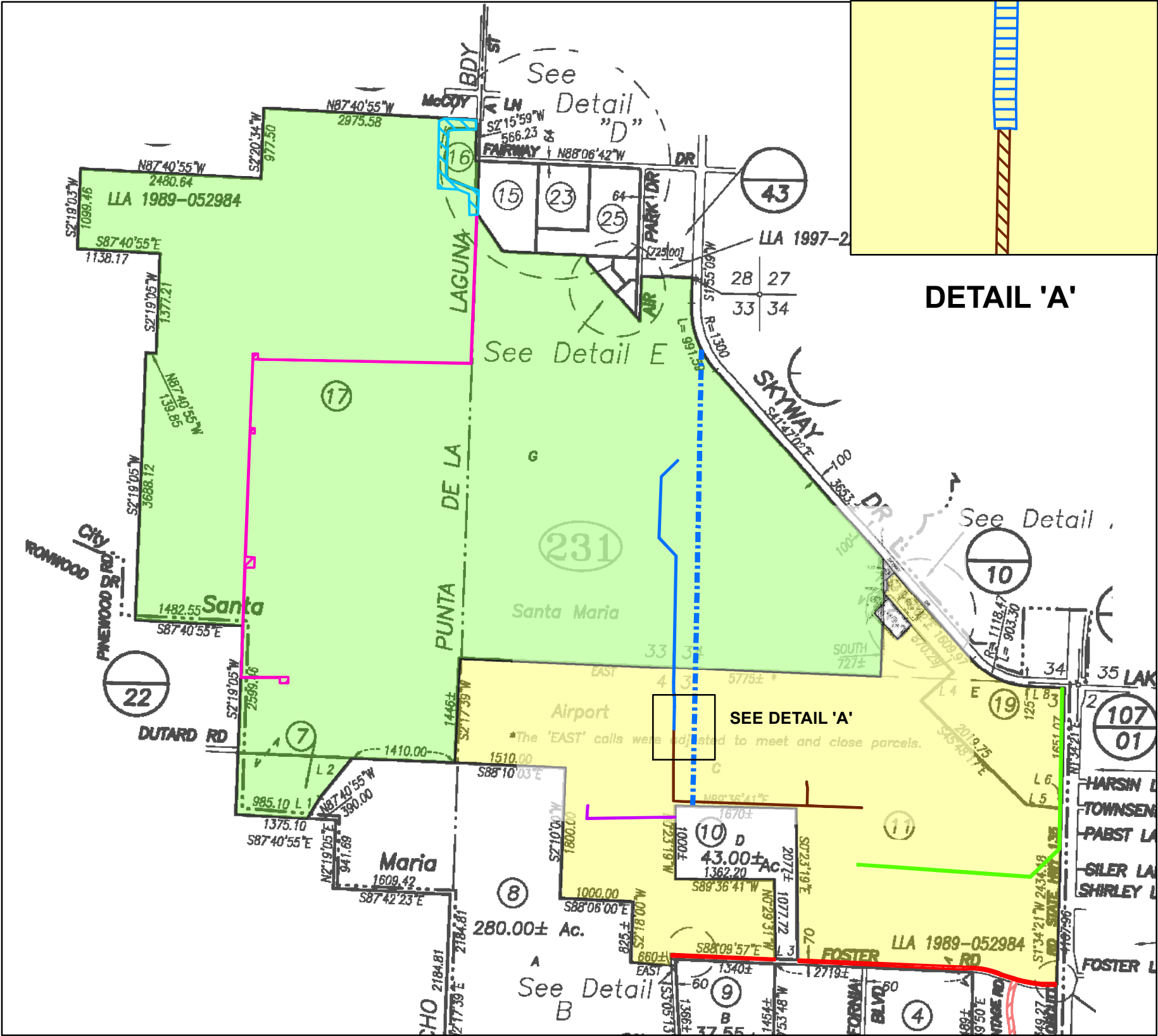
Zach Berghorst, GIT is a Geologist with a Bachelor's degree in Geology and a minor in Geospatial Technology (GIS and remote sensing) from South Dakota School of Mines and Technology. He has almost 4 years' experience in various environmental sampling including soil, groundwater, soil vapor, ambient air, and surface water as well as project oversight, report writing, and preliminary project management.

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Appendix A

Interview Documentation

Scale 1 inch = 1684.51 feet



Legend

- PARCEL 1 : Property In Question, Fee
- PARCEL 2 : Property In Question, Fee

Item No. 7 & 62 - Easement for Right of Way
In 07/01/1882 Bk Z Pg344 of Deeds, Bk625 Pg1
& 04/27/1943 Bk598 Pg226 of Official Records
The exact location of the easement
cannot be determined and is not plottable

Item No. 8 - Easement for Public Utilities
In 11/13/1940 Bk510 Pg431 of Official Records
The exact location of the easement
cannot be determined and is not plottable

Item No. 9 - Easement for Public Utilities
In 12/24/1940 Bk521 Pg11 of Official Records
The exact location of the easement
cannot be determined and is not plottable

Item No. 10 - Easement for Public Utilities
In 11/04/1941 Bk547 Pg206 of Official Records
The exact location of the easement
cannot be determined and is not plottable

Item No. 11 - Easement for Pipelines
In 07/03/1943 Inst # 5154 Bk573 Pg181 of Official Records
The exact location of the easement
cannot be determined and is not plottable

Item No. 12 - Easement for Public Utilities
In 08/29/1944 Bk630 Pg77 &
04/25/1978 Inst # 78-18419 of Official Records
Affects said portion as described in the document

Item No. 14 - Matters Contained
In 03/09/1964 Inst # 10278 Bk2039 Pg509,
04/05/1984 Inst # 84-17753 &
12/21/1984 Inst # 84-062711 of Official Records
The exact location of the easement
cannot be determined and is not plottable

Item No. 16 - Easement for Flood Control Drainage
In 09/03/1981 Inst # 81-36839 of Official Records
Affects said portion as described in the document
(Centerline of Undisclosed Width Strip)

Item No. 16 & 83 - Easement for Permanent
In 09/03/1981 Inst # 81-36839 of Official Records
Affects said portion as described in the document

Item No. 17 - Easement for Public Road, Sewer & Public Utilities
In 01/29/1982 Inst # 82-3957 of Official Records
Affects said portion as described in the document

Item No. 18 - Easement for Public Street & Public Utilities
In 09/13/1982 Inst # 82-38185 of Official Records
Affects said portion as described in the document

Item No. 21 - Easement for Sewer Lines
In 02/06/1991 Inst # 91-006613 of Official Records
Affects said portion as described in the document

Item No. 22 & 88 - Matters Contained
In 01/07/1992 Inst # 92-001067,
10/25/1968 Inst # 33346 Bk2249 Pg1374,
12/20/1979 Inst # 79-59368 &
03/09/1964 Inst # 10279 Bk2039 Pg518 of Official Records
Affects said portion as described in the document

Item No. 24 & 92 - Easement for Water Lines
In 06/19/2000 Inst # 2000-0037600 of Official Records
Affects said portion as described in the document

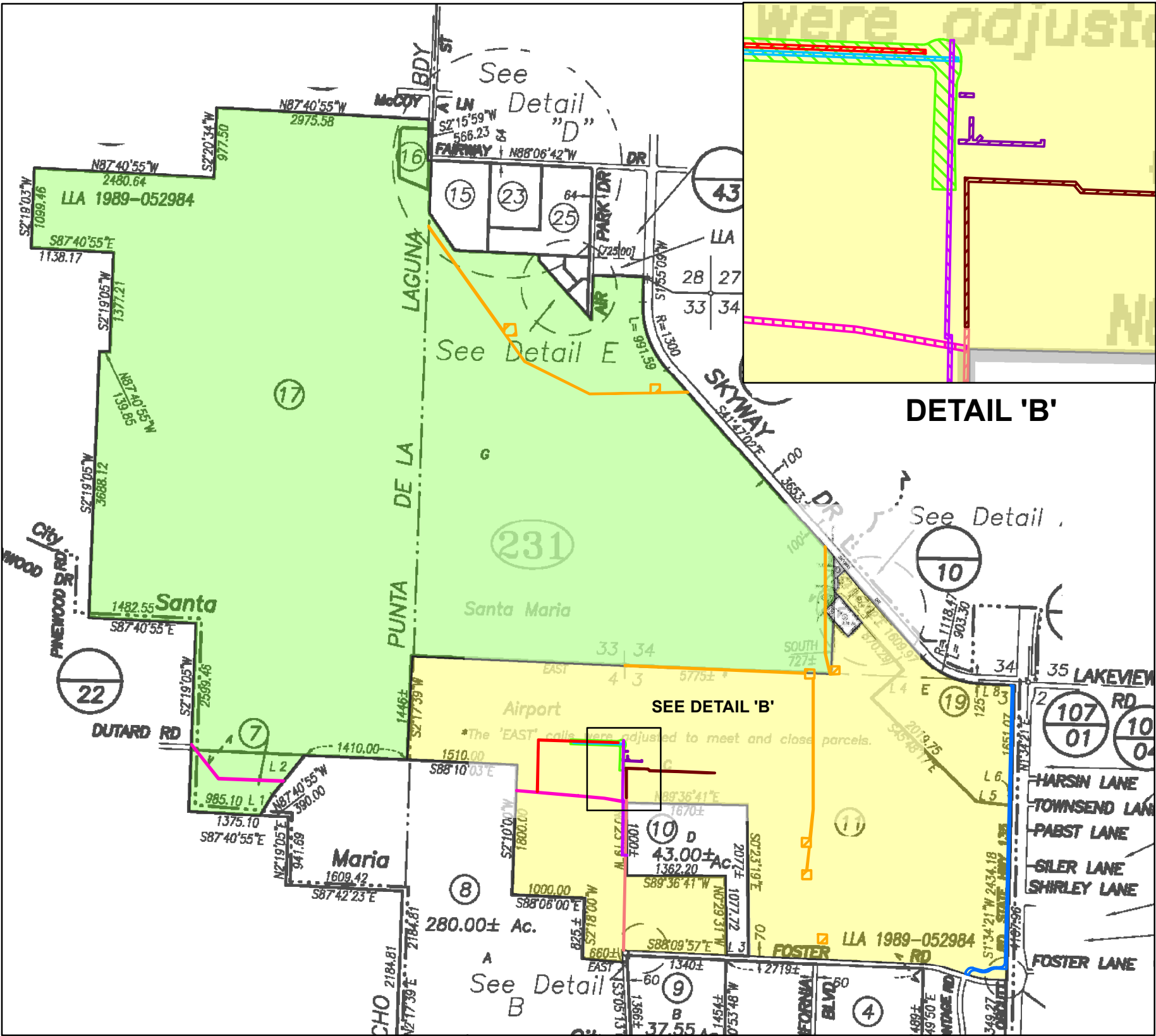
Item No. 25 - Easement for Water Line
In 06/19/2000 Inst # 2000-0037601 of Official Records
Affects said portion as described in the document

Fidelity National Title Company
2222 S. Broadway, Suite G
Santa Maria, CA 93454

This map/plot is being furnished as an aid in locating the herein described Land in relation to adjoining streets, natural boundareis and other land, and is not a survey of the land depicted. Except to the extent a policy of title insurane is expressly modified by endorsement, if any, the Company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon.

Title Order No. : FSLC-532300079-A, Preliminary Report Dated, April 20, 2023	Drawing Date : 05/02/2023 - FNFI
Reference :	Assessor's Parcel No. : 111-231-011, 017, 016, 007, 018 & 019
Property : State highway 135 & Skyway Drive, Santa Maria, CA	Data :
Plat Showing : THE PORTION IS SITUATED IN THE CITY OF SANTA MARIA, COUNTY OF SANTA BARBARA, STATE OF CALIFORNIA	Sheet 1 of 5

Scale 1 inch = 1684.51 feet

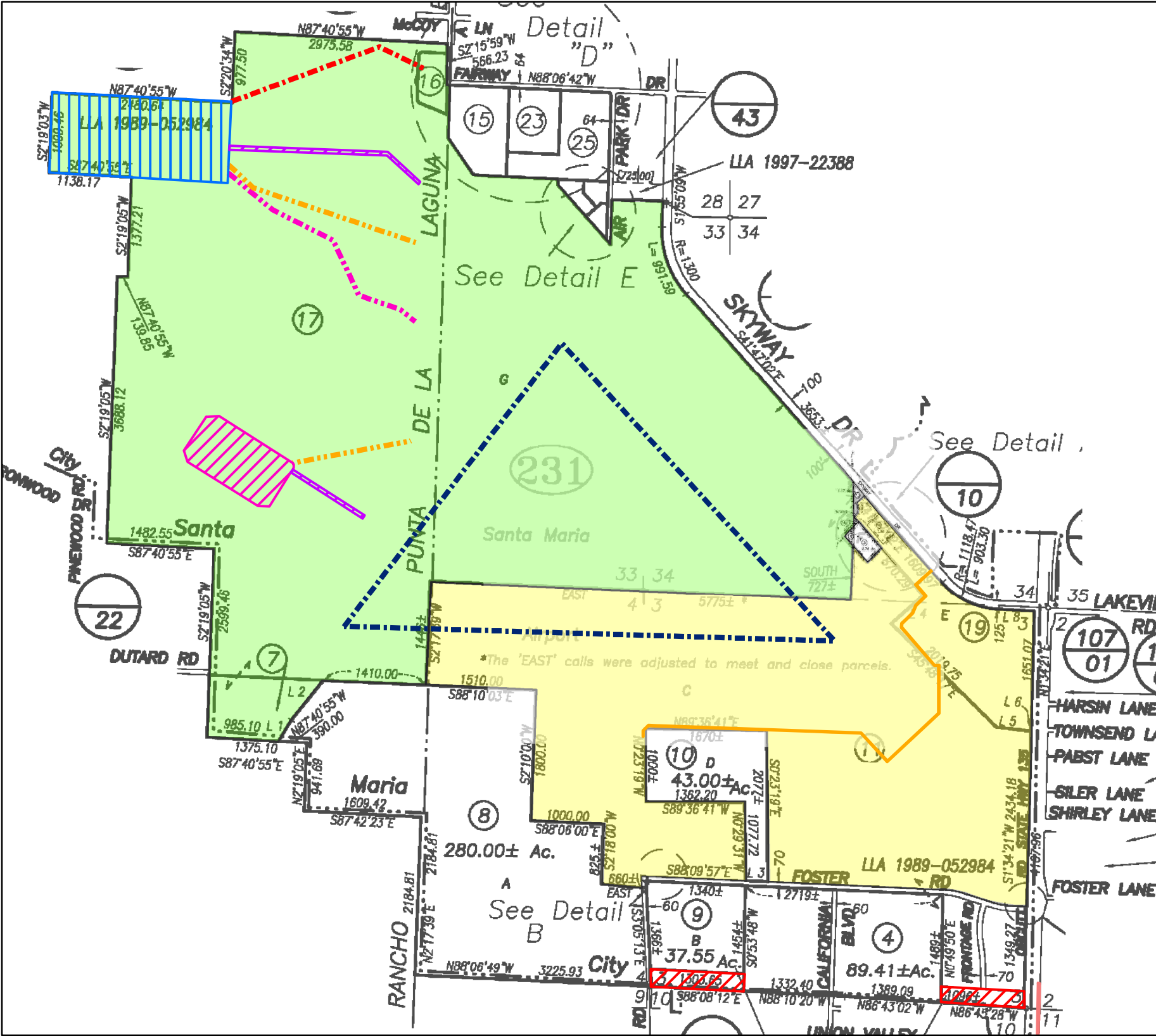


Legend

- PARCEL 1 : Property In Question, Fee
- PARCEL 2 : Property In Question, Fee
- Item No. 15 - Easement for Operating & Maintaining
In 03/09/1964 Inst # 10279 Bk2039 Pg518 of Official Records
Affects said portion as described in the document
- Item No. 26 - Matters Contained
In 07/20/2000 Inst # 2000-0044259 of Official Records
Affects said portion as described in the document
- Item No. 27 - Matters Contained
In 07/20/2000 Inst # 2000-0044260 of Official Records
Affects said portion as described in the document
- Item No. 30 - Easement for Pipe Lines
In 12/26/2002 Inst # 2002-0135089 &
2002-0135090 of Official Records
Affects said portion as described in the document
- Item No. 31 - Easement for Sewer Line
In 01/28/2003 Inst # 2003-0011095 of Official Records
Affects said portion as described in the document
- Item No. 32 - Easement for Water Lines
In 01/28/2003 Inst # 2003-0011097 of Official Records
Affects said portion as described in the document
- Item No. 35 - Easement for Sewer Lines
In 01/08/2007 Inst # 2007-0001510 of Official Records
Affects said portion as described in the document
- Item No. 36 - Easement for Water Lines
In 01/09/2007 Inst # 2007-0001714 of Official Records
Affects said portion as described in the document
- Item No. 38 - Easement for Sewer Lines
In 03/20/2008 Inst # 2008-0015939 of Official Records
Affects said portion as described in the document
- Item No. 39 - Easement for Pipelines
In 07/16/2009 Inst # 2009-0042831 of Official Records
Affects said portion as described in the document
- Item No. 46 & 97 - Matters Contained
In 12/19/2013 Inst # 2013-0079248 of Official Records
Affects said portion as described in the document

<div>©2023</div> <div>Fidelity National Title Company</div> <div>2222 S. Broadway, Suite G</div> <div>Santa Maria, CA 93454</div>	Title Order No. : FSLC-532300079-A, Preliminary Report Dated, April 20, 2023		Drawing Date : 05/02/2023 - FNFI	
	Reference :		Assessor's Parcel No. : 111-231-011, 017, 016, 007, 018 & 019	
	Property : State highway 135 & Skyway Drive, Santa Maria, CA		Data :	
<i>This map/plat is being furnished as an aid in locating the herein described Land in relation to adjoining streets, natural boundareis and other land, and is not a survey of the land depicted. Except to the extent a policy of title insurane is expressly modified by endorsement, if any, the Company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon.</i>	Plat Showing : THE PORTION IS SITUATED IN THE CITY OF SANTA MARIA, COUNTY OF SANTA BARBARA, STATE OF CALIFORNIA			Sheet 2 of 5
	Page 307 of 946			Archive #

Scale 1 inch = 1684.51 feet



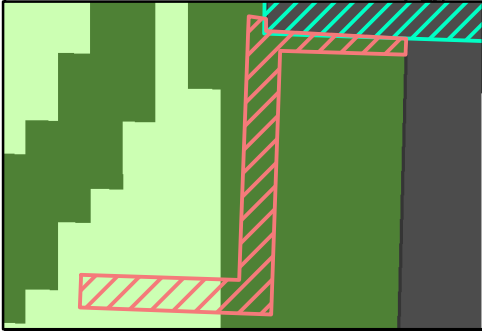
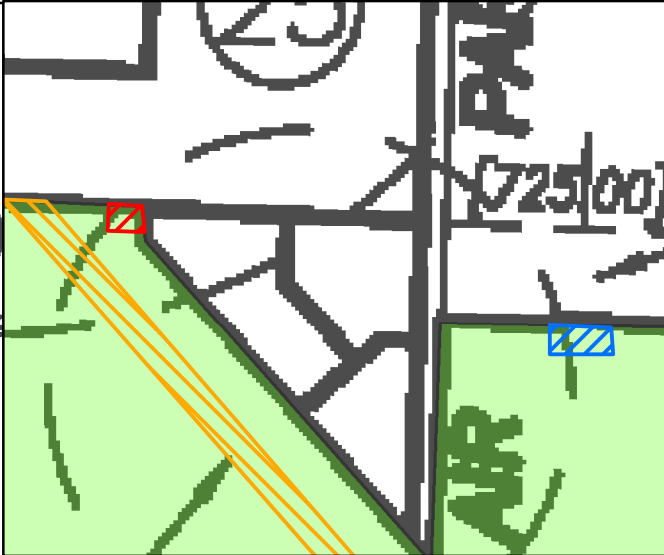
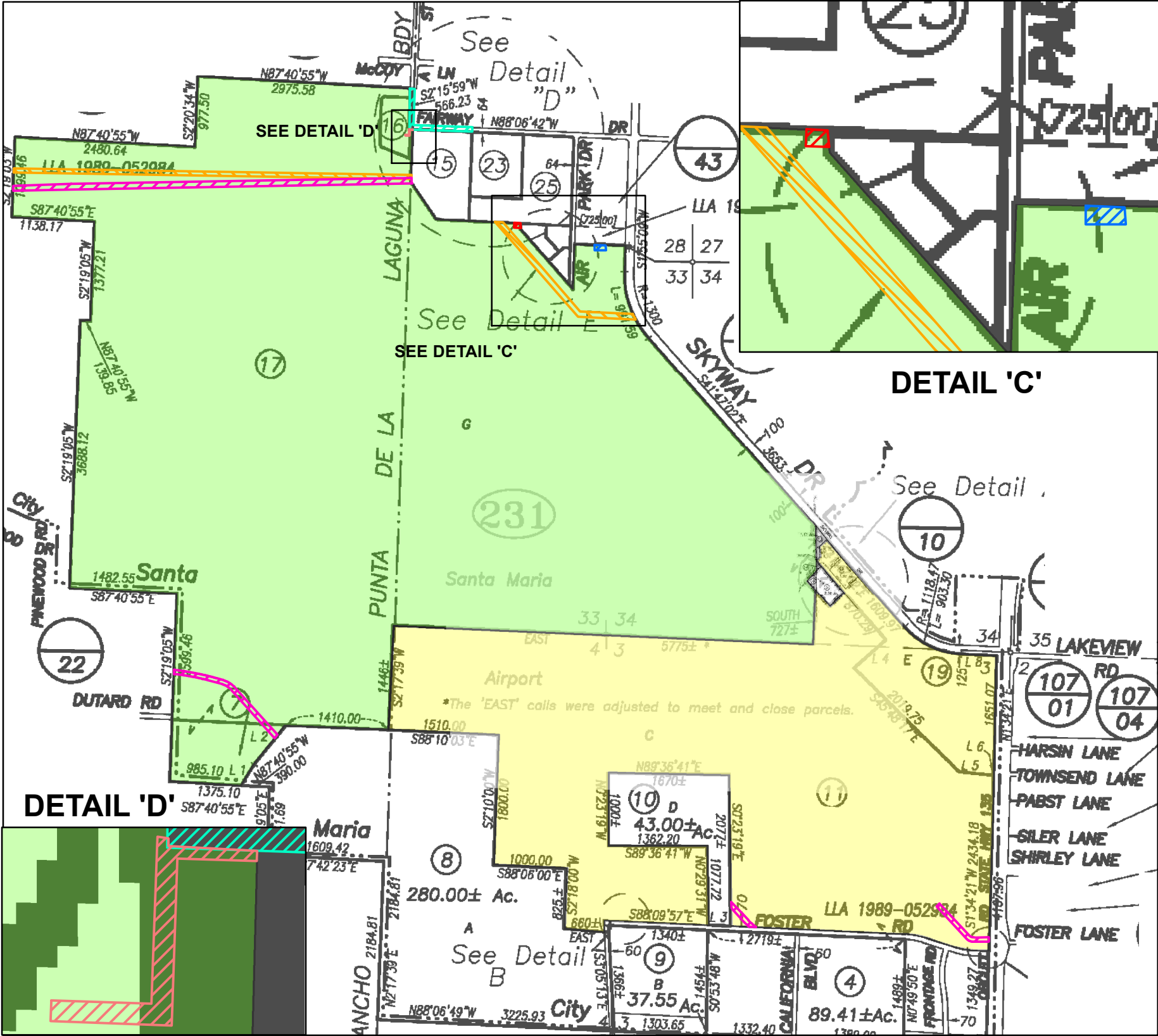
Legend

- PARCEL 1 : Property In Question, Fee
- PARCEL 2 : Property In Question, Fee
- Item No. 40 - Easement for Roadway
In 08/25/2009 Inst # 2009-0052155 of Official Records
Affects said portion as described in the document
- Item No. 44 - Matters Contained
In 12/07/2011 Inst # 2011-0071328 of Official Records
Affects said portion as described in the document
- Item No. 53 - Easement for Ingress & Egress
In 01/14/2021 Inst # 2021-0003142 of Official Records
Affects said portion as described in the document
- Item No. 63 - Easement for Pipelines & Telephone Lines
In 04/09/1905 Bk106 Pg198 of Deeds
The exact location of the easement cannot be determined and is not plottable
- Item No. 64 - Easement for Pipelines & Telephone Lines
In 04/12/1905 Bk106 Pg199 of Deeds
The exact location of the easement cannot be determined and is not plottable
- Item No. 69 - Easement for Public Utilities
In 12/04/1941 Bk547 Pg206 of Official Records
The exact location of the easement cannot be determined and is not plottable
- Item No. 70 - Easement for Pipelines
In 07/03/1943 Inst # 5154 Bk573 Pg181 of Official Records
The exact location of the easement cannot be determined and is not plottable

- Item No. 72 - Easement for Access & Road
In Bk29 Pg141 of Record of Survey Map
Affects said portion as shown on the map
- Item No. 72 - Easement for Sewage Disposal
In Bk29 Pg141 of Record of Survey Map
Affects said portion as shown on the map
- Item No. 72 - Easement for Ordinance Area
In Bk29 Pg141 of Record of Survey Map
Affects said portion as shown on the map
- Item No. 72 - Easement for Power Line
In Bk29 Pg141 of Record of Survey Map
Affects said portion as shown on the map
(Centerline of Undisclosed Width Strip)
- Item No. 72 - Easement for Water Line
In Bk29 Pg141 of Record of Survey Map
Affects said portion as shown on the map
(Centerline of Undisclosed Width Strip)
- Item No. 72 - Easement for Runway
In Bk29 Pg141 of Record of Survey Map
Affects said portion as shown on the map
(Centerline of Undisclosed Width Strip)
- Item No. 72 - Easement for Sewer Line
In Bk29 Pg141 of Record of Survey Map
Affects said portion as shown on the map
(Centerline of Undisclosed Width Strip)

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	Reference :		Assessor's Parcel No. : 111-231-011, 017, 016, 007, 018 & 019	
	Property : State highway 135 & Skyway Drive, Santa Maria, CA		Data :	
<i>This map/plat is being furnished as an aid in locating the herein described Land in relation to adjoining streets, natural boundareis and other land, and is not a survey of the land depicted. Except to the extent a policy of title insurane is expressly modified by endorsement, if any, the Company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon.</i>	Plat Showing : THE PORTION IS SITUATED IN THE CITY OF SANTA MARIA, COUNTY OF SANTA BARBARA, STATE OF CALIFORNIA			Sheet 3 of 5
	Page 308 of 946			Archive #

Scale 1 inch = 1684.51 feet



Legend

- PARCEL 1 : Property In Question, Fee
- PARCEL 2 : Property In Question, Fee
- Item No. 73 - Matters Contained
In 03/09/1964 Inst # 10278 Bk2039 Pg509,
04/05/1984 Inst # 84-17753 &
11/21/1984 Inst # 84-062711 of Official Records
The exact location of the easement
cannot be determined and is not plottable
- Item No. 75 - Easement for Flood Control
In 03/10/1964 Inst # 10592 Bk2039 Pg1023 of Official Records
Affects said portion as described in the document
- Item No. 76 - Easement for Flood Control
In 10/29/1970 Inst # 29848 Bk2325 Pg962 of Official Records
Affects said portion as described in the document
- Item No. 77 - Easement for Flood Control
In 10/24/1972 Inst # 41817 Bk2427 Pg469 of Official Records
The exact location of the easement
cannot be determined and is not plottable
- Item No. 79 - Easement for Flood Control
In 04/04/1979 Inst # 79-14630 of Official Records
Affects said portion as described in the document
- Item No. 80 - Easement for Water Line
In 04/05/1979 Inst # 79-14730 of Official Records
The exact location of the easement
cannot be determined and is not plottable

- Item No. 81 - Easement for Exporing & Drilling
In 12/20/1979 Inst # 79-59367 of Official Records
Affects said portion as described in the document
- Item No. 82 - Easement for Water Line
In 12/20/1979 Inst # 79-59369 of Official Records
Affects said portion as described in the document
- Item No. 86 - Easement for Public Use
In 01/17/1985 Inst # 1985-002753 of Official Records
Affects said portion as described in the document

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	Reference :	Assessor's Parcel No. : 111-231-011, 017, 016, 007, 018 & 019	
	Property : State highway 135 & Skyway Drive, Santa Maria, CA	Data :	
<i>This map/plat is being furnished as an aid in locating the herein described Land in relation to adjoining streets, natural boundareis and other land, and is not a survey of the land depicted. Except to the extent a policy of title insurane is expressly modified by endorsement, if any, the Company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon.</i>	Plat Showing : THE PORTION IS SITUATED IN THE CITY OF SANTA MARIA, COUNTY OF SANTA BARBARA, STATE OF CALIFORNIA		Sheet 4 of 5
			<i>Archive #</i>
		Page 309 of 946	



Legend

- PARCEL 1 : Property In Question, Fee
- PARCEL 2 : Property In Question, Fee
- Item No. 89 - Easement for Water Line
In 07/06/1992 Inst # 92-052008 of Official Records
Affects said portion as described in the document
- Item No. 90 - Easement for Flood Control Channel
In 11/28/1996 Inst # 96-070704 of Official Records
The exact location of the easement cannot be determined and is not plottable
- Item No. 91 - Matters Contained
In 04/22/1997 Inst # 97-022308 of Official Records
Affects said portion as described in the documen
- Item No. 93 - Easement for Water Line
In 01/28/2003 Inst # 2003-0011096 of Official Records
Affects said portion as described in the documen
- Item No. 95 - Matters Contained
In 12/19/2005 Inst # 2005-0121074 of Official Records
Affects said portion as described in the document

©2023 Fidelity National Title Company 2222 S. Broadway, Suite G Santa Maria, CA 93454	Title Order No. : FSLC-532300079-A, Preliminary Report Dated, April 20, 2023	Drawing Date : 05/02/2023 - FNFI	
	Reference :	Assessor's Parcel No. : 111-231-011, 017, 016, 007, 018 & 019	
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			Archive #
	Page 310 of 946		



PRELIMINARY REPORT

*In response to the application for a policy of title insurance referenced herein, **Fidelity National Title Company** hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a policy or policies of title insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an exception herein or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations or Conditions of said policy forms.*

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Attachment One. The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Attachment One. Copies of the policy forms should be read. They are available from the office which issued this report.

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

The policy(ies) of title insurance to be issued hereunder will be policy(ies) of Fidelity National Title Insurance Company, a Florida corporation.

Please read the exceptions shown or referred to herein and the exceptions and exclusions set forth in Attachment One of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects and encumbrances affecting title to the land.

Fidelity National Title Insurance Company

By:

President

Countersigned By:

Authorized Officer or Agent



Attest:

Secretary



ISSUING OFFICE: 2222 S. Broadway, Suite G, Santa Maria, CA 93454

***Another Prompt Delivery From Fidelity National Title Company Title Department
Where Local Experience And Expertise Make A Difference***

PRELIMINARY REPORT

Amendment A

Title Officer: David W. Long
Email: David.Long@fnf.com
Title No.: FSLC-532300079DWL

TO: Santa Maria Public Airport District
3217 Terminal Drive
Santa Maria, CA 93455
Attn: Verneka Reed

PROPERTY ADDRESS(ES): State highway 135 & Skyway Drive, Santa Maria, CA

EFFECTIVE DATE: April 20, 2023 at 07:30 AM

The form of policy or policies of title insurance contemplated by this report is:

1. THE ESTATE OR INTEREST IN THE LAND HEREINAFTER DESCRIBED OR REFERRED TO COVERED BY THIS REPORT IS:

A Fee

2. TITLE TO SAID ESTATE OR INTEREST AT THE DATE HEREOF IS [VESTED IN:](#)

Santa Maria Public Airport District, a public airport of the State of California

3. THE LAND REFERRED TO IN THIS REPORT IS DESCRIBED AS FOLLOWS:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

EXHIBIT "A"
Legal Description

For APN/Parcel ID(s): [111-231-011, 111-231-017, 111-231-016, 111-231-007, 111-231-018 and 111-231-019](#)

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF SANTA MARIA, COUNTY OF SANTA BARBARA, STATE OF CALIFORNIA AND IS DESCRIBED AS FOLLOWS:

PARCEL 1 : [APN 111-231-011, 111-231-018 and 111-231-019](#)

PARCELS C AND E OF THE AIRPORT LOT LINE ADJUSTMENT, TRACT 5556 IN THE CITY OF SANTA MARIA, COUNTY OF SANTA BARBARA, STATE OF CALIFORNIA ACCORDING TO THE INSTRUMENT RECORDED AUGUST 11, 1989, AS [DOCUMENT NO. 89-052984, OF OFFICIAL RECORDS](#), IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, AS MORE PARTICULARLY DESCRIBED IN SAID INSTRUMENT.

EXCEPTING THEREFROM, ALL MINERALS, INCLUDING OIL, GAS, ASPHALTUM AND HYDROCARBON SUBSTANCES AS RESERVED IN VARIOUS DEEDS OF RECORD.

ALSO EXCEPTING THEREFROM, IN ACCORDANCE WITH EXECUTIVE ORDER 9908, APPROVED ON DECEMBER 5, 1947, (12 F.R. 8223), ALL URANIUM, THORIUM, AND ALL OTHER MATERIALS DETERMINED PURSUANT TO SECTION 5 (B) (1) OF THE ATOMIC ENERGY ACT OF 1946 (60 STAT. 761) TO BE PECULIARLY ESSENTIAL TO THE PRODUCTION OF FISSIONABLE MATERIAL, CONTAINED, IN WHATEVER CONCENTRATION, IN DEPOSITS IN THE LANDS COVERED BY THIS INSTRUMENT FOR THE USE OF THE UNITED STATES, TOGETHER WITH THE RIGHT OF THE UNITED STATES THROUGH ITS AUTHORIZED AGENTS OR REPRESENTATIVES AT ANY TIME TO ENTER UPON THE LAND AND PROSPECT FOR, MINE, AND REMOVE THE SAME, MAKING JUST COMPENSATION FOR ANY DAMAGE OR INJURY OCCASIONED THEREBY, SUBJECT TO CONDITIONS AND RESTRICTIONS CONTAINED THEREIN, AS RESERVED BY THE UNITED STATES OF AMERICA, IN THE QUITCLAIM DEED DATED FEBRUARY 25, 1949, AND RECORDED JUNE 9, 1949 IN [BOOK 857, PAGES 309 THROUGH 328 OF OFFICIAL RECORDS](#), AS DOCUMENT NO. 7032; AND QUITCLAIM DEED DATED NOVEMBER 30, 1949 AND RECORDED DECEMBER 19, 1949 IN [BOOK 889, PAGES 449 THROUGH 456 OF OFFICIAL RECORDS](#), AS DOCUMENT NO. 15749; AND TO THE CITY OF SANTA MARIA, DATED SEPTEMBER 19, 1949 AND RECORDED OCTOBER 6, 1949 IN [BOOK 877, PAGES 153 THROUGH 163 OF OFFICIAL RECORDS](#), AS DOCUMENT NO. 12385.

PARCEL 2 : [APN 111-231-007, 111-231-016 and 111-231-017](#)

Parcel 2 of Sebitts Lot Line Adjustment, Tract 5724 in the City of Santa Maria, County of Santa Barbara, State of California according to the Instrument recorded February 5, 1996, as [Document No. 96-006962, of Official Records](#), in the office of the County Recorder of said County, more particularly described as follows:

Parcel G of the Airport Lot Line Adjustment, Tract 5556 in the City of Santa Maria, County of Santa Barbara, State of California according to the Instrument recorded February 5, 1996, as [Document No. 96-006962, of Official Records](#).

EXCEPTING THEREFROM, the following described parcel:

BEGINNING, at the Southeast corner of Lot 4 of Skyway West I – Tract 5280, recorded in [Book 98, Pages 85 and 86 of Maps](#), in the office of the County Recorder of said County;
Thence, North 88 degrees 06' 42" West 346.50 feet along the Southerly boundary thereof to the Southwest corner of said Lot 4 and a point on the Easterly right of way of Airpark Drive;
Thence, South 1 degree 55' 20" West 45.00 feet along the Easterly right of way of Airpark Drive;
Thence, South 88 degrees 06' 42" East 266.50 feet parallel with and 45.00 feet South of the Southerly boundary of said Lot 4;
Thence, South 1 degree 55' 20" West 180.17 feet parallel with and 80.00 feet West of the Southerly prolongation of the Easterly boundary of said Lot 4;

EXHIBIT "A"
Legal Description
(continued)

Thence, South 88 degrees 06' 42" East 139.00 feet parallel with and 30.50 feet South of the Northerly boundary of that certain parcel of land described in the "Grant of Easement for Water Well Site" recorded December 20, 1979, as [Instrument No. 79-59367](#), records of the County of Santa Barbara, State of California, to a point on the Easterly boundary of said "Well Site" parcel that bears North 1 degree 55' 20" East 85.00 feet from the most Southeast corner thereof;

Thence, South 1 degree 55' 20" East 9.50 feet along said Easterly boundary;

Thence, South 88 degrees 06' 42" East 287.50 feet parallel with and 40.00 feet South of the Northerly boundary of said "Well Site" parcel to a point on the Westerly right of way of Skyway Drive that bears South 1 degree 55' 20" West 40.00 feet along said right of way from the Northeast corner of said "Well Site" parcel;

Thence, North 1 degree 55' 20" East 40.00 feet along the Westerly right of way of Skyway Drive to the Northeast corner of said "Well Site" parcel;

Thence, North 88 degrees 06' 42" West 346.50 feet along the Northerly boundary of said "Well Site" parcel to a point on the Southerly prolongation of the Easterly boundary of said Lot 4;

Thence, North 1 degree 55' 20" East 194.67 feet along said Southerly prolongation to the Southeast corner of said Lot 4 and the POINT OF BEGINNING.

ALSO EXCEPTING THEREFROM that portion of said land as conveyed to SCANELL PROPERTIES #250, LLC by deed recorded November 9, 2018 as [Instrument No. 2018-0048003 of official Records](#), Santa Barbara County Records.

ALSO EXCEPTING THEREFROM, all minerals, including oil, gas, asphaltum and hydrocarbon substances as reserved in various Deeds of Record.

ALSO EXCEPTING THEREFROM, in accordance with Executive Order 9908, approved on December 5, 1947, (12 F.R. 8223), all uranium, thorium, and all other materials determined pursuant to Section 5 (b) (1) of the Atomic Energy Act of 1946 (60 Stat. 761) to be peculiarly essential to the production of fissionable material, contained, in whatever concentration, in deposits in the lands covered by this instrument for the use of the United States, together with the right of the United States through its authorized agents or representatives at any time to enter upon the land and prospect for, mine, and remove the same, making just compensation for any damage or injury occasioned thereby, subject to conditions and restrictions contained therein, as reserved by The United States of America, in the Quitclaim Deed dated February 25, 1949, and recorded June 9, 1949 in [Book 857, Pages 309 through 328 of Official Records](#), as Document No. 7032; And Quitclaim Deed dated November 30, 1949 and recorded December 19, 1949 in [Book 889, Pages 449 through 456 of Official Records](#), as Document No. 15749; and to the City of Santa Maria, dated September 19, 1949 and recorded October 6, 1949 in [Book 877, Pages 153 through 163 of Official Records](#), as Document No. 12385.

AT THE DATE HEREOF, EXCEPTIONS TO COVERAGE IN ADDITION TO THE PRINTED EXCEPTIONS AND EXCLUSIONS IN SAID POLICY FORM WOULD BE AS FOLLOWS:

THE FOLLOWING ITEMS AFFECTS PARCEL 1

1. Property taxes, which are a lien not yet due and payable, including any assessments collected with taxes to be levied for the fiscal year 2023-2024.
2. All or a part of the Land herein described does not appear to be assessed on the Tax Roll for the year(s) 2022-2023. Said Land is subject to the possible assessment and collection of property taxes for current and prior years.

Prior to close of escrow, please contact the Tax Collector's Office to confirm all amounts owing, including current fiscal year taxes, supplemental taxes, escaped assessments and any delinquencies.
3. The lien of supplemental or escaped assessments of property taxes, if any, made pursuant to the provisions of Chapter 3.5 (commencing with Section 75) or Part 2, Chapter 3, Articles 3 and 4, respectively, of the Revenue and Taxation Code of the State of California as a result of the transfer of title to the vestee named in Schedule A or as a result of changes in ownership or new construction occurring prior to Date of Policy.
4. Recitals as contained in various Patents from the United States of America as follows:

"Subject to any vested and accrued water rights for mining, agricultural, manufacturing, or other purposes, and rights to ditches and reservoirs used in connection with such water rights as may be recognized and acknowledged by the local customs, laws and decisions of Courts,

and also subject to the right of the proprietor of a vein or lode to extract and remove his ore therefrom, should the same be found to penetrate or intersect the premises hereby granted as provided by law."
5. Rights of the public to any portion of the Land lying within the area commonly known as

Orcutt Road aka State Highway 135;
Frontage Road aka Foxenwood Lane;
Foster Road;
6. The right of ingress and egress at all times for the purpose of drilling and exploring said land for minerals, oil, gas, casinghead gasoline and other hydrocarbon substances, and removing the same therefrom. Such right of ingress to be exercised, however, only in conjunction with the other owners of the oil, gas and minerals in and under said lands and premises, and the owners of said rights shall have no right to enter said premises except in conjunction with said other owners. All as contained in various Mineral Deeds of record.

EXCEPTIONS
(continued)

7. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Pacific Coast Railroad Company, its successors and assigns
Purpose: A 30 foot wide strip of land, as more particularly described therein
Recording Date: July 1, 1882
Recording No.: [Book Z, Page 344](#) of Deeds
Affects: A portion of said land, as more particularly described therein

The right of said Pacific Coast Railroad Company, in and to those portions included within the line of said railroad company's right of way, both as deeded and as located on ground have since passed to and are now vested in the County of Santa Barbara, a politic subdivision, subject to the reservation of certain rights of way in favor of Alphonzo E. Bell, et al., or their successors and assigns, as set forth in the Deed recorded in [Book 625, Page 1 of Official Records](#).

NOTE: Recorded on May 8, 1941 in [Book 525, Page 16 of Official Records](#), appears the record of a Right of Way Deed wherein Pacific Coast Railway Company conveyed to the Union Oil Company of California, the right of way from time to time to lay, construct, maintain, operate, repair, alter and remove pipe lines for the transportation of oil, gas, water and other liquids; also power and telephone lines with poles and appurtenances and the right to use existing private roads for ingress and egress to and from the same over, across, through, under and along the property described in the above deed.

By Quitclaim Deed dated April 27, 1943 and recorded in Book 598, Pge [226 of Official Records](#), the Union Oil Company of California , a corporation, quitclaimed to the United States of America, all its rights to construct aerial communication lines and other aerial facilities on and across a portion of the Santa Maria Air Base situated in the Southwest quarter of Section 34, T10N,R34W, and in the West half of Section 3, T9N,R34W, from a point 15 feet South and 33 feet West of the center of said Section 34, Southerly to a point 5 feet North and North 86 degrees 45' 28" West 145 feet from the South quarter corner of said Section 3.

The exact location and extent of said easement is not disclosed of record.

8. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Pacific Gas and Electric Company, its successors and assigns
Purpose: Overhead public utilities, as more particularly described therein
Dated: November 13, 1940
Recording No.: [Book 510, Page 431 of Official Records](#)
Affects: Portion of Parcel C lying outside the boundaries of the property being developed

9. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Pacific Gas and Electric Company, its successors and assigns
Purpose: Overhead public utilities, as more particularly described therein
Dated: December 24, 1940
Recording No.: [Book 521, Page 11 of Official Records](#)
Affects: Portion of Parcel C lying outside the boundaries of the property being developed

EXCEPTIONS
(continued)

10. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Pacific Gas and Electric Company, its successors and assigns
Purpose: Overhead public utilities, as more particularly described therein
Dated: November 4, 1941
Recording No.: [Book 547, Page 206 of Official Records](#)
Affects: Portion of Parcel C lying outside the boundaries of the property being developed

11. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Southern California Gas Company, its successors and assigns
Purpose: Pipelines, as more particularly described therein
Dated: July 3, 1943
Recording No.: 5154, [Book 573, Page 181 of Official Records](#)
Affects: Portion of Parcel C lying outside the boundaries of the property being developed

12. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Union Oil Company of California, its successors and assigns
Purpose: Overhead public utilities, as more particularly described therein
Dated: August 29, 1944
Recording No.: [Book 630, Page 77 of Official Records](#)
Affects: A strip of land 20 feet in width, within a portion of Section 3, T9N,R34,
as more particularly described therein

Said Easement was Quitclaimed by Union Oil Company to General Telephone Company by Quitclaim Deed recorded April 25, 1978 as [Instrument No. 78-18419](#)

13. Matters contained in that certain documents

Entitled: Deeds
Grantor: United States of America
Grantee: County of Santa Barbara
Recording Date: June 9, 1949
Recording No.: 7032, [Book 857, Pages 309](#) through [328 of Official Records](#)
and
Recording Date: December 19, 1949
Recording No.: 15749, [Book 889, Pages 449](#) through 456 of Official Records

Reference is hereby made to said document for full particulars.

EXCEPTIONS
(continued)

By Instruments listed below, the conditions and provisions of the above documents are amended and modified:

[Book 1310, Page 520 of Official Records;](#)
[Book 2198, Page 244 of Official Records;](#)
[Book 2221, Page 1412 of Official Records;](#)
[Instrument No. 79-37818 of Official Records;](#)
[Instrument No. 80-34812 of Official Records;](#)
[Instrument No. 82-20745 of Official Records;](#)
[Instrument No. 82-31317 of Official Records;](#)
[Instrument No. 82-36797 of Official Records;](#)
[Instrument No. 84-10249 of Official Records;](#)
[Instrument No. 84-11722 of Official Records;](#)
[Instrument No. 84-62710 of Official Records;](#)
[Instrument No. 93-50293 of Official Records;](#)
[Instrument No. 96-14505 of Official Records;](#)

14. Matters contained in that certain documents

Entitled: Quitclaim Deed
Dated: March 9, 1964
Grantor: The County of Santa Barbara,
a political subdivision of the State of California
Grantee: The Santa Maria Public Airport District,
a state agency of the State of California
Recording Date: March 9, 1964
Recording No.: 10278, [Book 2039, Page 509 of Official Records](#)

Which among other things recites:

Reservations as to this Deed:

If Grantee is dissolved title to any of the above described land and improvements thereto vesting in Grantee at that time shall revert to Grantors as tenants in common.

Reference is hereby made to said document for full particulars.

EXCEPTIONS
(continued)

Matters contained in that certain documents

Entitled: Agreement
Bay and between: The Santa Maria Public Airport District;
The County of Santa Barbara; and
The City of Santa Maria
Recording Date: April 5, 1984
[Recording No.: 84-17753, of Official Records](#)
Affects: The effect of the reservations contained in the Deed shown herein above;
as to the effect on the Lease to
Santa Maria Hotel Associates, LTD., a limited partnership

Reference is hereby made to said document for full particulars.

Matters contained in that certain documents

Entitled: Amendment of Agreement
Bay and between: The Santa Maria Public Airport District;
The County of Santa Barbara; and
The City of Santa Maria
Recording Date: November 21, 1984
[Recording No.: 84-062711, of Official Records](#)
Affects: Agreement [recorded 84-17753](#)

Reference is hereby made to said document for full particulars.

15. Easement(s) for the purpose(s) shown below and rights incidental thereto as set forth in a document:

In favor of: The City of Santa Maria,
a municipal corporation of the State of California
Purpose: Exploring and drilling for water and for constructing,
operating, maintaining, repairing, and replacing water wells
with appropriate appurtenances
Recording Date: March 9, 1964
Recording No.: 10279, [Book 2039, Page 518 of Official Records](#)
Affects:

"Parcel 1:" A portion of the Southwest quarter of the Northwest quarter of Section 34, T10N,R34W, as more particularly described therein.

"Parcel 2:" A portion of the Southwest quarter of the Southeast quarter of Section 34, T10N,R34W, as more particularly described therein.

"Parcel 3:" A portion of the North half of Section 3, T9N,R34W, , as more particularly described therein.

Said Instrument among other things recites:

"At such time that any of said parcels are not used for the purpose of producing water for a period of one year, the easement here granted ends as to such parcels"

EXCEPTIONS
(continued)

Affects: Portion of Parcel C lying outside the boundaries of the property being developed

16. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: The Santa Barbara County Flood Control and
Water Conservation District, its successors and assigns
Purpose: Flood control drainage and water conservation purposes,
as more particularly described therein
Recording Date: September 3, 1981
[Recording No.: 81-36839, of Official Records](#)
Affects: Portion of Parcel C lying outside the boundaries of the property being developed

17. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: City of Santa Maria
Purpose: Public road, sewer and public utilities
Recording Date: January 29, 1982
[Recording No.: 82-3957](#)
Affects: Foster Road

18. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: City of Santa Maria
Purpose: Public Street and general public utilities
Recording Date: September 13, 1982
[Recording No.: 82-38185](#)
Affects: Foxenwood Lane

19. Matters contained in that certain document

Entitled: Agreement
Dated: November 22, 1982
Executed by: Santa Maria Public Airport District; and City of Santa Maria
Recording Date: April 22, 1983
[Recording No.: 83-19399, of Official Records](#)

Reference is hereby made to said document for full particulars.

20. Matters contained in that certain document

Entitled: Airport Lot Line Adjustment, Tract 5556
Dated: March 14, 1989
Executed by: The City of Santa Maria
Recording Date: August 11, 1989
[Recording No.: 89-052984, of Official Records](#)

Reference is hereby made to said document for full particulars.

EXCEPTIONS
(continued)

21. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: The City of Santa Maria, a municipal corporation of the State of California
Purpose: A non-exclusive easement for sewer line,
as more particularly described therein
Recording Date: February 6, 1991
Recording No.: [91-006613, of Official Records](#)
Affects: Portion of Parcel C lying outside the boundaries of the property being developed

22. Matters contained in that certain document

Entitled: Easement Exchange Agreement with Deeds
Dated: November 26, 1991
Executed by: The Santa Maria Public Airport District,
a public district of the State of California, and
The City of Santa Maria, a California municipal corporation
Recording Date: January 7, 1992
Recording No.: [92-001067, of Official Records](#)

Said Instrument included copies of Instruments recorded:

Recording Date: October 25, 1968
Recording No.: 33346, [Book 2249, Page 1374 of Official Records](#);

Recording Date: December 20, 1979
Recording No.: [79-59368, of Official Records](#); and

Recording Date: March 9, 1964
Recording No.: 10279, [Book 2039, Page 518 of Official Records](#)

Reference is hereby made to said document for full particulars.

Affects: Portion of Parcel C lying outside the boundaries of the property being developed

23. Matters and/or recitals as shown on that certain map/plat;

Entitled: Record of Survey
Recording Date: February 3, 1993
Recording No.: [Book 145, Pages 1 and 2 of Record of Surveys](#)
Affects: Portions of said land, around Foster Road and California Boulevard

Reference is hereby made to said document for full particulars.

EXCEPTIONS
(continued)

24. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: The City of Santa Maria, a municipal corporation of the State of California
Purpose: A non-exclusive easement for water line or lines and appurtenances,
as more particularly described therein
Recording Date: June 19, 2000
[Recording No.: 2000-0037600, of Official Records](#)
Affects: Portion of Parcel C lying outside the boundaries of the property being developed

25. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: The City of Santa Maria, a municipal corporation of the State of California
Purpose: A non-exclusive easement for water line or lines and appurtenances,
as more particularly described therein
Recording Date: June 19, 2000
[Recording No.: 2000-0037601, of Official Records](#)
Affects: Portion of Parcel C lying outside the boundaries of the property being developed

26. Matters contained in that certain document

Entitled: Multi-Purpose Trail Easement and Agreement Affecting Real Property
(Orcutt Expressway/Portion Foster Road)
Dated: May 25, 2000
Executed by: The Santa Maria Public Airport District; and
The City of Santa Maria
Recording Date: July 20, 2000
[Recording No.: 2000-0044259, of Official Records](#)
Affects: Portion of Parcel C lying outside the boundaries of the property being developed

Reference is hereby made to said document for full particulars.

27. Matters contained in that certain document

Entitled: Multi-Purpose Trail Easement and Agreement Affecting Real Property
(Orcutt Expressway/Portion Foster Road)
Dated: May 25, 2000
Executed by: The Santa Maria Public Airport District; and
The City of Santa Maria
Recording Date: July 20, 2000
[Recording No.: 2000-0044260, of Official Records](#)
Affects: Portion of Parcel C lying outside the boundaries of the property being developed
Reference is hereby made to said document for full particulars.

EXCEPTIONS
(continued)

28. Matters contained in that certain document

Entitled: License for Diversion and Use of Water
Dated: November 8, 1995
Executed by: State of California State Water Resources Control Board; and
Santa Barbara County Flood Control and Water Conservation District
Recording Date: August 17, 2001
Recording No.: 2001-0070640, of Official Records

Reference is hereby made to said document for full particulars.

29. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein as disclosed by the document

Entitled: Landlord Estoppel Certificate and
Consent to Encumbrance of Lease
Lessor: Santa Maria Public Airport District,
a public airport district of the State of California
Lessee: Arctic Air Service, Inc., a California corporation
Recording Date: December 24, 2001
Recording No.: 2001-0111947, of Official Records
Affects: Portion of Parcel C lying outside the boundaries of the property being developed
Said instrument also discloses the following:

First Unrecorded Amendment, dated October 1, 1999;
Second Unrecorded Amendment, dated November 1, 2000;
Third Unrecorded Amendment, dated April 12, 2001; and
Fourth Unrecorded Amendment, dated July 23, 2001

The present ownership of the leasehold created by said lease and other matters affecting the interest of the lessee are not shown herein.

30. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Southern California Gas Company, its successors and assigns
Purpose: One or more pipelines, as more particularly described therein
Recording Date: December 26, 2002
Recording No.: 2002-0135089 & 2002-0135090, of Official Records
Affects: Portion of Parcel C lying outside the boundaries of the property being developed

31. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: The City of Santa Maria,
a municipal corporation of the State of California
Purpose: A non-exclusive easement for a sewer line,
as more particularly described therein
Recording Date: January 28, 2003
Recording No.: 2003-0011095, of Official Records
Affects: Portion of Parcel C lying outside the boundaries of the property being developed

EXCEPTIONS
(continued)

32. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: The City of Santa Maria,
a municipal corporation of the State of California
Purpose: A non-exclusive easement for a water line,
as more particularly described therein
Recording Date: January 28, 2003
Recording No.: [2003-0011097, of Official Records](#)
Affects: Portion of Parcel C lying outside the boundaries of the property being developed

33. Matters contained in that certain document

Entitled: Public Notice
Dated: August 12, 2003
Executed by: Solid Waste & Utilities, Santa Barbara County
Recording Date: February 9, 2004
Recording No.: [2004-0012304, of Official Records](#)

Which among other things recites:

"Santa Barbara County declares that it once operated two landfills known as Santa Maria Airport Landfills, which were closed sometime in the 1970's on the land described in [Instrument No. 1986-038945, of Official Records](#)."

"For more information about possible health risks and/or land use restrictions regarding this closed landfill contact the Solid Waste & Utilities Division of The Department of Public Works of Santa Barbara County."

Reference is hereby made to said document for full particulars.

34. Matters and/or recitals as shown on that certain map/plat:

Entitled: Record of Survey
Santa Maria Public Airport
Recording Date: March 11, 2005
Recording No.: Book 173, Pge 16 of Record of Surveys

Reference is hereby made to said document for full particulars.

35. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: The City of Santa Maria
Purpose: A non-exclusive easement for sewer line or lines,
as more particularly described therein
Recording Date: January 8, 2007
Recording No.: [2007-0001510, of Official Records](#)
Affects: Portion of Parcel C lying outside the boundaries of the property being developed

EXCEPTIONS
(continued)

36. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: The City of Santa Maria
Purpose: A non-exclusive easement for water line or lines
and appurtenances, as more particularly described therein
Recording Date: January 9, 2007
[Recording No.: 2007-0001714, of Official Records](#)
Affects: Portion of Parcel C lying outside the boundaries of the property being developed

37. Matters contained in that certain document

Entitled: Judgment After Trial
Regarding: Santa Maria Valley Groundwater Litigation
Case No.: 1-97-CV-770214 (Lead Case)
Plaintif: Santa Maria Valley Water Conservation District
Defendants: City of Santa Maria, et al
Dated: December 21, 2007
Executed by: San Luis Obispo County Superior Court
Recording Date: March 25, 2008
[Recording No.: 2008-0016608, of Official Records](#) (414 pages)

Reference is hereby made to said document for full particulars.

38. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Laguna County Sanitation District, its successors and assigns
Purpose: A non-exclusive and permanent easement for sewer lines,
as more particularly described therein
Recording Date: March 20, 2008
[Recording No.: 2008-0015939, of Official Records](#)
Affects: Portion of Parcel C lying outside the boundaries of the property being developed

39. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Southern California Gas Company,
its successors and assigns
Purpose: A non-exclusive easement for one or more pipelines,
as more particularly described therein
Recording Date: July 16, 2009
[Recording No.: 2009-0042831, of Official Records](#)
Affects: Portion of Parcel C lying outside the boundaries of the property being developed

EXCEPTIONS
(continued)

40. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: The City of Santa Maria,
a municipal corporation of the State of California
Purpose: Roadway extension, roadway repair, erosion protection, landscaping,
multi-purpose trail, and related public improvements and
appurtenances incidental thereto, as more particularly described therein
Recording Date: August 25, 2009
[Recording No.: 2009-0052155, of Official Records](#)
Affects: "Union Valley Parkway", as more particularly described therein

41. Matters contained in that certain document

Entitled: Agreement Respecting Airport Business Park Specific Plan,
E-2005-039, GPZ-2005-007, SPZ-2007-001
Dated: August 4, 2009
Executed by: Santa Maria Public Airport District; and
the City of Santa Maria
Recording Date: August 25, 2009
[Recording No.: 2009-0052156, of Official Records](#)

Reference is hereby made to said document for full particulars.

42. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein as disclosed by the document

Entitled: Memorandum of Lease
Lessor: Santa Maria Public Airport District
Lessee: H&H, LLC, a California Limited Liability Company, and
Edgewater Motel, Inc., a California Corporation
Recording Date: August 8, 2011
[Recording No.: 2011-0044694, of Official Records](#)
Affects: Portion of Parcel C lying outside the boundaries of the property being developed

and Re-Recording Date: May 7, 2012
and Re-[Recording No.: 2012-0029085, of Official Records](#)
Reason: To add Exhibit "A", (the real property description)

An agreement to amend or modify certain provisions of said lease, as set forth in the document executed by:

As Lessor: Santa Maria Public Airport District
As Lessee: H & H, LLC
Recording Date: December 2, 2022
[Recording No.: 2022-0049912 of Official Records](#)

EXCEPTIONS
(continued)

An agreement to amend or modify certain provisions of said lease, as set forth in the document executed by:

As Lessor: Santa Maria Public Airport District
As Lessee: H & H, LLC
Recording Date: December 14, 2022
[Recording No.: 2022-0051298 of Official Records](#)

43. Matters and/or recitals as shown on that certain map/plat:

Entitled: Record of Survey
State Route 135 Centerline
Recording Date: August 23, 2011
[Recording No.: Book 177, Page 85 of Record of Surveys](#)
Affects: Along said State Route 135

Reference is hereby made to said document for full particulars.

44. Matters contained in that certain document

Entitled: Highway Easement Deed
Grantor: County of Santa Barbara,
a political subdivision of the State of California
Grantee: The State of California
Recording Date: December 7, 2011
[Recording No.: 2011-0071328, of Official Records](#)
Affects: Portions of State Route 135, as more particularly described therein

Reference is hereby made to said document for full particulars.

45. Waiver of any claims for damages to said Land by reason of the location, construction, landscaping or maintenance of the street or highway adjoining said Land, as contained in the deed to

County/City/State: State of California
Name of Street or Highway: State Highway Route 135
Recording Date: December 7, 2011
[Recording No.: 2011-0071328, of Official Records](#)

EXCEPTIONS
(continued)

46. Matters contained in that certain document

Entitled: Easement Deed
Purpose: A non-exclusive and permanent easement for recycled water lines, together with necessary rights of ingress and egress, all as more particularly described therein
Dated: July 28, 2011
Grantor: Santa Maria Public Airport District, a public airport of the State of California
Grantee: Laguna County Sanitation District, a county sanitation district of the State of California, its successors or assigns
Recording Date: December 19, 2013
[Recording No.: 2013-0079248, of Official Records](#)
Affects: Portion of Parcel C lying outside the boundaries of the property being developed

Reference is hereby made to said document for full particulars.

47. Matters contained in that certain document

Entitled: Notice of Entry of Judgment and Certificate of Electronic Service
Regarding: Santa Maria Valley Groundwater Litigation
Case No.: 1-97-CV-770214 (Lead Case)
Plaintiff: Santa Maria Valley Water Conservation District
Defendants: City of Santa Maria, et al
Dated: April 18, 2014
Executed by: San Luis Obispo County Superior Court Case Nos. 990738 and 990739
Recording Date: June 19, 2014
[Recording No.: 2014-0027774, of Official Records](#) (554 pages)

Reference is hereby made to said document for full particulars.

48. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein as disclosed by the document

Entitled: Recongnition and Estoppel Agreement
Lessor: Santa Maria Public Airport District, a public airport district of the State of California
Lessee: Central Coast Jet Center, LLC, a Nevada limited liability company
Recording Date: November 5, 2018
[Recording No.: 2018-0047301, of Official Records](#)

Affects: Portion of Parcel C lying outside the boundaries of the property being developed

The present ownership of the leasehold created by said lease and other matters affecting the interest of the lessee are not shown herein.

EXCEPTIONS
(continued)

49. Matters contained in that certain document

Entitled: Recognition and Estoppel Agreement
Dated: October 11, 2018
Executed by: Santa Maria Public Airport District, a public airport district of the State of California and Central Coast Let Center, LLC, a Nevada limited liability company
Recorded: November 5, 2018 as [Instrument No. 2018-0047300, Official Records](#)
Reference is hereby made to said document for full particulars.

50. Matters contained in that certain document

Entitled: Recognition and Estoppel Agreement
Dated: October 11, 2018
Executed by: Santa Maria Public Airport District, a public airport district of the State of California and Central Coast Let Center, LLC, a Nevada limited liability company
Recorded: November 5, 2018 as [Instrument No. 2018-0047301, Official Records](#)
Reference is hereby made to said document for full particulars.

51. Matters contained in that certain document

Entitled: Recognition and Estoppel Agreement
Dated: October 11, 2018
Executed by: Santa Maria Public Airport District, a public airport district of the State of California and Central Coast Let Center, LLC, a Nevada limited liability company
Recorded: November 5, 2018 as [Instrument No. 2018-0047302, Official Records](#)
Reference is hereby made to said document for full particulars.

52. Matters contained in that certain document

Entitled: Recognition and Estoppel Agreement
Dated: October 11, 2018,
Executed by: Santa Maria Public Airport District, a public airport district of the State of California and Central Coast Let Center, LLC, a Nevada limited liability company
Recorded: November 5, 2018 as [Instrument no. 2018-0047303, Official Records](#)
Reference is hereby made to said document for full particulars.

53. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Laguna County Sanitation District, a county sanitation district of the State of California, its successors or assigns
Purpose: recycled water lines together with appropriate appurtenances incidental thereto, and together with necessary rights of ingress and egress to the easements
Recording Date: January 14, 2021
[Recording No.: 2021-0003142, Official Records](#)
Affects: as set forth in said document

EXCEPTIONS
(continued)

54. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein as disclosed by the document

Entitled: Finance Statement
Lessor: Santa Maria Public Airport District, a public airport district of the State of California
Lessee: United Lions Corporation
Recording Date: December 14, 2022
[Recording No.: 2022-0051435 of Official Records](#)

The present ownership of the leasehold created by said lease and other matters affecting the interest of the lessee are not shown herein.

55. The search did not disclose any open mortgages or deeds of trust of record, therefore the Company reserves the right to require further evidence to confirm that the property is unencumbered, and further reserves the right to make additional requirements or add additional items or exceptions upon receipt of the requested evidence.

THE FOLLOWING ITEMS AFFECTS PARCEL 2

56. Property taxes, which are a lien not yet due and payable, including any assessments collected with taxes to be levied for the fiscal year 2023-2024.
57. All or a part of the Land herein described does not appear to be assessed on the Tax Roll for the year(s) 2022-2023. Said Land is subject to the possible assessment and collection of property taxes for current and prior years.

Prior to close of escrow, please contact the Tax Collector's Office to confirm all amounts owing, including current fiscal year taxes, supplemental taxes, escaped assessments and any delinquencies.

58. The lien of supplemental or escaped assessments of property taxes, if any, made pursuant to the provisions of Chapter 3.5 (commencing with Section 75) or Part 2, Chapter 3, Articles 3 and 4, respectively, of the Revenue and Taxation Code of the State of California as a result of the transfer of title to the vestee named in Schedule A or as a result of changes in ownership or new construction occurring prior to Date of Policy.

59. Recitals as contained in various Patents from the United States of America as follows:

"Subject to any vested and accrued water rights for mining, agricultural, manufacturing, or other purposes, and rights to ditches and reservoirs used in connection with such water rights as may be recognized and acknowledged by the local customs, laws and decisions of Courts,

and also subject to the right of the proprietor of a vein or lode to extract and remove his ore therefrom, should the same be found to penetrate or intersect the premises hereby granted as provided by law."

EXCEPTIONS
(continued)

60. Rights of the public to any portion of the Land lying within the area commonly known as

Fairway Drive;
"A" Street;
Airpark Drive;
Skyway Drive
61. The right of ingress and egress at all times for the purpose of drilling and exploring said land for minerals, oil, gas, casinghead gasoline and other hydrocarbon substances, and removing the same therefrom. Such right of ingress to be exercised, however, only in conjunction with the other owners of the oil, gas and minerals in and under said lands and premises, and the owners of said rights shall have no right to enter said premises except in conjunction with said other owners. All as contained in various Mineral Deeds of record.
62. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:
- | | |
|-----------------------|--|
| Granted to: | Pacific Coast Railroad Company, its successors and assigns |
| Purpose: | A 30 foot wide strip of land, as more particularly described therein |
| Recording Date: | July 1, 1882 |
| <u>Recording No.:</u> | <u>Book Z, Page 344</u> of Deeds |
| Affects: | A portion of said land, as more particularly described therein |

The right of said Pacific Coast Railroad Company, in and to those portions included within the line of said railroad company's right of way, both as deeded and as located on ground have since passed to and are now vested in the County of Santa Barbara, a political subdivision, subject to the reservation of certain rights of way in favor of Alphonzo E. Bell, et al., or their successors and assigns, as set forth in the Deed recorded in Book 625, Page 1 of Official Records.

NOTE: Recorded on May 8, 1941 in Book 525, Page 16 of Official Records, appears the record of a Right of Way Deed wherein Pacific Coast Railway Company conveyed to the Union Oil Company of California, the right of way from time to time to lay, construct, maintain, operate, repair, alter and remove pipe lines for the transportation of oil, gas, water and other liquids; also power and telephone lines with poles and appurtenances and the right to use existing private roads for ingress and egress to and from the same over, across, through, under and along the property described in the above deed.

By Quitclaim Deed dated April 27, 1943 and recorded in Book 598, Page 226 of Official Records, the Union Oil Company of California, a corporation, quitclaimed to the United States of America, all its rights to construct aerial communication lines and other aerial facilities on and across a portion of the Santa Maria Air Base situated in the Southwest quarter of Section 34, T10N,R34W, and in the West half of Section 3, T9N,R34W, from a point 15 feet South and 33 feet West of the center of said Section 34, Southerly to a point 5 feet North and North 86 degrees 45' 28" West 145 feet from the South quarter corner of said Section 3.

EXCEPTIONS
(continued)

63. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Pacific Coast Oil Company, its successors and assigns
Purpose: Pipe lines, telegraph or telephone lines,
as more particularly described therein
Dated: April 9, 1905
[Recording No.:](#) [Book 106, Page 198](#) of Deeds
Affects: A portion of said land, as more particularly described therein

64. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Pacific Coast Oil Company, its successors and assigns
Purpose: Pipe lines, telegraph or telephone lines,
as more particularly described therein
Dated: April 12, 1905
[Recording No.:](#) [Book 106, Page 199](#) of Deeds
Affects: A portion of said land, as more particularly described therein

65. Intentionally Deleted

66. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Pacific Gas and Electric Company, its successors and assigns
Purpose: Overhead public utilities, as more particularly described therein
Dated: November 13, 1940
[Recording No.:](#) [Book 510, Page 431 of Official Records](#)
Affects: A portion of said land, as more particularly described therein

67. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Pacific Gas and Electric Company, its successors and assigns
Purpose: Overhead public utilities, as more particularly described therein
Dated: December 24, 1940
[Recording No.:](#) [Book 521, Page 11 of Official Records](#)
Affects: A portion of Tract 32 on the Map of the Santa Maria Army Air Field,
as more particularly described therein

68. Any rights incidental to the ownership and development of the mineral interest excepted or reserved in the document

Entitled: Quitclaim Deed
Dated: March 28, 1941
[Recording No.:](#) [Book 513, Page 415 of Official Records](#)
Affects: Portions of said land, as more particularly described therein

EXCEPTIONS
(continued)

69. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Pacific Gas and Electric Company, its successors and assigns
Purpose: Overhead public utilities, as more particularly described therein
Dated: November 4, 1941
Recording No.: [Book 547, Page 206 of Official Records](#)
Affects: A portion of Tract 32 on the Map of the Santa Maria Army Air Field,
as more particularly described therein

70. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Southern California Gas Company, its successors and assigns
Purpose: Pipelines, as more particularly described therein
Dated: July 3, 1943
Recording No.: 5154, [Book 573, Page 181 of Official Records](#)
Affects: A portion of Tract 32 on the Map of the Santa Maria Army Air Field,
as more particularly described therein

71. Matters contained in that certain documents

Entitled: Deeds
Grantor: United States of America
Grantee: County of Santa Barbara
Recording Date: June 9, 1949
Recording No.: 7032, [Book 857, Pages 309](#) through [328 of Official Records](#)
and
Recording Date: December 19, 1949
Recording No.: 15749, [Book 889, Pages 449](#) through 456 of Official Records

Reference is hereby made to said document for full particulars.

By Instruments listed below, the conditions and provisions of the above documents are amended and modified:

[Book 1310, Page 520 of Official Records;](#)
[Book 2198, Pge 244 of Official Records;](#)
[Book 2221, Page 1412 of Official Records;](#)
[Instrument No. 79-37818 of Official Records;](#)
[Instrument No. 80-34812 of Official Records;](#)
[Instrument No. 82-20745 of Official Records;](#)
[Instrument No. 82-31317 of Official Records;](#)
[Instrument No. 82-36797 of Official Records;](#)
[Instrument No. 84-10249 of Official Records;](#)
[Instrument No. 84-11722 of Official Records;](#)
[Instrument No. 84-62710 of Official Records;](#)
[Instrument No. 93-50293 of Official Records;](#)
[Instrument No. 96-14505 of Official Records;](#)

EXCEPTIONS
(continued)

72. Matters and/or recitals as shown on that certain map/plat:

Entitled: Survey of a Portion of The Santa Maria Army Airfield and
Rights of ways Deeded to the County of Santa Barbara
Recording Date: June 24, 1949
Recording No.: [Book 29, Page 141](#) of Record of Surveys

Reference is hereby made to said document for full particulars.

73. Matters contained in that certain documents

Entitled: Quitclaim Deed
Dated: March 9, 1964
Grantor: The County of Santa Barbara,
a political subdivision of the State of California
Grantee: The Santa Maria Public Airport District,
a state agency of the State of California
Recording Date: March 9, 1964
Recording No.: 10278, [Book 2039, Page 509 of Official Records](#)

Which among other things recites:

Reservations as to this Deed:

If Grantee is dissolved title to any of the above discribed land and improvements thereto vesting in Grantee at that time shall revert to Grantors as tenants in common.

Reference is hereby made to said document for full particulars.

Matters contained in that certain documents

Entitled: Agreement
Bay and between: The Santa Maria Public Airport District;
The County of Santa Barbara; and
The City of Santa Maria
Recording Date: April 5, 1984
Recording No.: [84-17753, of Official Records](#)
Affects: The effect of the reservations contained in the Deed shown herein above;
as to the effect on the Lease to
Santa Maria Hotel Associates, LTD., a limited partnership

Reference is hereby made to said document for full particulars.

EXCEPTIONS
(continued)

Matters contained in that certain documents

Entitled: Amendment of Agreement
Bay and between: The Santa Maria Public Airport District;
The County of Santa Barbara; and
The City of Santa Maria
Recording Date: November 21, 1984
Recording No.: [84-062711, of Official Records](#)
Affects: Agreement [recorded 84-17753](#)

Reference is hereby made to said document for full particulars.

74. Easement(s) for the purpose(s) shown below and rights incidental thereto as set forth in a document:

In favor of: The City of Santa Maria,
a municipal corporation of the State of California
Purpose: Exploring and drilling for water and for constructing,
operating, maintaining, repairing, and replacing water wells
with appropriate appurtenances
Recording Date: March 9, 1964
Recording No.: 10279, [Book 2039, Page 518 of Official Records](#)
Affects:

"Parcel 1:" A portion of the Southwest quarter of the Northwest quarter of Section 34, T10N,R34W, as more particularly described therein.

"Parcel 2:" A portion of the Southwest quarter of the Southeast quarter of Section 34, T10N,R34W, as more particularly described therein.

"Parcel 3:" A portion of the North half of Section 3, T9N,R34W, , as more particularly described therein.

Said Instrument among other things recites:

"At such time that any of said parcels are not used for the purpose of producing water for a period of one year, the easement here granted ends as to such parcels"

75. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: The Santa Barbara County Flood Control and
Water Conservation District, its successors and assigns
Purpose: Flood control purposes, including the right to remove dirt,
soil, earth, silt, trees, vegetation, debris, or other materials
Recording Date: March 10, 1964
Recording No.: 10592, [Book 2039, Page 1023 of Official Records](#)
Affects: Nine Parcels of land, lying or being in the Santa maria Public Airport,
60.00 feet wide, as more particularly described therein

EXCEPTIONS
(continued)

76. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: The Santa Barbara County Flood Control and
Water Conservation District, its successors and assigns
Purpose: Flood control purposes, including the right to remove dirt,
soil, earth, silt, trees, vegetation, debris, or other materials
Recording Date: October 29, 1970
Recording No.: [29848](#), Book 2325, Page 962 of Official Records
Affects:

"Parcel 1:" A strip of land 60 feet wide;

"Parcel 2:" A strip of land 70 feet wide;

Both lying within portions of Sections 28 and 33, T10N,R34W and portion of Paderewski Subdivision No. 1, [Book 15, Pages 26](#) and 27 of Maps, as more particularly described therein

77. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: The Santa Barbara County Flood Control and
Water Conservation District, its successors and assigns
Purpose: Flood control purposes, including the right to remove dirt,
soil, earth, silt, trees, vegetation, debris, or other materials
Recording Date: October 24, 1972
Recording No.: 41817, [Book 2427, Page 469 of Official Records](#)
Affects:

"Parcel 1:" A strip of land 45 feet wide;

"Parcel 2:" A triangular piece of land;

Both lying within portions of Rancho Punta de la Laguna and Section 28 T10N,R34W, as more particularly described therein

78. Recitals as shown on that certain map/plat:

Entitled: Record of Survey
Recording Date: November 29, 1972
Recording No.: [Book 110, Page 10](#) of Record of Surveys
Affects: Portion of Section 34, T10N,R34W

Reference is hereby made to said document for full particulars.

EXCEPTIONS
(continued)

79. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: The Santa Barbara County Flood Control and
Water Conservation District, its successors and assigns
Purpose: Flood control purposes, including the right to remove dirt,
soil, earth, silt, trees, vegetation, debris, or other materials
Recording Date: April 4, 1979
Recording No.: 79-14630, of Official Records
Affects:

"Parcel 1:" A strip of land 32 feet wide;

"Parcel 2:" A strip of land 60 feet wide;

Both lying within portions of Sections 28 and 33, T10N,R34W, and portion of Paderewski Subdivision No. 1, Book 15, Pages 26 and 27 of maps, as more particularly described therein

80. Easement(s) for the purpose(s) shown below and rights incidental thereto as set forth in a document:

In favor of: The City of Santa Maria,
a municipal corporation of the State of California
Purpose: Water line or lines and appurtenances,
as more particularly described therein
Recording Date: April 5, 1979
Recording No.: 79-14730, of Official Records
Affects: A portion of the Southeast quarter of Sections 28 and 33, T10N,R34W,
as more particularly described therein

81. Easement(s) for the purpose(s) shown below and rights incidental thereto as set forth in a document:

In favor of: The City of Santa Maria,
a municipal corporation of the State of California
Purpose: Exploring and drilling for water and for constructing,
operating, maintaining, repairing, and replacing water wells
with appropriate appurtenances
Recording Date: December 20, 1979
Recording No.: 79-59367, of Official Records
Affects:

A portion of the South 55 feet of the East 462 feet of Section 28, T10N,R34W; and of the North 60 feet of the East 462 feet of Section 33, T10N,R34W, as more particularly described therein

EXCEPTIONS
(continued)

82. Easement(s) for the purpose(s) shown below and rights incidental thereto as set forth in a document:

In favor of: The City of Santa Maria,
a municipal corporation of the State of California
Purpose: Water line or lines and appurtenances,
as more particularly described therein
Recording Date: December 20, 1979
[Recording No.: 79-59369, of Official Records](#)
Affects: A strip of land 10 feet wide, lying within Sections 28 and 33, T10N,R34W,
as more particularly described therein

83. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: The Santa Barbara County Flood Control and
Water Conservation District, its successors and assigns
Purpose: Flood control drainage and water conservation purposes,
as more particularly described therein
Recording Date: September 3, 1981
[Recording No.: 81-36839, of Official Records](#)
Affects: Three parcels of land, lying within the Santa Maria Public Airport District Property,
as more particularly described therein

84. Matters contained in that certain document

Entitled: Agreement
Dated: November 22, 1982
Executed by: Santa Maria Public Airport District; and City of Santa Maria
Recording Date: April 22, 1983
[Recording No.: 83-19399, of Official Records](#)

Reference is hereby made to said document for full particulars.

85. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein as disclosed by the document

Entitled: Memorandum of Lease
Lessor: Santa Maria Public Airport District
Lessee: Airport Business Park Associates, a general partnership
Recording Date: April 22, 1983
[Recording No.: 83-19402, of Official Records](#)
Affects: A portion of the West half of Section 34, T10N,R34W,
as more particularly described therein

EXCEPTIONS
(continued)

Matters contained in that certain document

Entitled: Memorandum of Co-Ownership Agreement
Dated: December 24, 1986
Executed by: Airport Business Park Associates, LTD., a California limited partnership;
and Equitable Acceptance Realty Trust, a California business trust
Recording Date: December 31, 1986
[Recording No.: 1986-088010, of Official Records](#)
Affects: A Leashold Estate, created by that certain unrecorded Lease,
disclosed by a memorandum of lease, recorded April 22, 1983,
as [Instrument No. 83-19402 of Official Records](#)

Reference is hereby made to said document for full particulars.

The present ownership of the leasehold created by said lease and other matters affecting the interest of the lessee are not shown herein.

86. Easement(s) for the purpose(s) shown below and rights incidental thereto as set forth in a document:

In favor of: The City of Santa Maria,
a municipal corporation of the State of California
Purpose: A street for public use and City maintenance,
for the construction, maintenance and replacement of a sewer line or lines
and appurtenances, and for public utility and cable T.V. purposes
Recording Date: January 17, 1985
[Recording No.: 1985-002753, of Official Records](#)
Affects: Those portions of Rancho Punta de la Luguna and
Sections 28 and 33, T10N,R34W, as more particularly described therein

87. Matters contained in that certain document

Entitled: Airport Lot Line Adjustment, Tract 5556
Dated: March 14, 1989
Executed by: The City of Santa Maria
Recording Date: August 11, 1989
[Recording No.: 89-052984, of Official Records](#)

Reference is hereby made to said document for full particulars.

EXCEPTIONS
(continued)

88. Matters contained in that certain document

Entitled: Easement Exchange Agreement with Deeds
Dated: November 26, 1991
Executed by: The Santa Maria Public Airport District,
a public district of the State of California, and
The City of Santa Maria, a California municipal corporation
Recording Date: January 7, 1992
Recording No.: 92-001067, of Official Records

Said Instrument included copies of Instruments recorded:

Recording Date: October 25, 1968
Recording No.: 33346, Book 2249, Page 1374 of Official Records;

Recording Date: December 20, 1979
Recording No.: 79-59368, of Official Records; and

Recording Date: March 9, 1964
Recording No.: 10279, Book 2039, Page 518 of Official Records

Reference is hereby made to said document for full particulars.

89. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: The City of Santa Maria, a municipal corporation
Purpose: Water line or lines and appurtenances,
as more particularly described therein
Recording Date: July 6, 1992
Recording No.: 92-052008, of Official Records
Affects: Nine 10 foot wide strips of land,
lying within the Westerly half of Section 34, T10N,R34W,
entitled Lines A through I, as more particularly described therein

90. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Santa Barbara County Flood Control and Water Conservation District,
a special district, its successors and assigns
Purpose: Flood control channel and such accessory parts and structures,
as more particularly described therein
Recording Date: November 28, 1996
Recording No.: 96-070704, of Official Records
Affects: "As described on Exhibit "A" attached hereto";

No Exhibit "A" attached to said Instrument.

EXCEPTIONS
(continued)

91. Matters contained in that certain document

Entitled: Easement and Agreement
Dated: October 10, 1996
Grantor: Santa Maria Public Airport District, a public district of the State of California
Grantee: The City of Santa Maria, a municipal corporation of the State of California
Purpose: A non-exclusive easement for the discharge and drainage of potable water associated with the start-up of City Well 10-S
Recording Date: April 22, 1997
[Recording No.: 97-022308, of Official Records](#)
Affects: A portion of the Paderewski Subdivision No. 1, as more particularly described therein

Reference is hereby made to said document for full particulars.

92. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: The City of Santa Maria, a municipal corporation of the State of California
Purpose: A non-exclusive easement for water line or lines and appurtenances, as more particularly described therein
Recording Date: June 19, 2000
[Recording No.: 2000-0037600, of Official Records](#)
Affects: A 10 foot wide strip of land, lying within a portion of Section 3, T9N,R34W and Section 34, T10N,R34W, as more particularly described therein

93. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: The City of Santa Maria, a municipal corporation of the State of California
Purpose: A non-exclusive easement for a water line, as more particularly described therein
Recording Date: January 28, 2003
[Recording No.: 2003-0011096, of Official Records](#)
Affects: A 10 foot wide strip of land, lying within portions of the Westerly half of Section 34, T10N,R34W, as more particularly described therein

94. Matters and/or recitals as shown on that certain map/plat:

Entitled: Record of Survey
Santa Maria Public Airport
Recording Date: March 11, 2005
Recording No.: Book 173, Pge 16 of Record of Surveys

Reference is hereby made to said document for full particulars.

EXCEPTIONS
(continued)

95. Matters contained in that certain document

Entitled: Easement Agreement (Temporary)
Purpose: A temporary, non-exclusive easement for underground facilities,
as more particularly described therein
Grantor: Santa Maria Public Airport District
Grantee: Verizon California, Inc., its successors and assigns
Recording Date: December 19, 2005
Recording No.: 2005-0121074, of Official Records
Affects: A 10 foot wide strip of land,
lying within a portion of Rancho Punta De La Laguna,
as more particularly described therein

Reference is hereby made to said document for full particulars.

96. Matters contained in that certain document

Entitled: Agreement Respecting Airport Business Park Specific Plan,
E-2005-039, GPZ-2005-007, SPZ-2007-001
Dated: August 4, 2009
Executed by: Santa Maria Public Airport District; and
the City of Santa Maria
Recording Date: August 25, 2009
Recording No.: 2009-0052156, of Official Records

Reference is hereby made to said document for full particulars.

97. Matters contained in that certain document

Entitled: Easement Deed
Purpose: A non-exclusive and permanent easement for
recycled water lines, together with necessary rights of ingress and egress,
all as more particularly described therein
Dated: July 28, 2011
Grantor: Santa Maria Public Airport District,
a public airport of the State of California
Grantee: Laguna County Sanitation District,
a county sanitation district of the State of California,
its successors or assigns
Recording Date: December 19, 2013
Recording No.: 2013-0079248, of Official Records
Affects: A strip of land 15 feet, lying within a portion of
APN: 111-231-007, 010, 011 & 017, as more particularly described therein,
and as shown on the Exhibit A, attached thereto

Reference is hereby made to said document for full particulars.

EXCEPTIONS
(continued)

98. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein as disclosed by the document

Entitled: Memorandum of Lease
Lessor: Santa Maria Public Airport District,
a Public District of the State of California
Lessee: GTE Mobilnet of Santa Barbara Limited Partnership,
a California limited partnership, d/b/a Verizon Wireless
Recording Date: November 10, 2015
[Recording No.: 2015-0059412, of Official Records](#)
Affects: Parcel B

The present ownership of the leasehold created by said lease and other matters affecting the interest of the lessee are not shown herein.

99. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein as disclosed by the document

Entitled: MEMORANDUM OF LEASE AGREEMENT
Lessor: Santa Maria Public Airport District, a municipal corporation
Lessee: AirTouch Cellular Inc., d/b/a Verizon Wireless
Recording Date: July 18, 2018
[Recording No.: 2018-0028444 of Official Records](#)

The present ownership of the leasehold created by said lease and other matters affecting the interest of the lessee are not shown herein.

100. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein as disclosed by the document

Entitled: MEMORANDUM OF GROUND LEASE
Lessor: Santa Maria Public Airport District
Lessee: CENTRAL COAST JET CENTER, LLC
Recording Date: August 6, 2018
[Recording No.: 2018-0033071, 33072, 33073 & 33074 of Official Records](#)

The present ownership of the leasehold created by said lease and other matters affecting the interest of the lessee are not shown herein.

101. The rights of tenants, as tenants only, under unrecorded leases that do not contain any right of first refusal or option to purchase the property
102. The search did not disclose any open mortgages or deeds of trust of record, therefore the Company reserves the right to require further evidence to confirm that the property is unencumbered, and further reserves the right to make additional requirements or add additional items or exceptions upon receipt of the requested evidence.

THE FOLLOWING ITEMS AFFECTS ALL PARCELS

EXCEPTIONS
(continued)

103. Water rights, claims or title to water, whether or not disclosed by the public records.
104. Any rights of the parties in possession of a portion of, or all of, said Land, which rights are not disclosed by the public records.
- The Company will require, for review, a full and complete copy of any unrecorded agreement, contract, license and/or lease, together with all supplements, assignments and amendments thereto, before issuing any policy of title insurance without excepting this item from coverage.
- The Company reserves the right to except additional items and/or make additional requirements after reviewing said documents.
105. Any lien or right to a lien for services, labor or material not shown by the Public Records.
106. Any easements not disclosed by the public records as to matters affecting title to real property, whether or not said easements are visible and apparent.
107. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other matters which a correct survey would disclose and which are not shown by the public records.
108. Matters which may be disclosed by an inspection and/or by a correct ALTA/NSPS Land Title Survey of said Land that is satisfactory to the Company, and/or by inquiry of the parties in possession thereof.
109. The Company will require that an Owner's Affidavit be completed by the party(s) named below before the issuance of any policy of title insurance.

Party(ies): Vestee

The Company reserves the right to add additional items or make further requirements after review of the requested Affidavit.

END OF EXCEPTIONS

NOTES

Notice: Please be aware that due to the conflict between federal and state laws concerning the cultivation, distribution, manufacture or sale of marijuana, the Company is not able to close or insure any transaction involving Land that is associated with these activities.

- Note 1.** If a county recorder, title insurance company, escrow company, real estate broker, real estate agent or association provides a copy of a declaration, governing document or deed to any person, California law requires that the document provided shall include a statement regarding any unlawful restrictions. Said statement is to be in at least 14-point bold face type and may be stamped on the first page of any document provided or included as a cover page attached to the requested document. Should a party to this transaction request a copy of any document reported herein that fits this category, the statement is to be included in the manner described.
- Note 2.** Any documents being executed in conjunction with this transaction must be signed in the presence of an authorized Company employee, an authorized employee of an agent, an authorized employee of the insured lender, or by using Bancserv or other approved third-party service. If the above requirements cannot be met, please call the company at the number provided in this report.
- Note 3.** Your application for title insurance was placed by reference to only a street address or tax identification number. Based on our records, we believe that the legal description in this report covers the parcel(s) of Land that you requested. If the legal description is incorrect, the seller/borrower must notify the Company and/or the settlement company in order to prevent errors and to be certain that the correct parcel(s) of Land will appear on any documents to be recorded in connection with this transaction and on the policy of title insurance.
- Note: The policy of title insurance will include an arbitration provision. The Company or the insured may demand arbitration. Arbitrable matters may include, but are not limited to, any controversy or claim between the Company and the insured arising out of or relating to this policy, any service of the Company in connection with its issuance or the breach of a policy provision or other obligation. Please ask your escrow or title officer for a sample copy of the policy to be issued if you wish to review the arbitration provisions and any other provisions pertaining to your Title Insurance coverage.
- Note 4.** Note: There are NO conveyances affecting said Land recorded within 24 months of the date of this report.
- Note 5.** Note: The charge for a policy of title insurance, when issued through this title order, will be based on the Basic Title Insurance Rate.
- Note 6.** Pursuant to Government Code Section 27388.1, as amended and effective as of 1-1-2018, a Documentary Transfer Tax (DTT) Affidavit may be required to be completed and submitted with each document when DTT is being paid or when an exemption is being claimed from paying the tax. If a governmental agency is a party to the document, the form will not be required. DTT Affidavits may be available at a Tax Assessor-County Clerk-Recorder.
- Note 7.** Due to the special requirements of SB 50 (California Public Resources Code Section 8560 et seq.), any transaction that includes the conveyance of title by an agency of the United States must be approved in advance by the Company's State Counsel, Regional Counsel, or one of their designees.

NOTES
(continued)

Note 8. The following Exclusion(s) are added to preliminary reports, commitments and will be included as an endorsement in the following policies:

A. 2006 ALTA Owner's Policy (06-17-06).

6. Defects, liens, encumbrances, adverse claims, notices, or other matters not appearing in the Public Records but that would be disclosed by an examination of any records maintained by or on behalf of a Tribe or on behalf of its members.

B. 2006 ALTA Loan Policy (06-17-06)

8. Defects, liens, encumbrances, adverse claims, notices, or other matters not appearing in the Public Records but that would be disclosed by an examination of any records maintained by or on behalf of a Tribe or on behalf of its members.
9. Any claim of invalidity, unenforceability, or lack of priority of the lien of the Insured Mortgage based on the application of a Tribe's law resulting from the failure of the Insured Mortgage to specify State law as the governing law with respect to the lien of the Insured Mortgage.

C. ALTA Homeowner's Policy of Title Insurance (12-02-13) and CLTA Homeowner's Policy of Title Insurance (12-02-13).

10. Defects, liens, encumbrances, adverse claims, notices, or other matters not appearing in the Public Records but that would be disclosed by an examination of any records maintained by or on behalf of a Tribe or on behalf of its members.

D. ALTA Expanded Coverage Residential Loan Policy - Assessments Priority (04-02-15).

12. Defects, liens, encumbrances, adverse claims, notices, or other matters not appearing in the Public Records but that would be disclosed by an examination of any records maintained by or on behalf of a Tribe or on behalf of its members.
13. Any claim of invalidity, unenforceability, or lack of priority of the lien of the Insured Mortgage based on the application of a Tribe's law resulting from the failure of the Insured Mortgage to specify State law as the governing law with respect to the lien of the Insured Mortgage.

E. CLTA Standard Coverage Policy 1990 (11-09-18).

7. Defects, liens, encumbrances, adverse claims, notices, or other matters not appearing in the public records but that would be disclosed by an examination of any records maintained by or on behalf of a tribe or on behalf of its members.
8. Any claim of invalidity, unenforceability, or lack of priority of the lien of the insured mortgage based on the application of a tribe's law resulting from the failure of the insured mortgage to specify state law as the governing law with respect to the lien of the insured mortgage.

NOTES
(continued)

Note 9. ..***IMPORTANT RECORDING NOTE***

Please send all original documents, copies of documents, including recording release instructions, policy write-up instructions, lender's instructions and settlement statements for recording to the following office:

Fidelity National Title
2222 S. Broadway
Santa Maria, Ca 93454
Attn: David Long
V-805-614-2601
F-805-928-7111
David.Long@fnf.com

END OF NOTES



Inquire before you wire!

WIRE FRAUD ALERT

This Notice is not intended to provide legal or professional advice.
If you have any questions, please consult with a lawyer.

All parties to a real estate transaction are targets for wire fraud and many have lost hundreds of thousands of dollars because they simply relied on the wire instructions received via email, without further verification. **If funds are to be wired in conjunction with this real estate transaction, we strongly recommend verbal verification of wire instructions through a known, trusted phone number prior to sending funds.**

In addition, the following non-exclusive self-protection strategies are recommended to minimize exposure to possible wire fraud.

- **NEVER RELY** on emails purporting to change wire instructions. Parties to a transaction rarely change wire instructions in the course of a transaction.
- **ALWAYS VERIFY** wire instructions, specifically the ABA routing number and account number, by calling the party who sent the instructions to you. **DO NOT** use the phone number provided in the email containing the instructions, use phone numbers you have called before or can otherwise verify. **Obtain the number of relevant parties to the transaction as soon as an escrow account is opened.** **DO NOT** send an email to verify as the email address may be incorrect or the email may be intercepted by the fraudster.
- **USE COMPLEX EMAIL PASSWORDS** that employ a combination of mixed case, numbers, and symbols. Make your passwords greater than eight (8) characters. Also, change your password often and do NOT reuse the same password for other online accounts.
- **USE MULTI-FACTOR AUTHENTICATION** for email accounts. Your email provider or IT staff may have specific instructions on how to implement this feature.

For more information on wire-fraud scams or to report an incident, please refer to the following links:

Federal Bureau of Investigation:
<http://www.fbi.gov>

Internet Crime Complaint Center:
<http://www.ic3.gov>

FIDELITY NATIONAL FINANCIAL PRIVACY NOTICE

Effective January 1, 2023

Fidelity National Financial, Inc. and its majority-owned subsidiary companies (collectively, "FNF," "our," or "we") respect and are committed to protecting your privacy. This Privacy Notice explains how we collect, use, and protect personal information, when and to whom we disclose such information, and the choices you have about the use and disclosure of that information.

A limited number of FNF subsidiaries have their own privacy notices. If a subsidiary has its own privacy notice, the privacy notice will be available on the subsidiary's website and this Privacy Notice does not apply.

Collection of Personal Information

FNF may collect the following categories of Personal Information:

- contact information (e.g., name, address, phone number, email address);
- demographic information (e.g., date of birth, gender, marital status);
- identity information (e.g. Social Security Number, driver's license, passport, or other government ID number);
- financial account information (e.g. loan or bank account information); and
- other personal information necessary to provide products or services to you.

We may collect Personal Information about you from:

- information we receive from you or your agent;
- information about your transactions with FNF, our affiliates, or others; and
- information we receive from consumer reporting agencies and/or governmental entities, either directly from these entities or through others.

Collection of Browsing Information

FNF automatically collects the following types of Browsing Information when you access an FNF website, online service, or application (each an "FNF Website") from your Internet browser, computer, and/or device:

- Internet Protocol (IP) address and operating system;
- browser version, language, and type;
- domain name system requests; and
- browsing history on the FNF Website, such as date and time of your visit to the FNF Website and visits to the pages within the FNF Website.

Like most websites, our servers automatically log each visitor to the FNF Website and may collect the Browsing Information described above. We use Browsing Information for system administration, troubleshooting, fraud investigation, and to improve our websites. Browsing Information generally does not reveal anything personal about you, though if you have created a user account for an FNF Website and are logged into that account, the FNF Website may be able to link certain browsing activity to your user account.

Other Online Specifics

Cookies. When you visit an FNF Website, a "cookie" may be sent to your computer. A cookie is a small piece of data that is sent to your Internet browser from a web server and stored on your computer's hard drive. Information gathered using cookies helps us improve your user experience. For example, a cookie can help the website load properly or can customize the display page based on your browser type and user preferences. You can choose whether or not to accept cookies by changing your Internet browser settings. Be aware that doing so may impair or limit some functionality of the FNF Website.

Web Beacons. We use web beacons to determine when and how many times a page has been viewed. This information is used to improve our websites.

Do Not Track. Currently our FNF Websites do not respond to "Do Not Track" features enabled through your browser.

Links to Other Sites. FNF Websites may contain links to unaffiliated third-party websites. FNF is not responsible for the privacy practices or content of those websites. We recommend that you read the privacy policy of every website you visit.

Use of Personal Information

FNF uses Personal Information for three main purposes:

- To provide products and services to you or in connection with a transaction involving you.
- To improve our products and services.
- To communicate with you about our, our affiliates', and others' products and services, jointly or independently.

When Information Is Disclosed

We may disclose your Personal Information and Browsing Information in the following circumstances:

- to enable us to detect or prevent criminal activity, fraud, material misrepresentation, or nondisclosure;
- to affiliated or nonaffiliated service providers who provide or perform services or functions on our behalf and who agree to use the information only to provide such services or functions;
- to affiliated or nonaffiliated third parties with whom we perform joint marketing, pursuant to an agreement with them to jointly market financial products or services to you;
- to law enforcement or authorities in connection with an investigation, or in response to a subpoena or court order; or
- in the good-faith belief that such disclosure is necessary to comply with legal process or applicable laws, or to protect the rights, property, or safety of FNF, its customers, or the public.

The law does not require your prior authorization and does not allow you to restrict the disclosures described above. Additionally, we may disclose your information to third parties for whom you have given us authorization or consent to make such disclosure. We do not otherwise share your Personal Information or Browsing Information with nonaffiliated third parties, except as required or permitted by law.

We reserve the right to transfer your Personal Information, Browsing Information, and any other information, in connection with the sale or other disposition of all or part of the FNF business and/or assets, or in the event of bankruptcy, reorganization, insolvency, receivership, or an assignment for the benefit of creditors. By submitting Personal Information and/or Browsing Information to FNF, you expressly agree and consent to the use and/or transfer of the foregoing information in connection with any of the above described proceedings.

Security of Your Information

We maintain physical, electronic, and procedural safeguards to protect your Personal Information.

Choices With Your Information

Whether you submit Personal Information or Browsing Information to FNF is entirely up to you. If you decide not to submit Personal Information or Browsing Information, FNF may not be able to provide certain services or products to you.

For California Residents: We will not share your Personal Information or Browsing Information with nonaffiliated third parties, except as permitted by California law. For additional information about your California privacy rights, please visit the "California Privacy" link on our website (<https://fnf.com/pages/californiaprivacy.aspx>) or call (888) 413-1748.

For Nevada Residents: We are providing this notice pursuant to state law. You may be placed on our internal Do Not Call List by calling FNF Privacy at (888) 714-2710 or by contacting us via the information set forth at the end of this Privacy Notice. For further information concerning Nevada's telephone solicitation law, you may contact: Bureau of Consumer Protection, Office of the Nevada Attorney General, 555 E. Washington St., Suite 3900, Las Vegas, NV 89101; Phone number: (702) 486-3132; email: aginquiries@ag.state.nv.us.

For Oregon Residents: We will not share your Personal Information or Browsing Information with nonaffiliated third parties for marketing purposes, except after you have been informed by us of such sharing and had an opportunity to indicate that you do not want a disclosure made for marketing purposes.

For Vermont Residents: We will not disclose information about your creditworthiness to our affiliates and will not disclose your personal information, financial information, credit report, or health information to nonaffiliated third parties to market to you, other than as permitted by Vermont law, unless you authorize us to make those disclosures.

For Virginia Residents: For additional information about your Virginia privacy rights, please email privacy@fnf.com or call (888) 714-2710.

Information From Children

The FNF Websites are not intended or designed to attract persons under the age of eighteen (18). We do not collect Personal Information from any person that we know to be under the age of thirteen (13) without permission from a parent or guardian.

International Users

FNF's headquarters is located within the United States. If you reside outside the United States and choose to provide Personal Information or Browsing Information to us, please note that we may transfer that information outside of your country of residence. By providing FNF with your Personal Information and/or Browsing Information, you consent to our collection, transfer, and use of such information in accordance with this Privacy Notice.

FNF Website Services for Mortgage Loans

Certain FNF companies provide services to mortgage loan servicers, including hosting websites that collect customer information on behalf of mortgage loan servicers (the "Service Websites"). The Service Websites may contain links to both this Privacy Notice and the mortgage loan servicer or lender's privacy notice. The sections of this Privacy Notice titled When Information is Disclosed, Choices with Your Information, and Accessing and Correcting Information do not apply to the Service Websites. The mortgage loan servicer or lender's privacy notice governs use, disclosure, and access to your Personal Information. FNF does not share Personal Information collected through the Service Websites, except as required or authorized by contract with the mortgage loan servicer or lender, or as required by law or in the good-faith belief that such disclosure is necessary: to comply with a legal process or applicable law, to enforce this Privacy Notice, or to protect the rights, property, or safety of FNF or the public.

Your Consent To This Privacy Notice; Notice Changes

By submitting Personal Information and/or Browsing Information to FNF, you consent to the collection and use of the information in accordance with this Privacy Notice. We may change this Privacy Notice at any time. The Privacy Notice's effective date will show the last date changes were made. If you provide information to us following any change of the Privacy Notice, that signifies your assent to and acceptance of the changes to the Privacy Notice.

Accessing and Correcting Information; Contact Us

If you have questions or would like to correct your Personal Information, visit FNF's [Privacy Inquiry Website](#) or contact us by phone at (888) 714-2710, by email at privacy@fnf.com, or by mail to:

Fidelity National Financial, Inc.
601 Riverside Avenue,
Jacksonville, Florida 32204
Attn: Chief Privacy Officer

ATTACHMENT ONE

CALIFORNIA LAND TITLE ASSOCIATION STANDARD COVERAGE POLICY - 1990 (11-09-18)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building or zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien, or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
 - (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
 - (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
 - (c) resulting in no loss or damage to the insured claimant;
 - (d) attaching or created subsequent to Date of Policy; or
 - (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable doing business laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by this policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

EXCEPTIONS FROM COVERAGE - SCHEDULE B, PART I

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the public records.
6. Any lien or right to a lien for services, labor or material unless such lien is shown by the public records at Date of Policy.

EXCEPTIONS FROM COVERAGE - SCHEDULE B, PART II

(Variable exceptions such as taxes, easements, CC&R's, etc., are inserted here)

ATTACHMENT ONE (CONTINUED)

CALIFORNIA LAND TITLE ASSOCIATION STANDARD COVERAGE POLICY (02-04-22)

EXCLUSIONS FROM COVERAGE

The following matters are excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. a. any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) that restricts, regulates, prohibits, or relates to:
 - i. the occupancy, use, or enjoyment of the Land;
 - ii. the character, dimensions, or location of any improvement on the Land;
 - iii. the subdivision of land; or
 - iv. environmental remediation or protection.
- b. any governmental forfeiture, police, regulatory, or national security power.
- c. the effect of a violation or enforcement of any matter excluded under Exclusion 1.a. or 1.b.
Exclusion 1 does not modify or limit the coverage provided under Covered Risk 5 or 6.
2. Any power of eminent domain. Exclusion 2 does not modify or limit the coverage provided under Covered Risk 7.
3. Any defect, lien, encumbrance, adverse claim, or other matter:
 - a. created, suffered, assumed, or agreed to by the Insured Claimant;
 - b. not Known to the Company, not recorded in the Public Records at the Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
 - c. resulting in no loss or damage to the Insured Claimant;
 - d. attaching or created subsequent to the Date of Policy (Exclusion 3.d. does not modify or limit the coverage provided under Covered Risk 9 or 10); or
 - e. resulting in loss or damage that would not have been sustained if consideration sufficient to qualify the Insured named in Schedule A as a bona fide purchaser had been given for the Title at the Date of Policy.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights law, that the transaction vesting the Title as shown in Schedule A is a:
 - a. fraudulent conveyance or fraudulent transfer;
 - b. voidable transfer under the Uniform Voidable Transactions Act; or
 - c. preferential transfer:
 - i. to the extent the instrument of transfer vesting the Title as shown in Schedule A is not a transfer made as a contemporaneous exchange for new value; or
 - ii. for any other reason not stated in Covered Risk 9.b.
5. Any claim of a PACA-PSA Trust. Exclusion 5 does not modify or limit the coverage provided under Covered Risk 8.
6. Any lien on the Title for real estate taxes or assessments imposed or collected by a governmental authority that becomes due and payable after the Date of Policy.
Exclusion 6 does not modify or limit the coverage provided under Covered Risk 2.b.
7. Any discrepancy in the quantity of the area, square footage, or acreage of the Land or of any improvement to the Land.

EXCEPTIONS FROM COVERAGE

Some historical land records contain Discriminatory Covenants that are illegal and unenforceable by law. This policy treats any Discriminatory Covenant in a document referenced in Schedule B as if each Discriminatory Covenant is redacted, repudiated, removed, and not republished or recirculated. Only the remaining provisions of the document are excepted from coverage.

This policy does not insure against loss or damage and the Company will not pay costs, attorneys' fees, or expenses resulting from the terms and conditions of any lease or easement identified in Schedule A, and the following matters:

PART I

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records at Date of Policy but that could be (a) ascertained by an inspection of the Land, or (b) asserted by persons or parties in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records at Date of Policy.
4. Any encroachment, encumbrance, violation, variation, easement, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records at Date of Policy.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor, material or equipment unless such lien is shown by the Public Records at Date of Policy.
7. Any claim to (a) ownership of or rights to minerals and similar substances, including but not limited to ores, metals, coal, lignite, oil, gas, uranium, clay, rock, sand, and gravel located in, on, or under the Land or produced from the Land, whether such ownership or rights arise by lease, grant, exception, conveyance, reservation, or otherwise; and (b) any rights, privileges, immunities, rights of way, and easements associated therewith or appurtenant thereto, whether or not the interests or rights excepted in (a) or (b) appear in the Public Records or are shown in Schedule B.

PART II

(Variable exceptions such as taxes, easements, CC&R's, etc., are inserted here)

ATTACHMENT ONE (CONTINUED)

CLTA/ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE (7-01-21) EXCLUSIONS FROM COVERAGE

The following matters are excluded from the coverage of this policy and We will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. a. any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) that restricts, regulates, prohibits, or relates to:
 - i. the occupancy, use, or enjoyment of the Land;
 - ii. the character, dimensions, or location of any improvement on the Land;
 - iii. the subdivision of land; or
 - iv. environmental remediation or protection.
 - b. any governmental forfeiture, police, or regulatory, or national security power.
 - c. the effect of a violation or enforcement of any matter excluded under Exclusion 1.a. or 1.b.
- Exclusion 1 does not modify or limit the coverage provided under Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23, or 27.
2. Any power to take the Land by condemnation. Exclusion 2 does not modify or limit the coverage provided under Covered Risk 17.
 3. Any defect, lien, encumbrance, adverse claim, or other matter:
 - a. created, suffered, assumed, or agreed to by You;
 - b. not Known to Us, not recorded in the Public Records at the Date of Policy, but Known to You and not disclosed in writing to Us by You prior to the date You became an Insured under this policy;
 - c. resulting in no loss or damage to You;
 - d. attaching or created subsequent to the Date of Policy (Exclusion 3.d. does not modify or limit the coverage provided under Covered Risk 5, 8.f., 25, 26, 27, 28, or 32); or
 - e. resulting in loss or damage that would not have been sustained if You paid consideration sufficient to qualify You as a bona fide purchaser of the Title at the Date of Policy.
 4. Lack of a right:
 - a. to any land outside the area specifically described and referred to in Item 3 of Schedule A; and
 - b. in any street, road, avenue, alley, lane, right-of-way, body of water, or waterway that abut the Land.

Exclusion 4 does not modify or limit the coverage provided under Covered Risk 11 or 21.
 5. The failure of Your existing structures, or any portion of Your existing structures, to have been constructed before, on, or after the Date of Policy in accordance with applicable building codes. Exclusion 5 does not modify or limit the coverage provided under Covered Risk 14 or 15.
 6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights law, that the transfer of the Title to You is a:
 - a. fraudulent conveyance or fraudulent transfer;
 - b. voidable transfer under the Uniform Voidable Transactions Act; or
 - c. preferential transfer:
 - i. to the extent the instrument of transfer vesting the Title as shown in Schedule A is not a transfer made as a contemporaneous exchange for new value; or
 - ii. for any other reason not stated in Covered Risk 30.
 7. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
 8. Negligence by a person or an entity exercising a right to extract or develop oil, gas, minerals, groundwater, or any other subsurface substance.
 9. Any lien on Your Title for real estate taxes or assessments, imposed or collected by a governmental authority that becomes due and payable after the Date of Policy. Exclusion 9 does not modify or limit the coverage provided under Covered Risk 8.a or 27.
 10. Any discrepancy in the quantity of the area, square footage, or acreage of the Land or of any improvement to the Land.

LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows:

- For Covered Risk 16, 18, 19 and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

	<u>Your Deductible Amount</u>	<u>Our Maximum Dollar Limit of Liability</u>
Covered Risk 16:	1.00% of Policy Amount Shown in Schedule A or \$2,500.00 (whichever is less)	\$ 10,000.00
Covered Risk 18:	1.00% of Policy Amount Shown in Schedule A or \$5,000.00 (whichever is less)	\$ 25,000.00
Covered Risk 19:	1.00% of Policy Amount Shown in Schedule A or \$5,000.00 (whichever is less)	\$ 25,000.00
Covered Risk 21:	1.00% of Policy Amount Shown in Schedule A or \$2,500.00 (whichever is less)	\$ 5,000.00

ATTACHMENT ONE (CONTINUED)

CLTA/ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE (12-02-13) EXCLUSIONS

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
 - a. building;
 - b. zoning;
 - c. land use;
 - d. improvements on the Land;
 - e. land division; and
 - f. environmental protection.This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
4. Risks:
 - a. that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records;
 - b. that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date;
 - c. that result in no loss to You; or
 - d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.
5. Failure to pay value for Your Title.
6. Lack of a right:
 - a. to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
 - b. in streets, alleys, or waterways that touch the Land.This Exclusion does not limit the coverage described in Covered Risk 11 or 21.
7. The transfer of the Title to You is invalid as a preferential transfer or as a fraudulent transfer or conveyance under federal bankruptcy, state insolvency, or similar creditors' rights laws.
8. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake or subsidence.
9. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows:

- For Covered Risk 16, 18, 19 and 21, Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

	<u>Your Deductible Amount</u>	<u>Our Maximum Dollar Limit of Liability</u>
Covered Risk 16:	1.00% of Policy Amount Shown in Schedule A or \$2,500.00 (whichever is less)	\$ 10,000.00
Covered Risk 18:	1.00% of Policy Amount Shown in Schedule A or \$5,000.00 (whichever is less)	\$ 25,000.00
Covered Risk 19:	1.00% of Policy Amount Shown in Schedule A or \$5,000.00 (whichever is less)	\$ 25,000.00
Covered Risk 21:	1.00% of Policy Amount Shown in Schedule A or \$2,500.00 (whichever is less)	\$ 5,000.00

ATTACHMENT ONE (CONTINUED)

ALTA OWNER'S POLICY (07-01-2021)

EXCLUSIONS FROM COVERAGE

The following matters are excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. a. any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) that restricts, regulates, prohibits, or relates to:
 - i. the occupancy, use, or enjoyment of the Land;
 - ii. the character, dimensions, or location of any improvement on the Land;
 - iii. the subdivision of land; or
 - iv. environmental remediation or protection.
- b. any governmental forfeiture, police, regulatory, or national security power.
- c. the effect of a violation or enforcement of any matter excluded under Exclusion 1.a. or 1.b.
Exclusion 1 does not modify or limit the coverage provided under Covered Risk 5 or 6.
2. Any power of eminent domain. Exclusion 2 does not modify or limit the coverage provided under Covered Risk 7.
3. Any defect, lien, encumbrance, adverse claim, or other matter:
 - a. created, suffered, assumed, or agreed to by the Insured Claimant;
 - b. not Known to the Company, not recorded in the Public Records at the Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
 - c. resulting in no loss or damage to the Insured Claimant;
 - d. attaching or created subsequent to the Date of Policy (Exclusion 3.d. does not modify or limit the coverage provided under Covered Risk 9 or 10); or
 - e. resulting in loss or damage that would not have been sustained if consideration sufficient to qualify the Insured named in Schedule A as a bona fide purchaser had been given for the Title at the Date of Policy.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights law, that the transaction vesting the Title as shown in Schedule A is a:
 - a. fraudulent conveyance or fraudulent transfer;
 - b. voidable transfer under the Uniform Voidable Transactions Act; or
 - c. preferential transfer:
 - i. to the extent the instrument of transfer vesting the Title as shown in Schedule A is not a transfer made as a contemporaneous exchange for new value; or
 - ii. for any other reason not stated in Covered Risk 9.b.
5. Any claim of a PACA-PSA Trust. Exclusion 5 does not modify or limit the coverage provided under Covered Risk 8.
6. Any lien on the Title for real estate taxes or assessments, imposed or collected by a governmental authority that becomes due and payable after the Date of Policy. Exclusion 6 does not modify or limit the coverage provided under Covered Risk 2.b.
7. Any discrepancy in the quantity of the area, square footage, or acreage of the Land or of any improvement to the Land.

EXCEPTIONS FROM COVERAGE

Some historical land records contain Discriminatory Covenants that are illegal and unenforceable by law. This policy treats any Discriminatory Covenant in a document referenced in Schedule B as if each Discriminatory Covenant is redacted, repudiated, removed, and not republished or recirculated. Only the remaining provisions of the document are excepted from coverage.

This policy does not insure against loss or damage and the Company will not pay costs, attorneys' fees, or expenses resulting from the terms and conditions of any lease or easement identified in Schedule A, and the following matters:

NOTE: The 2021 ALTA Owner's Policy may be issued to afford either Standard Coverage or Extended Coverage. In addition to variable exceptions such as taxes, easements, CC&R's, etc., the Exceptions from Coverage in a Standard Coverage policy will also include the Western Regional Standard Coverage Exceptions listed as 1 through 7 below:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records at Date of Policy but that could be (a) ascertained by an inspection of the Land or (b) asserted by persons or parties in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records at Date of Policy.
4. Any encroachment, encumbrance, violation, variation, easement, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records at Date of Policy.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor, material or equipment unless such lien is shown by the Public Records at Date of Policy.
7. Any claim to (a) ownership of or rights to minerals and similar substances, including but not limited to ores, metals, coal, lignite, oil, gas, uranium, clay, rock, sand, and gravel located in, on, or under the Land or produced from the Land, whether such ownership or rights arise by lease, grant, exception, conveyance, reservation, or otherwise; and (b) any rights, privileges, immunities, rights of way, and easements associated therewith or appurtenant thereto, whether or not the interests or rights excepted in (a) or (b) appear in the Public Records or are shown in Schedule B.

ATTACHMENT ONE (CONTINUED)

2006 ALTA OWNER'S POLICY (06-17-06)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
 - (i) the occupancy, use, or enjoyment of the Land;
 - (ii) the character, dimensions, or location of any improvement erected on the Land;
 - (iii) the subdivision of land; or
 - (iv) environmental protection;or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
- (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
 - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
 - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
 - (c) resulting in no loss or damage to the Insured Claimant;
 - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 and 10); or
 - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
 - (a) a fraudulent conveyance or fraudulent transfer; or
 - (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees, or expenses that arise by reason of:

NOTE: The 2006 ALTA Owner's Policy may be issued to afford either Standard Coverage or Extended Coverage. In addition to variable exceptions such as taxes, easements, CC&R's, etc., the Exceptions from Coverage in a Standard Coverage policy will also include the Western Regional Standard Coverage Exceptions listed below as 1 through 7 below:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records at Date of Policy but that could be (a) ascertained by an inspection of the Land, or (b) asserted by persons or parties in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records at Date of Policy.
4. Any encroachment, encumbrance, violation, variation, easement, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records at Date of Policy.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor, material or equipment unless such lien is shown by the Public Records at Date of Policy.]
7. Any claim to (a) ownership of or rights to minerals and similar substances, including but not limited to ores, metals, coal, lignite, oil, gas, uranium, clay, rock, sand, and gravel located in, on, or under the Land or produced from the Land, whether such ownership or rights arise by lease, grant, exception, conveyance, reservation, or otherwise; and (b) any rights, privileges, immunities, rights of way, and easements associated therewith or appurtenant thereto, whether or not the interests or rights excepted in (a) or (b) appear in the Public Records or are shown in Schedule B.

Notice of Available Discounts

Pursuant to Section 2355.3 in Title 10 of the California Code of Regulations Fidelity National Financial, Inc. and its subsidiaries ("FNF") must deliver a notice of each discount available under our current rate filing along with the delivery of escrow instructions, a preliminary report or commitment. Please be aware that the provision of this notice does not constitute a waiver of the consumer's right to be charged the filed rate. As such, your transaction may not qualify for the below discounts.

You are encouraged to discuss the applicability of one or more of the below discounts with a Company representative. These discounts are generally described below; consult the rate manual for a full description of the terms, conditions and requirements for such discount. These discounts only apply to transactions involving services rendered by the FNF Family of Companies. This notice only applies to transactions involving property improved with a one-to-four family residential dwelling.

Not all discounts are offered by every FNF Company. The discount will only be applicable to the FNF Company as indicated by the named discount.

FNF Underwritten Title Companies

CTC - Chicago Title Company
CLTC - Commonwealth Land Title Company
FNTC - Fidelity National Title Company of California
FNTCCA - Fidelity National Title Company of California
TICOR - Ticor Title Company of California
LTC - Lawyer's Title Company
SLTC - ServiceLink Title Company

Underwritten by FNF Underwriters

CTIC - Chicago Title Insurance Company
CLTIC - Commonwealth Land Title Insurance Company
FNTIC - Fidelity National Title Insurance Company
FNTIC - Fidelity National Title Insurance Company
CTIC - Chicago Title Insurance Company
CLTIC - Commonwealth Land Title Insurance Company
CTIC - Chicago Title Insurance Company

Available Discounts

DISASTER LOANS (CTIC, CLTIC, FNTIC)

The charge for a Lender's Policy (Standard or Extended coverage) covering the financing or refinancing by an owner of record, within twenty-four (24) months of the date of a declaration of a disaster area by the government of the United States or the State of California on any land located in said area, which was partially or totally destroyed in the disaster, will be fifty percent (50%) of the appropriate title insurance rate.

CHURCHES OR CHARITABLE NON-PROFIT ORGANIZATIONS (CTIC, FNTIC)

On properties used as a church or for charitable purposes within the scope of the normal activities of such entities, provided said charge is normally the church's obligation the charge for an owner's policy shall be fifty percent (50%) to seventy percent (70%) of the appropriate title insurance rate, depending on the type of coverage selected. The charge for a lender's policy shall be forty percent (40%) to fifty percent (50%) of the appropriate title insurance rate, depending on the type of coverage selected.

Property Owner Interview Questionnaire

Rincon Project Number: 23-14608

Site Name and Full Address: Santa Maria Airport Rezoning Project, Santa Maria

This questionnaire should be completed by the current property owner or a designated representative of the current property owner. We respectfully request that you fill out and return this form via fax at (760) 918-9444 or email to us at LVigliotti@RinconConsultants.com within one week from the date of this transmittal.

1. Was the subject property or any adjoining property ever used as:

- | | |
|--|---|
| <input checked="" type="checkbox"/> an airport | <input checked="" type="checkbox"/> a Department of Defense facility or training area |
| <input type="checkbox"/> a fire training area | <input type="checkbox"/> a junkyard or landfill |
| <input type="checkbox"/> a gasoline or other fueling station | <input type="checkbox"/> a waste treatment, storage, disposal, processing or recycling facility |
| <input type="checkbox"/> a motor vehicle repair facility | <input type="checkbox"/> a machine shop |
| <input type="checkbox"/> a commercial printing facility | <input type="checkbox"/> a manufacturing facility |
| <input type="checkbox"/> a dry cleaners | <input type="checkbox"/> an oil production facility (including oil wells) |
| <input type="checkbox"/> a photo developing laboratory | <input type="checkbox"/> any other industrial use |
| <input type="checkbox"/> a metal plating facility | |
| <input type="checkbox"/> a farm | |

Please check all that apply above and describe:

2. Please describe the current land uses of the subject property and those surrounding your property. Please indicate all businesses/companies located on property.

2a. Current Use of Subject Property:

Please check all that apply: <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input checked="" type="checkbox"/> Other- Please Describe	Please include a brief description of current operation: Open Field and City of Santa Maria Water Well
---	---

2b. Current Use of Northern Adjoining Properties:

Please check all that apply: <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input checked="" type="checkbox"/> Other- Please Describe	Please include a brief description of current operation: Vocational Training Center
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Rincon Project Number: 23-14608

Site Name and Full Address: Santa Maria Airport Rezoning Project, Santa Maria

2c. Current Use of Eastern Adjoining Properties:

<p>Please check all that apply:</p> <p><input checked="" type="checkbox"/> Commercial (retail, offices, etc.)</p> <p><input type="checkbox"/> Residential (single family or apartments)</p> <p><input checked="" type="checkbox"/> Industrial (manufacturing, warehousing, processing)</p> <p><input type="checkbox"/> Other- Please Describe</p>	<p>Please include a brief description of current operation:</p> <p>Commercial and Industrial buildings</p>
---	--

2d. Current Use of Southern Adjoining Properties:

<p>Please check all that apply:</p> <p><input type="checkbox"/> Commercial (retail, offices, etc.)</p> <p><input type="checkbox"/> Residential (single family or apartments)</p> <p><input type="checkbox"/> Industrial (manufacturing, warehousing, processing)</p> <p><input checked="" type="checkbox"/> Other- Please Describe</p>	<p>Please include a brief description of current operation:</p> <p>Airport</p>
--	--

2e. Current Use of Western Adjoining Properties:

<p>Please check all that apply:</p> <p><input type="checkbox"/> Commercial (retail, offices, etc.)</p> <p><input type="checkbox"/> Residential (single family or apartments)</p> <p><input type="checkbox"/> Industrial (manufacturing, warehousing, processing)</p> <p><input type="checkbox"/> Other- Please Describe</p>	<p>Please include a brief description of current operation:</p> <p>Farming</p>
---	--

3. Please describe the previous land uses of your property and those surrounding your property. Include property ownership and dates of operation if known.

3a. Previous Use of Subject Property:

<p>Please check all that apply:</p> <p><input type="checkbox"/> Commercial (retail, offices, etc.)</p> <p><input type="checkbox"/> Residential (single family or apartments)</p> <p><input type="checkbox"/> Industrial (manufacturing, warehousing, processing)</p> <p><input checked="" type="checkbox"/> Other- Please Describe</p>	<p>Please include a brief description of current operation:</p> <p>Golf Course until 2018?, City Water Well, US Military barracks in 1940's</p>
--	---

3b. Previous Use of Northern Adjoining Properties:

<p>Please check all that apply:</p> <p><input type="checkbox"/> Commercial (retail, offices, etc.)</p> <p><input type="checkbox"/> Residential (single family or apartments)</p> <p><input type="checkbox"/> Industrial (manufacturing, warehousing, processing)</p> <p><input checked="" type="checkbox"/> Other- Please Describe</p>	<p>Please include a brief description of current operation:</p> <p>Vocational training</p>
--	--



Rincon Project Number: 23-14608
Site Name and Full Address: Santa Maria Airport Rezoning Project, Santa Maria

3c. Previous Use of Eastern Adjoining Properties:

Please check all that apply: <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input checked="" type="checkbox"/> Other- Please Describe	Please include a brief description of current operation: Commercial and Industrial buildings
---	---

3d. Previous Use of Southern Adjoining Properties:

Please check all that apply: <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input checked="" type="checkbox"/> Other- Please Describe	Please include a brief description of current operation: Airport since 1942
---	--

3e. Previous Use of Western Adjoining Properties:

Please check all that apply: <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input checked="" type="checkbox"/> Other- Please Describe	Please include a brief description of current operation: Farming and Airport
---	---

4. Who is the current owner of the property?

Santa Maria Public Airport

5. When did current ownership begin?

1964

6. What is the age of the on-site facility?

u/k

7. Who is the previous owner of the property?

City of Santa Maria/ County of Santa Barbara/ DOD

8. Please indicate the property's current:

Electrical service provider	PG&E
Natural Gas service provider	U/K
Water service provider	U/K
Sewer service provider	U/K
Solid waste hauler	City of Santa Maria



Rincon Project Number: 23-14608
Site Name and Full Address: Santa Maria Airport Rezoning Project, Santa Maria

9. To the best of your knowledge, has your facility previously or does your facility currently store or use any of the following in individual containers larger than 5 gallons in volume or 50 gallons in the aggregate? (if Yes or Unknown, include how many, type, and size)

<input type="checkbox"/> Damaged or discarded automotive or industrial batteries	no
<input type="checkbox"/> Paints	no
<input type="checkbox"/> Oils or solvents	no
<input type="checkbox"/> Motor vehicle fleet	no
<input type="checkbox"/> Pesticides or herbicides	no
<input type="checkbox"/> Other chemicals or hazardous substances	U/k at well site

10. Please indicate any wastes generated at the facility:

Hazardous Waste	Quantity	Disposal Method

11. Are there currently or to the best of your knowledge have there been previously, any industrial drums (typically 55 gallon) or sacks of chemicals located on the property or at the facility?

<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown	If Yes or Unknown, please describe:
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12. Are there currently or to the best of your knowledge have there been previously, any evidence of fill dirt having been brought onto the property that originated from a contaminated site or that is of an unknown origin?

<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	If Yes or Unknown, please describe: Fill dirt to fill a cement pond from the old golfcourse
--	--



Rincon Project Number: 23-14608

Site Name and Full Address: Santa Maria Airport Rezoning Project, Santa Maria

- 13. Are there currently or to the best of your knowledge have there been previously, any pits, ponds or lagoons located on the property in connection with waste treatment or waste disposal?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

- 14. Are there currently or to the best of your knowledge have there been previously, any sumps, clarifiers, or solvent degreasers on the property?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

- 15. Are there currently or to the best of your knowledge have there been previously, any stained soil on the property?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

- 16. Are there currently or to the best of your knowledge have there been previously, any storage tanks (above or below ground) located on the property?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

- 17. Are there currently or to the best of your knowledge have there been previously, any vent pipes, fill pipes, or access ways (etc.) indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

- 18. If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government agency?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	



Rincon Project Number: 23-14608

Site Name and Full Address: Santa Maria Airport Rezoning Project, Santa Maria

- 19. Are there currently or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water, or are emitting foul odors?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

- 20. To the best of your knowledge has your facility previously or does your facility currently, discharge wastewater on or adjacent to the property other than storm water into a sanitary sewer system?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

- 21. Have any of the following ever been dumped above grade, buried and/or burned on the property? (please check all that apply and describe if possible)**

<input type="checkbox"/> Hazardous substances	NO
<input type="checkbox"/> Petroleum products	NO
<input type="checkbox"/> Unidentified waste materials	NO
<input type="checkbox"/> Tires	NO
<input type="checkbox"/> Automotive or industrial batteries	NO
<input type="checkbox"/> Other waste materials (please describe)	NO

- 22. Are there currently or to the best of your knowledge have there been previously, a transformer, capacitor or any hydraulic equipment on the property?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input type="checkbox"/> No	
<input checked="" type="checkbox"/> Unknown	

- 23. Are there currently or to the best of your knowledge have there been previously any records indicating the presence of PCBs?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input type="checkbox"/> No	
<input checked="" type="checkbox"/> Unknown	



Rincon Project Number: 23-14608
Site Name and Full Address: Santa Maria Airport Rezoning Project, Santa Maria

24. Are there currently or to the best of your knowledge have there been previously any records indicating the presence of pesticides or herbicides?

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input type="checkbox"/> No	
<input checked="" type="checkbox"/> Unknown	

25. Do you have any knowledge of environmental liens that may have been recorded against the property or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

26. Do you have any knowledge of activity and use limitations (AULs) such as engineering controls, deed restrictions, land use restrictions, or institutional controls that may have been recorded against the property?

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input type="checkbox"/> No	
<input checked="" type="checkbox"/> Unknown	

27. Have you been informed of the past or current existence of hazardous substances, petroleum products, or environmental violations with respect to the property or any facility located on the property?

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

28. Do you have any knowledge of any environmental site assessments of the property or facility?

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input type="checkbox"/> No	
<input checked="" type="checkbox"/> Unknown	

29. Do you know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release of any hazardous substances or petroleum products involving the property by any owner or occupant of the property?

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	



Rincon Project Number: 23-14608
Site Name and Full Address: Santa Maria Airport Rezoning Project, Santa Maria

30. Are there any site-specific geotechnical or geologic reports available for the subject property?

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

31. Is there a Title Report available for the subject property?

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input type="checkbox"/> No	
<input checked="" type="checkbox"/> Unknown	

This questionnaire was completed by (please print)

Name Ric Tokoph
Title Operations Manager
Firm Santa Maria Airport
Street Address 3217 Terminal Dr
City, State, Zip Code Santa Maria, CA 93455
Phone Number 805-922-1726
Fax Number

What is the Preparer's relationship to the property (i.e., owner, occupant, property manager, employee, agent, consultant, etc.)? employee

Copies of the completed questionnaire should be faxed, emailed (preferably) or mailed to:

Rincon Consultants, Inc.
Attention: Environmental Site Assessment Division
2215 Faraday Avenue, Suite A
Carlsbad, CA 92008
Fax: (760) 918-9444
Email: LVigliotti@RinconConsultants.com

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's knowledge no material facts have been suppressed or misstated.

Signature _____ Date 6/15/23

User Questionnaire

Rincon Project Number: 23-14608
Site Name and Full Address: Santa Maria Airport Rezoning Project, Santa Maria

To qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the user must provide the following information to the environmental professional. Failure to conduct these inquiries could result in a determination that "all appropriate inquiries" is not complete.

We respectfully request that you fill out this form and email it to Lauren Vigliotti at LVigliotti@RinconConsultants.com within one week from the date of this transmittal.

Project Description

1. Why is the Phase I ESA required or being performed?

The City of Santa Maria requested the report as part of the Pre-Application review process for a rezoning of the property from Open Space to Light Manufacturing (M-1).

2. What type of property transaction is planned? (i.e. sale, purchase, exchange)

Airport District will be rezoning the property for marketing the site for light industrial development.

3. What is the entire site address?

1494 Fairway Drive, Santa Maria, CA 93455

4. What is the Assessor's Parcel Number(s)?

111-231-016

5. Are any considerations beyond the requirements of Practice E1527 to be considered? (i.e. lien search, asbestos & lead based paint, radon)

Unknown



Rincon Project Number: 23-14608
Site Name and Full Address: Santa Maria Airport Rezoning Project, Santa Maria

6. Identify all parties who will rely on the Phase I report.

City staff, Airport District staff, project consultant team, environmental review consultants, and future property owner/developer.

7. Identify the Site Manager/Contact and how the contact can be reached.

Ric Tokoph, Operations Manager (805) 922-1726
rtokoph@santamariaairport.com

8. Identify the Site Owner and how the owner can be reached.

Same as above.

9. Do you have copies of any available prior environmental site assessment reports, documents, correspondence, etc., concerning any other knowledge or experience with the property that may be pertinent to the environmental professional (i.e. lien search, title report, chain of title, previous Ph I and II ESAs, Environmental Impact Studies)?

No



Rincon Project Number: 23-14608

Site Name and Full Address: Santa Maria Airport Rezoning Project, Santa Maria

Subject Property Information

1. Did a search of recorded land title records (or judicial records, where appropriate) identify any environmental liens filed or recorded against the property?

Please mark the box with the most appropriate response:

- ☒ I **have not** reviewed the records and **do not know** if there are any filed or recorded environmental liens.
- ☐ I **have** reviewed the records, and **No, there aren't any** filed or recorded environmental liens.
- ☐ I **have** reviewed the records, and **Yes, there are** environmental liens. Explain:

2. Did a search of recorded land title records (or judicial records, where appropriate) identify any activity and land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?

Please mark the box with the most appropriate response:

- ☒ I **have not** reviewed the records and **do not know** if there are any filed/recorded AULs or any AULs in place at the site.
- ☐ I **have** reviewed the records, and **No, there aren't any** filed/recorded AULs or any AULs in place at the site.
- ☐ I **have** reviewed the records, and **Yes, there are** AULs filed, recorded, and/or in place at the site. Explain:

3. Does the Title Report provide any information pertaining to environmental cleanup liens or activity and use limitations (AULs) for the subject property?

Please mark the box with the most appropriate response:

- ☒ I **have not** reviewed the Title Report and **do not know** if it provides environmental cleanup liens or AULs information.
- ☐ I **have** reviewed the Title Report, and **No, it does not provide** environmental cleanup liens or AULs information..
- ☐ I **have** reviewed the Title Report, and **Yes, it does provide** environmental cleanup liens or AULs information. Explain:



Rincon Project Number: 23-14608

Site Name and Full Address: Santa Maria Airport Rezoning Project, Santa Maria

4. Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Please mark the box with the most appropriate response:

☒ **No, I do not** have any specialized knowledge and/or experience related to the property or nearby properties.

☐ **Yes, I do** have specialized knowledge and/or experience related to the property or nearby properties. Explain:

5. As the user of this ESA, based on your knowledge and experience related to the property, are you aware of any information pertaining to a reduction in value for the subject property relative to any known environmental issues?

Please mark the box with the most appropriate response:

☒ **No, I do not** have any information about a reduction in property value relative to environmental issues.

☐ **Yes, I do** have information about a reduction in property value relative to environmental issues. Explain:

6. Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

Please mark the box with the most appropriate response:

☐ **Yes, I do** believe the purchase price being paid for this property reasonably reflects the fair market value of the property. Skip to question #7.

☐ **No, I do not** believe the purchase price being paid for this property reasonably reflects the fair market value of the property. Proceed to question #6a.

- a. If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? (40 CFR 312.29)

Please mark the box with the most appropriate response

☐ **No, I have not** considered the idea that known or believed contamination at the site has caused the lower purchase price.

☐ **Yes, I have** considered the idea that known or believed contamination at the site has caused the lower purchase price. Explain:



Rincon Project Number: 23-14608

Site Name and Full Address: Santa Maria Airport Rezoning Project, Santa Maria

7. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:

Please mark the box with the most appropriate response:

- a. Do you know the past uses of the property?

☐ I **do not** know.

☒ I **do** know. Explain:

Golf course

- b. Do you know of specific chemicals are present or once were present at the property?

☒ I **do not** know.

☐ I **do** know. Explain:

- c. Do you know of any spills or other chemical releases that have taken place at the property?

☒ I **do not** know.

☐ I **do** know. Explain:

- d. Do you know of any environmental cleanups have taken place at the property?

☒ I **do not** know.

☐ I **do** know. Explain:

8. Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?

Please mark the box with the most appropriate response:

☒ **No**, I do not know and/or do not have any experience with any obvious indicators that point to the presence or likely presence of contamination at the property.

☐ **Yes**, I do know of and/or do have experience with obvious indicators that point to the presence or likely presence of contamination at the property. Explain:



Rincon Project Number: 23-14608

Site Name and Full Address: Santa Maria Airport Rezoning Project, Santa Maria

9. Are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site?

Please mark the box with the most appropriate response:

- ☒ **No**, I am not aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site.
- ☐ **Yes**, I am aware of pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site. Explain:

10. Are you aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site?

Please mark the box with the most appropriate response:

- ☒ **No**, I am not aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site.
- ☐ **Yes**, I am aware of pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site. Explain:

11. Are you aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

Please mark the box with the most appropriate response:

- ☒ **No**, I am not aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products..
- ☐ **Yes**, I am aware of a notice, or notices, from a government entity (or multiple government entities) regarding a possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products. Explain:



Rincon Project Number: 23-14608

Site Name and Full Address: Santa Maria Airport Rezoning Project, Santa Maria

This questionnaire was completed by (please print)

Name Pamela A. Ricci, AICP

Title Principal Planner

Firm RRM Design Group

Street Address 3765 South Higuera Street, Suite 102

City, State, Zip Code San Luis Obispo, CA 93401

Phone Number (805) 250-2840

Fax Number

What is the Preparer's relationship to the property (i.e., owner, occupant, property manager, employee, agent, consultant, etc.)? Planning consultant

Copies of the completed questionnaire should be faxed, emailed (preferably) or mailed to:

Rincon Consultants, Inc.

Attention: Environmental Site Assessment Division

2215 Faraday Avenue, Suite A

Carlsbad, CA 92008

Fax: (760) 918-9444

Email: LVigliotti@RinconConsultants.com

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's knowledge no material facts have been suppressed or misstated.

Signature _____

Date June 19, 2023

Appendix B

Regulatory Records Search

Santa Maria Airport

Not Reported

Santa Maria, CA 93455

Inquiry Number: 07360106.2r

June 09, 2023

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

NOT REPORTED
SANTA MARIA, CA 93455

COORDINATES

Latitude (North): 34.9136530 - 34° 54' 49.15"
Longitude (West): 120.4650310 - 120° 27' 54.11"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 731594.4
UTM Y (Meters): 3866203.8
Elevation: 213 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 12004665 SANTA MARIA, CA
Version Date: 2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140603
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
NOT REPORTED
SANTA MARIA, CA 93455

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	WELL 10S		PFAS	Higher	1 ft.
A2	VTC ENTERPRISES	2445 A STREET	RCRA NonGen / NLR, FINDS, ECHO	Higher	290, 0.055, NNE
A3	MATTI'S PARTS IMPORT	2410 A ST	CERS HAZ WASTE	Higher	454, 0.086, NNE
A4	MATTIS PARTS IMPORTS	2410 A ST	RCRA NonGen / NLR	Higher	454, 0.086, NNE
B5	HOMETOWN LTC PHARMAC	1450 W MCCOY LN STE	RCRA NonGen / NLR	Higher	583, 0.110, NE
B6	HOMETOWN LTC PHARMAC	1450 W MCCOY LN STE	CERS HAZ WASTE, HWTS	Higher	583, 0.110, NE
C7	HARDY DIAGNOSTICS	1430 W MCCOY LN	RCRA-LQG	Higher	844, 0.160, NE
C8	HARDY DIAGNOSTICS	1430 W MCCOY LN	CERS HAZ WASTE, CUPA Listings, EMI, CERS, HWTS	Higher	844, 0.160, NE
D9	ELLIS LOGISTICS	1424 FAIRWAY DR	RCRA NonGen / NLR	Higher	866, 0.164, East
D10	FEDEX GROUND ZSMA	1424 FAIRWAY DRIVE	CERS HAZ WASTE, NPDES, CERS	Higher	866, 0.164, East
D11	FEDEX GROUND - SANTA	1424 FAIRWAY DR	RCRA-SQG	Higher	866, 0.164, East
E12	HELENA AGRI ENTERPRI	2397 A ST	RCRA NonGen / NLR	Higher	981, 0.186, North
E13	TRUTEAM OF CALIFORNI	2393 A ST	RCRA NonGen / NLR	Higher	983, 0.186, North
E14	TRUTEAM - 268 - SANT	2393 A ST	CERS HAZ WASTE, CERS	Higher	983, 0.186, North
F15	ENERGY LINK INDUSTRI	1440 JASON WAY	RCRA NonGen / NLR	Higher	1156, 0.219, NNE
G16	PRINCE LIONHEART INC	2421 WESTGATE RD	RCRA NonGen / NLR	Higher	1177, 0.223, NE
G17	PRINCE LIONHEART	2421 S WESTGATE RD	CERS HAZ WASTE, CERS	Higher	1209, 0.229, NE
G18	PRINCE LIONHEART	2421 S WESTGATE RD	CUPA Listings	Higher	1209, 0.229, NE
19	AL AMERICAN DRILLING	2361 A ST	RCRA NonGen / NLR	Higher	1251, 0.237, North
G20	CETTI SERVICES UNLIM	1341 W MCCOY LN	RCRA NonGen / NLR	Higher	1271, 0.241, ENE
G21	CETTI SERVICES UNLIM	1341 W MCCOY LN	CERS HAZ WASTE, CERS	Higher	1271, 0.241, ENE
F22	DURANT HARVESTING IN	2350 A ST	RCRA NonGen / NLR	Higher	1290, 0.244, NNE
F23	DURANT HARVESTING, I	2350 A ST	CERS HAZ WASTE, CERS	Higher	1290, 0.244, NNE
H24	UNOCAL M. O'DONNELL	1500 W BETTERAVIA RO	CPS-SLIC, CERS	Higher	2175, 0.412, North
I25	UNOCAL LLOYD FEE	BETTERAVIA RD & A ST	CPS-SLIC	Higher	2237, 0.424, North
I26	UNOCAL M. O'DONNELL	W BETTERAVIA ROAD &	CPS-SLIC	Higher	2237, 0.424, North
H27	CHAN PROPERTY	1539 WEST BETTERAVIA	CPS-SLIC, CERS	Higher	2242, 0.425, North
J28	RUDOMETKIN NURSERY	1563 W BETTERAVIA RD	RCRA-SQG, HAULERS, FINDS, ECHO, HIST CORTESE	Higher	2292, 0.434, North
J29	RUDOMETKIN NURSERY	1563 BETTERAVIA RD W	LUST, Cortese, CERS	Higher	2292, 0.434, North
J30	COAST VACUUM TRUCK S	1565 BETTERAVIA RD E	LUST, Cortese, CERS	Higher	2308, 0.437, North
31	PEPSI-COLA BOTTLING	2345 THOMPSON WAY	LUST, Cortese, CUPA Listings, HIST CORTESE, CERS	Higher	2589, 0.490, NE
32	PACIFIC GAS & ELECTR	2445 S SKYWAY DRIVE	ENVIROSTOR	Higher	3065, 0.580, ENE
33	PIONEER VALLEY HIGH	MAIN STREET/FREMONT	ENVIROSTOR, SCH	Higher	3434, 0.650, East
34	SANTA BARBARA RESEAR	2100 S. BLOSSER RD.	RCRA-TSDF, ENVIROSTOR, CA FID UST, RCRA NonGen /...	Higher	4066, 0.770, NE
K35	WESTERN AIR LINES		FUDS	Higher	4701, 0.890, SSE
K36	WESTERN AIR LINES		ENVIROSTOR	Higher	4703, 0.891, SSE
37	VAN AFB-SAN MARIA AI		ENVIROSTOR	Higher	4844, 0.917, SSE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

EXECUTIVE SUMMARY

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE..... State Response Sites

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF..... Solid Waste Information System

Lists of state and tribal leaking storage tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing

UST..... Active UST Facilities

AST..... Aboveground Petroleum Storage Tank Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Cleanup Program Properties

Lists of state and tribal brownfield sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

HIST Cal-Sites..... Historical Calsites Database

SCH..... School Property Evaluation Program

EXECUTIVE SUMMARY

CDL..... Clandestine Drug Labs
Toxic Pits..... Toxic Pits Cleanup Act Sites
US CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

SWEEPS UST..... SWEEPS UST Listing
HIST UST..... Hazardous Substance Storage Container Database
CA FID UST..... Facility Inventory Database
CERS TANKS..... California Environmental Reporting System (CERS) Tanks

Local Land Records

LIENS..... Environmental Liens Listing
LIENS 2..... CERCLA Lien Information
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CHMIRS..... California Hazardous Material Incident Report System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS..... Incident and Accident Data
CONSENT..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV..... Indian Reservations
FUSRAP..... Formerly Utilized Sites Remedial Action Program
UMTRA..... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites

EXECUTIVE SUMMARY

US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
UXO.....	Unexploded Ordnance Sites
ECHO.....	Enforcement & Compliance History Information
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
PFAS NPL.....	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES.....	Federal Sites PFAS Information
PFAS TSCA.....	PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST.....	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR.....	PFAS Contamination Site Location Listing
PFAS WQP.....	Ambient Environmental Sampling for PFAS
PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS ECHO.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
AQUEOUS FOAM.....	Former Fire Training Facility Assessments Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
DRYCLEANERS.....	Cleaner Facilities
EMI.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
ICE.....	ICE
HWT.....	Registered Hazardous Waste Transporter Database
HAZNET.....	Facility and Manifest Data
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
HAZMAT.....	Hazardous Material Facilities
UIC.....	UIC Listing
UIC GEO.....	UIC GEO (GEOTRACKER)
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
WDR.....	Waste Discharge Requirements Listing
CIWQS.....	California Integrated Water Quality System
CERS.....	CERS
NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)
PFAS TRIS.....	List of PFAS Added to the TRI
MINES MRDS.....	Mineral Resources Data System
HWTS.....	Hazardous Waste Tracking System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
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EXECUTIVE SUMMARY

EDR Hist Auto..... EDR Exclusive Historical Auto Stations
EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF..... Recovered Government Archive Solid Waste Facilities List
RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA generators

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/06/2023 has revealed that there is 1 RCRA-LQG site within approximately 1 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HARDY DIAGNOSTICS EPA ID:: CAL000063040	1430 W MCCOY LN	NE 1/8 - 1/4 (0.160 mi.)	C7	32

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/06/2023 has revealed that there is 1 RCRA-SQG site within approximately 1 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FEDEX GROUND - SANTA EPA ID:: CAR000285221	1424 FAIRWAY DR	E 1/8 - 1/4 (0.164 mi.)	D11	45

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 01/23/2023 has revealed that there are 5 ENVIROSTOR sites within approximately 1 of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC GAS & ELECTR Facility Id: 42490018 Status: Refer: Other Agency	2445 S SKYWAY DRIVE	ENE 1/2 - 1 (0.580 mi.)	32	105
PIONEER VALLEY HIGH Facility Id: 42010006 Status: Certified	MAIN STREET/FREMONT	E 1/2 - 1 (0.650 mi.)	33	107
SANTA BARBARA RESEAR Facility Id: 60001350 Status: Inactive - Needs Evaluation	2100 S. BLOSSER RD.	NE 1/2 - 1 (0.770 mi.)	34	112
WESTERN AIR LINES Facility Id: 80000368 Status: Inactive - Needs Evaluation		SSE 1/2 - 1 (0.891 mi.)	K36	135
VAN AFB-SAN MARIA AI Facility Id: 80000502 Status: Inactive - Needs Evaluation		SSE 1/2 - 1 (0.917 mi.)	37	136

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 3 LUST sites within approximately 1 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RUDOMETKIN NURSERY Database: LUST REG 3, Date of Government Version: 05/19/2003 Database: LUST, Date of Government Version: 03/06/2023	1563 BETTERAVIA RD W	N 1/4 - 1/2 (0.434 mi.)	J29	90

EXECUTIVE SUMMARY

Status: Completed - Case Closed

Status: Case Closed

Global Id: T0608300743

Global ID: T0608300743

COAST VACUUM TRUCK S **1565 BETTERAVIA RD E** **N 1/4 - 1/2 (0.437 mi.)** **J30** **94**

Database: LUST REG 3, Date of Government Version: 05/19/2003

Database: LUST, Date of Government Version: 03/06/2023

Status: Completed - Case Closed

Status: Case Closed

Global Id: T0608300515

Global ID: T0608300515

PEPSI-COLA BOTTLING **2345 THOMPSON WAY** **NE 1/4 - 1/2 (0.490 mi.)** **31** **98**

Database: LUST REG 3, Date of Government Version: 05/19/2003

Database: LUST, Date of Government Version: 03/06/2023

Status: Completed - Case Closed

Status: Case Closed

Global Id: T0608300721

Global ID: T0608300721

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 4 CPS-SLIC sites within approximately 1 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
UNOCAL M. O'DONNELL	1500 W BETTERAVIA RO	N 1/4 - 1/2 (0.412 mi.)	H24	82
Database: CPS-SLIC, Date of Government Version: 03/06/2023				
Facility Status: Open - Site Assessment				
Global Id: T10000020019				
UNOCAL LLOYD FEE	BETTERAVIA RD & A ST	N 1/4 - 1/2 (0.424 mi.)	I25	83
Database: CPS-SLIC, Date of Government Version: 03/06/2023				
Facility Status: Completed - Case Closed				
Global Id: T10000012516				
UNOCAL M. O'DONNELL	W BETTERAVIA ROAD &	N 1/4 - 1/2 (0.424 mi.)	I26	84
Database: CPS-SLIC, Date of Government Version: 03/06/2023				
Facility Status: Completed - Case Closed				
Global Id: T10000020020				
CHAN PROPERTY	1539 WEST BETTERAVIA	N 1/4 - 1/2 (0.425 mi.)	H27	85
Database: CPS-SLIC, Date of Government Version: 03/06/2023				
Facility Status: Completed - Case Closed				
Global Id: T10000005124				

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 01/05/2023 has revealed that there are 8 CERS HAZ WASTE sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MATTI'S PARTS IMPORT	2410 A ST	NNE 0 - 1/8 (0.086 mi.)	A3	21
HOMETOWN LTC PHARMAC	1450 W MCCOY LN STE	NE 0 - 1/8 (0.110 mi.)	B6	29
HARDY DIAGNOSTICS	1430 W MCCOY LN	NE 1/8 - 1/4 (0.160 mi.)	C8	35
FEDEX GROUND ZSMA	1424 FAIRWAY DRIVE	E 1/8 - 1/4 (0.164 mi.)	D10	42
TRUTEAM - 268 - SANT	2393 A ST	N 1/8 - 1/4 (0.186 mi.)	E14	53
PRINCE LIONHEART	2421 S WESTGATE RD	NE 1/8 - 1/4 (0.229 mi.)	G17	61
CETTI SERVICES UNLIM	1341 W MCCOY LN	ENE 1/8 - 1/4 (0.241 mi.)	G21	70
DURANT HARVESTING, I	2350 A ST	NNE 1/8 - 1/4 (0.244 mi.)	F23	76

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/06/2023 has revealed that there are 11 RCRA NonGen / NLR sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VTC ENTERPRISES EPA ID:: CAD981578628	2445 A STREET	NNE 0 - 1/8 (0.055 mi.)	A2	17
MATTIS PARTS IMPORTS EPA ID:: CAL000288621	2410 A ST	NNE 0 - 1/8 (0.086 mi.)	A4	25
HOMETOWN LTC PHARMAC EPA ID:: CAL000438255	1450 W MCCOY LN STE	NE 0 - 1/8 (0.110 mi.)	B5	27
ELLIS LOGISTICS EPA ID:: CAC003207314	1424 FAIRWAY DR	E 1/8 - 1/4 (0.164 mi.)	D9	39
HELENA AGRI ENTERPRI EPA ID:: CAL000386332	2397 A ST	N 1/8 - 1/4 (0.186 mi.)	E12	48
TRUTEAM OF CALIFORNI EPA ID:: CAL000439880	2393 A ST	N 1/8 - 1/4 (0.186 mi.)	E13	51
ENERGY LINK INDUSTRI EPA ID:: CAL000386900	1440 JASON WAY	NNE 1/8 - 1/4 (0.219 mi.)	F15	57
PRINCE LIONHEART INC	2421 WESTGATE RD	NE 1/8 - 1/4 (0.223 mi.)	G16	59

EXECUTIVE SUMMARY

EPA ID:: CAL000456844				
AL AMERICAN DRILLING	2361 A ST	N 1/8 - 1/4 (0.237 mi.)	19	66
EPA ID:: CAL000457124				
CETTI SERVICES UNLIM	1341 W MCCOY LN	ENE 1/8 - 1/4 (0.241 mi.)	G20	68
EPA ID:: CAL000367592				
DURANT HARVESTING IN	2350 A ST	NNE 1/8 - 1/4 (0.244 mi.)	F22	74
EPA ID:: CAL000383916				

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 02/01/2023 has revealed that there is 1 FUDS site within approximately 1 of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WESTERN AIR LINES		SSE 1/2 - 1 (0.890 mi.)	K35	134

PFAS: A listing of PFAS contaminated sites included in the GeoTracker database.

A review of the PFAS list, as provided by EDR, and dated 03/06/2023 has revealed that there is 1 PFAS site within approximately 1 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WELL 10S		0 - 1/8 (0.000 mi.)	1	9

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 03/20/2023 has revealed that there are 3 Cortese sites within approximately 1 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RUDOMETKIN NURSERY Cleanup Status: COMPLETED - CASE CLOSED	1563 BETTERAVIA RD W	N 1/4 - 1/2 (0.434 mi.)	J29	90
COAST VACUUM TRUCK S Cleanup Status: COMPLETED - CASE CLOSED	1565 BETTERAVIA RD E	N 1/4 - 1/2 (0.437 mi.)	J30	94
PEPSI-COLA BOTTLING Cleanup Status: COMPLETED - CASE CLOSED	2345 THOMPSON WAY	NE 1/4 - 1/2 (0.490 mi.)	31	98

CUPA Listings: A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

A review of the CUPA Listings list, as provided by EDR, has revealed that there are 2 CUPA Listings

EXECUTIVE SUMMARY

sites within approximately 1 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HARDY DIAGNOSTICS Database: CUPA SANTA BARBARA, Date of Government Version: 09/08/2011 Facility Id: FA0004219 Current Status: 1	1430 W MCCOY LN	NE 1/8 - 1/4 (0.160 mi.)	C8	35
PRINCE LIONHEART Database: CUPA SANTA BARBARA, Date of Government Version: 09/08/2011 Facility Id: FA0004926 Current Status: 1 Current Status: 2	2421 S WESTGATE RD	NE 1/8 - 1/4 (0.229 mi.)	G18	65

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 2 HIST CORTESE sites within approximately 1 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RUDOMETKIN NURSERY Reg Id: 880	1563 W BETTERAVIA RD	N 1/4 - 1/2 (0.434 mi.)	J28	86
PEPSI-COLA BOTTLING Reg Id: 766	2345 THOMPSON WAY	NE 1/4 - 1/2 (0.490 mi.)	31	98

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 02/13/2023 has revealed that there is 1 HWP site within approximately 1 of the target property.

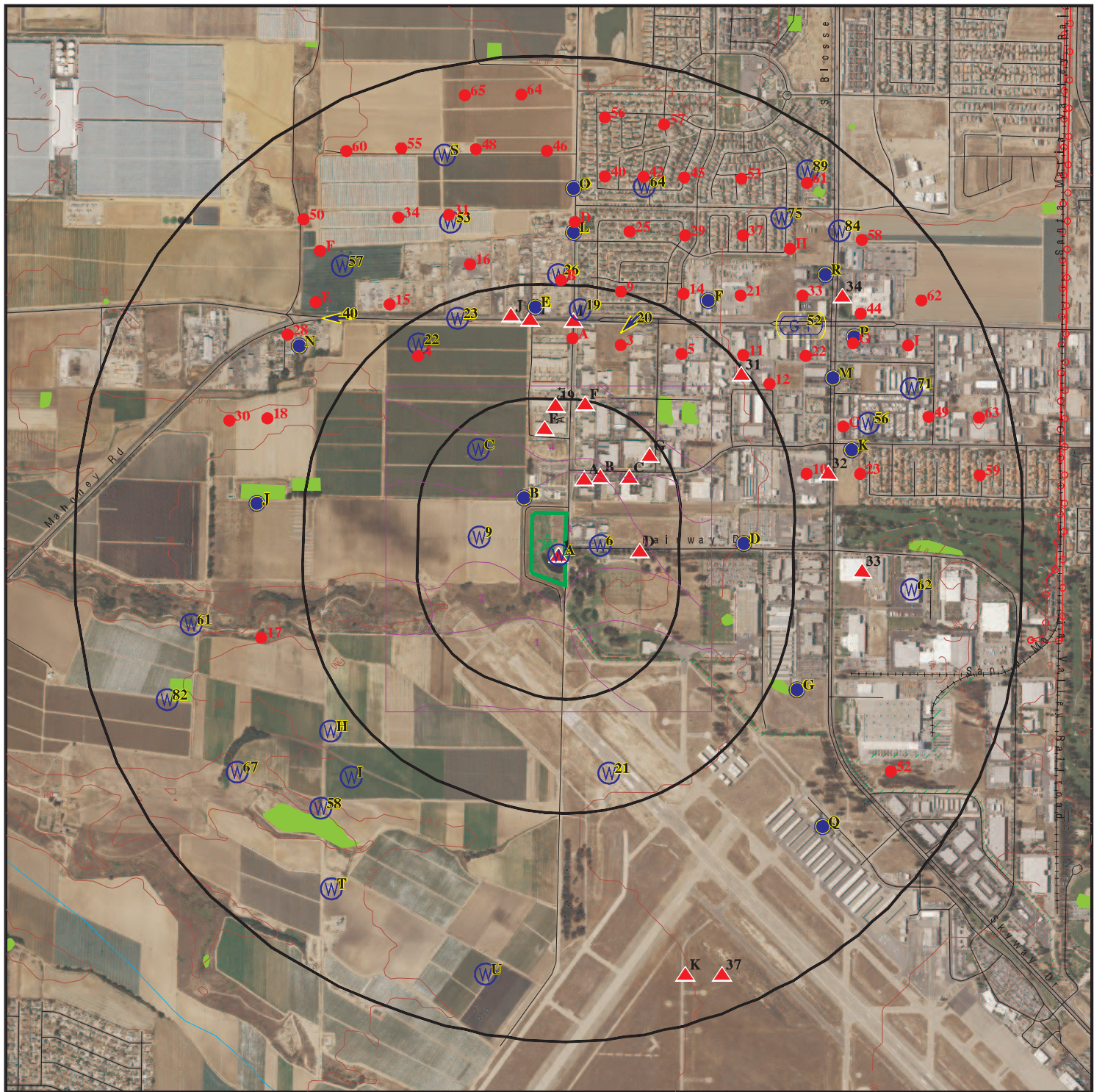
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SANTA BARBARA RESEAR EPA ID: CAD981385073 Cleanup Status: CLOSED	2100 S. BLOSSER RD.	NE 1/2 - 1 (0.770 mi.)	34	112

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 6 records.

<u>Site Name</u>	<u>Database(s)</u>
HELENA AGRI-ENTERPRISES, LLC	CERS HAZ WASTE
UNOCAL PADEREWSKI LEASE	CPS-SLIC
ENOS 2-23 OIL WELL	CPS-SLIC
UNOCAL VICENTE LEASE LOT # 8	CPS-SLIC
VICENTE LEASE WELLHEADS	CPS-SLIC
SANTA MARIA AIRPORT PROPERTY	RGA LF

OVERVIEW MAP - 07360106.2R



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Santa Maria Airport
ADDRESS: Not Reported
Santa Maria CA 93455
LAT/LONG: 34.913653 / 120.465031

CLIENT: Rincon
CONTACT: Lauren Vigliotti
PROJECT #: 07360106.2r
DATE: June 09, 2023 1:18 pm

DETAIL MAP - 07360106.2R



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites



- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Santa Maria Airport
 ADDRESS: Not Reported
 Santa Maria CA 93455
 LAT/LONG: 34.913653 / 120.465031

CLIENT: Rincon
 CONTACT: Lauren Vigliotti
 INQUIRY #: 07360106.2r
 DATE: June 09, 2023 1:21 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		0	1	NR	NR	NR	1
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>Lists of state- and tribal (Superfund) equivalent sites</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
ENVIROSTOR	1.000		0	0	0	5	NR	5
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<i>Lists of state and tribal leaking storage tanks</i>								
LUST	0.500		0	0	3	NR	NR	3
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	4	NR	NR	4
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		2	6	NR	NR	NR	8
US CDL	0.001		0	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		3	8	NR	NR	NR	11
FUDS	1.000		0	0	0	1	NR	1
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
PFAS	0.250		1	0	NR	NR	NR	1
AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	3	NR	NR	3
CUPA Listings	0.250		0	2	NR	NR	NR	2
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	2	NR	NR	2
HWP	1.000		0	0	0	1	NR	1
HWT	0.250		0	0	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
---------	-------	--	---	---	---	---	----	---

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	6	18	12	7	0	43

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

1 WELL 10S PFAS S127520785
N/A

< 1/8
1 ft. SANTA MARIA, CA

Relative:
Higher

Actual:
214 ft.

PFAS:

Name: WELL 10S
Address: Not reported
City,State,Zip: SANTA MARIA, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0604210011
Facility Region: Not reported
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: CA4210011_010_010
Matrix: Liquid
Chemical: PFTEDA
Qualifier: <
Value: 2
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 11/20/2019
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.913312
Longitude: -120.464614
Geo Tracker URL: Not reported

Name: WELL 10S
Address: Not reported
City,State,Zip: SANTA MARIA, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0604210011
Facility Region: Not reported
Lead Agency: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WELL 10S (Continued)

S127520785

Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: CA4210011_010_010
Matrix: Liquid
Chemical: PFOA
Qualifier: =
Value: 2.1
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 2/12/2020
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.913312
Longitude: -120.464614
Geo Tracker URL: Not reported

Name: WELL 10S
Address: Not reported
City,State,Zip: SANTA MARIA, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0604210011
Facility Region: Not reported
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: CA4210011_010_010
Matrix: Liquid
Chemical: PFNA
Qualifier: <
Value: 1.7

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WELL 10S (Continued)

S127520785

Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 8/28/2019
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.913312
Longitude: -120.464614
Geo Tracker URL: Not reported

Name: WELL 10S
Address: Not reported
City,State,Zip: SANTA MARIA, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0604210011
Facility Region: Not reported
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: CA4210011_010_010
Matrix: Liquid
Chemical: PFDOA
Qualifier: <
Value: 2
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 11/20/2019
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.913312
Longitude: -120.464614
Geo Tracker URL: Not reported

Name: WELL 10S
Address: Not reported
City,State,Zip: SANTA MARIA, CA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WELL 10S (Continued)

S127520785

Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0604210011
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA4210011_010_010
Matrix:	Liquid
Chemical:	NETFOSAA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	8/28/2019
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.913312
Longitude:	-120.464614
Geo Tracker URL:	Not reported

Name:	WELL 10S
Address:	Not reported
City,State,Zip:	SANTA MARIA, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0604210011
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WELL 10S (Continued)

S127520785

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: CA4210011_010_010
Matrix: Liquid
Chemical: PFBSA
Qualifier: <
Value: 2
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 11/20/2019
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.913312
Longitude: -120.464614
Geo Tracker URL: Not reported

Name: WELL 10S
Address: Not reported
City,State,Zip: SANTA MARIA, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0604210011
Facility Region: Not reported
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: CA4210011_010_010
Matrix: Liquid
Chemical: PFNA
Qualifier: <
Value: 2
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 2/12/2020
Field Pt Class: PUBW
Site Use: Drinking Water Wells

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WELL 10S (Continued)

S127520785

Site Type:	DDW Well
Latitude:	34.913312
Longitude:	-120.464614
Geo Tracker URL:	Not reported
Name:	WELL 10S
Address:	Not reported
City,State,Zip:	SANTA MARIA, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0604210011
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA4210011_010_010
Matrix:	Liquid
Chemical:	NMEFOSAA
Qualifier:	<
Value:	2
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	11/20/2019
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.913312
Longitude:	-120.464614
Geo Tracker URL:	Not reported
Name:	WELL 10S
Address:	Not reported
City,State,Zip:	SANTA MARIA, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0604210011
Facility Region:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WELL 10S (Continued)

S127520785

Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA4210011_010_010
Matrix:	Liquid
Chemical:	PFOS
Qualifier:	<
Value:	2
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	2/12/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.913312
Longitude:	-120.464614
Geo Tracker URL:	Not reported
Name:	WELL 10S
Address:	Not reported
City,State,Zip:	SANTA MARIA, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0604210011
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA4210011_010_010
Matrix:	Liquid
Chemical:	HFFA-DA
Qualifier:	<

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WELL 10S (Continued)

S127520785

Value: 5
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 11/20/2019
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.913312
Longitude: -120.464614
Geo Tracker URL: Not reported

Name: WELL 10S
Address: Not reported
City,State,Zip: SANTA MARIA, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0604210011
Facility Region: Not reported
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: CA4210011_010_010
Matrix: Liquid
Chemical: ADONA
Qualifier: <
Value: 2
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 11/20/2019
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.913312
Longitude: -120.464614
Geo Tracker URL: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WELL 10S (Continued)

S127520785

[Click this hyperlink](#) while viewing on your computer to access
44 additional CA PFAS: record(s) in the EDR Site Report.

A2
NNE
< 1/8
0.055 mi.
290 ft.

VTC ENTERPRISES
2445 A STREET
SANTA MARIA, CA 93456

RCRA NonGen / NLR
FINDS
ECHO

1000159388
CAD981578628

Site 1 of 3 in cluster A

Relative:
Higher

Actual:
213 ft.

RCRA Listings:

Date Form Received by Agency:	20150225
Handler Name:	Vtc Enterprises
Handler Address:	2445 A STREET
Handler City,State,Zip:	SANTA MARIA, CA 93456
EPA ID:	CAD981578628
Contact Name:	JASON S TELANDER
Contact Address:	PO BOX 1187
Contact City,State,Zip:	SANTA MARIA, CA 93456
Contact Telephone:	805-928-5000 324
Contact Fax:	805-922-9359
Contact Email:	JTELANDER@VTC-SM.ORG
Contact Title:	CEO
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Ca
State District:	3
Mailing Address:	PO BOX 1187
Mailing City,State,Zip:	SANTA MARIA, CA 93456
Owner Name:	Vtc Enterprises
Owner Type:	Private
Operator Name:	Vtc Enterprises
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VTC ENTERPRISES (Continued)

1000159388

Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150302
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VOCATIONAL TRAINING CENTER SANTA MARIA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VTC ENTERPRISES
Legal Status:	Private
Date Became Current:	19620115
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VTC ENTERPRISES (Continued)

1000159388

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VTC ENTERPRISES
Legal Status:	Private
Date Became Current:	19620115
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1187
Owner/Operator City,State,Zip:	SANTA MARIA, CA 93456
Owner/Operator Telephone:	805-928-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960901
Handler Name:	VOCATIONAL TRAINING CENTER SANTA MARIA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Ca
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19860922
Handler Name:	VOCATIONAL TRAINING CENTER SANTA MARIA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Ca
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20150225
Handler Name:	VTC ENTERPRISES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Ca
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	62412
NAICS Description:	SERVICES FOR THE ELDERLY AND PERSONS WITH DISABILITIES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VTC ENTERPRISES (Continued)

1000159388

NAICS Code: 62431
NAICS Description: VOCATIONAL REHABILITATION SERVICES

Has the Facility Received Notices of Violations:

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 20151210
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VTC ENTERPRISES (Continued)

1000159388

FINDS:

Registry ID: 110008270101

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000159388
Registry ID: 110008270101
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110008270101>
Name: VTC ENTERPRISES
Address: 2445 A STREET
City,State,Zip: SANTA MARIA, CA 93456

A3
NNE
< 1/8
0.086 mi.
454 ft.

MATTI'S PARTS IMPORT
2410 A ST
SANTA MARIA, CA 93455
Site 2 of 3 in cluster A

CERS HAZ WASTE **S121765131**
N/A

Relative:
Higher

CERS HAZ WASTE:

Actual:
213 ft.

Name: MATTI'S PARTS IMPORT
Address: 2410 A ST
City,State,Zip: SANTA MARIA, CA 93455
Site ID: 355004
CERS ID: 10637047
CERS Description: Hazardous Waste Generator

Violations:

Site ID: 355004
Site Name: Matti's Parts Import
Violation Date: 06-30-2015
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 06/30/2015.
Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HW
Violation Source: CERS,

Site ID: 355004
Site Name: Matti's Parts Import
Violation Date: 06-30-2015
Citation: HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MATTI'S PARTS IMPORT (Continued)

S121765131

quantities. A change of business address, business ownership, or business name.
Returned to compliance on 07/16/2015.

Violation Notes: Santa Barbara County Environmental Health Services
Violation Division: HMRRP
Violation Program: CERS,
Violation Source:

Site ID: 355004
Site Name: Matti's Parts Import
Violation Date: 06-30-2015
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 07/20/2015.
Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 355004
Site Name: Matti's Parts Import
Violation Date: 06-30-2015
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 06/30/2015.
Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HW
Violation Source: CERS,

Site ID: 355004
Site Name: Matti's Parts Import
Violation Date: 06-30-2015
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 07/20/2015.
Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-30-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-25-2022
Violations Found: No
Eval Type: Routine done by local agency

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MATTI'S PARTS IMPORT (Continued)

S121765131

Eval Notes: Removed from HMBP program
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-29-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: HMBP inspection. Matti's Parts Import - 2410 A Street, Santa Maria.
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-30-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-25-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Passed
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-29-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: HWG inspection. Matti's Parts Import - 2410 A Street, Santa Maria.
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 355004
Facility Name: Matti's Parts Import
Env Int Type Code: HWG
Program ID: 10637047
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 34.915730
Longitude: -120.463620

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: HINRI MATTI
Entity Title: Not reported
Affiliation Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MATTI'S PARTS IMPORT (Continued)

S121765131

Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Hinri Matti
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Hinri Matti
Entity Title: Not reported
Affiliation Address: 2410 A St
Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93455
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Matti's Parts Import
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (805) 928-1449,

Affiliation Type Desc: Parent Corporation
Entity Name: Matti's Parts Import
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2410 A St
Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93455
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MATTI'S PARTS IMPORT (Continued)

S121765131

Entity Name: Hinri Matti
Entity Title: Not reported
Affiliation Address: 2410 A St
Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93455
Affiliation Phone: (805) 928-1449,

Affiliation Type Desc: CUPA District
Entity Name: Santa Barbara County Env Health
Entity Title: Not reported
Affiliation Address: 225 Camino del Remedio
Affiliation City: Santa Barbara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93110
Affiliation Phone: (805) 681-4927,

A4
NNE
< 1/8
0.086 mi.
454 ft.

MATTIS PARTS IMPORTS INC
2410 A ST
SANTA MARIA, CA 93455

RCRA NonGen / NLR

1024810237
CAL000288621

Site 3 of 3 in cluster A

Relative:
Higher
Actual:
213 ft.

RCRA Listings:
Date Form Received by Agency: 20041202
Handler Name: Mattis Parts Imports Inc
Handler Address: 2410 A ST
Handler City,State,Zip: SANTA MARIA, CA 93455
EPA ID: CAL000288621
Contact Name: HINRI MATTI
Contact Address: 935 WAYPOINT DR
Contact City,State,Zip: NIPOMO, CA 93444
Contact Telephone: 805-928-1449
Contact Fax: 805-928-0852
Contact Email: MPIHINRI@VERIZON.NET
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 2410 A ST
Mailing City,State,Zip: SANTA MARIA, CA 93455-0000
Owner Name: Matti'S Parts Imports
Owner Type: Other
Operator Name: Hinri Matti
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MATTIS PARTS IMPORTS INC (Continued)

1024810237

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: MATTI'S PARTS IMPORTS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2410 A ST
Owner/Operator City,State,Zip:	SANTA MARIA, CA 93455-0000
Owner/Operator Telephone:	805-928-1449
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: HINRI MATTI	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	935 WAYPOINT DR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MATTIS PARTS IMPORTS INC (Continued)

1024810237

Owner/Operator City,State,Zip: NIPOMO, CA 93444
Owner/Operator Telephone: 805-928-1449
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20041202
Handler Name: MATTIS PARTS IMPORTS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

B5
NE
< 1/8
0.110 mi.
583 ft.

HOMETOWN LTC PHARMACY INC. DBA HOMETOWN LTC PHARMA
1450 W MCCOY LN STE B
SANTA MARIA, CA 93455
Site 1 of 2 in cluster B

RCRA NonGen / NLR 1024869637
CAL000438255

Relative:
Higher

Actual:
216 ft.

RCRA Listings:
Date Form Received by Agency: 20180810
Handler Name: Hometown Ltc Pharmacy Inc. DbA Hometown Ltc Pharmacy
Handler Address: 1450 W MCCOY LN STE B
Handler City,State,Zip: SANTA MARIA, CA 93455
EPA ID: CAL000438255
Contact Name: JOSEPH ABRAHAM
Contact Address: 1450 W MCCOY LN STE B
Contact City,State,Zip: SANTA MARIA, CA 93455
Contact Telephone: 805-928-2200
Contact Fax: 805-928-6200
Contact Email: MANAGER@SANTAMARIA.X.ORG
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOMETOWN LTC PHARMACY INC. DBA HOMETOWN LTC PHARMACY (Continued)

1024869637

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1450 W MCCOY LN STE B
Mailing City,State,Zip:	SANTA MARIA, CA 93455
Owner Name:	Joseph Abraham
Owner Type:	Other
Operator Name:	Joseph Abraham
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:

Owner/Operator Name: JOSEPH ABRAHAM

Legal Status:

Date Became Current:

Date Ended Current:

Operator

Other

Not reported

Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOMETOWN LTC PHARMACY INC. DBA HOMETOWN LTC PHARMACY (Continued)

1024869637

Owner/Operator Address: 1450 W MCCOY LN STE B
Owner/Operator City,State,Zip: SANTA MARIA, CA 93455
Owner/Operator Telephone: 805-928-2200
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JOSEPH ABRAHAM
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1450 W MCCOY LN STE B
Owner/Operator City,State,Zip: SANTA MARIA, CA 93455
Owner/Operator Telephone: 805-748-4440
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20180810
Handler Name: HOMETOWN LTC PHARMACY INC. DBA HOMETOWN LTC PHARMACY
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 325412
NAICS Description: PHARMACEUTICAL PREPARATION MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

B6
NE
< 1/8
0.110 mi.
583 ft.

HOMETOWN LTC PHARMACY INC. DBA HOMETOWN LTC PHARMA
1450 W MCCOY LN STE B
SANTA MARIA, CA 93455
Site 2 of 2 in cluster B

CERS HAZ WASTE
HWTS
S124924709
N/A

Relative:
Higher
Actual:
216 ft.

CERS HAZ WASTE:
Name: HOMETOWN LTC PHARMACY
Address: 1450 W MCCOY LN STE B
City,State,Zip: SANTA MARIA, CA 93455
Site ID: 566697
CERS ID: 10766458

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOMETOWN LTC PHARMACY INC. DBA HOMETOWN LTC PHARMACY (Continued)

S124924709

CERS Description: Hazardous Waste Generator

Violations:

Site ID: 566697

Site Name: Hometown LTC Pharmacy

Violation Date: 06-18-2020

Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 10/14/2021.

Violation Division: Santa Barbara County Environmental Health Services

Violation Program: HW

Violation Source: CERS,

Evaluation:

Eval General Type: Other/Unknown

Eval Date: 10-14-2021

Violations Found: No

Eval Type: Other, not routine, done by local agency

Eval Notes: Hazardous waste generator follow-up inspection for open violation.

Eval Division: Santa Barbara County Environmental Health Services

Eval Program: HW

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Eval Date: 06-18-2020

Violations Found: Yes

Eval Type: Routine done by local agency

Eval Notes: CERS Help, Facility walk through.

Eval Division: Santa Barbara County Environmental Health Services

Eval Program: HW

Eval Source: CERS,

Affiliation:

Affiliation Type Desc: CUPA District

Entity Name: Santa Barbara County Env Health

Entity Title: Not reported

Affiliation Address: 225 Camino del Remedio

Affiliation City: Santa Barbara

Affiliation State: CA

Affiliation Country: Not reported

Affiliation Zip: 93110

Affiliation Phone: (805) 681-4927,

Affiliation Type Desc: Document Preparer

Entity Name: Joseph Abraham

Entity Title: Not reported

Affiliation Address: Not reported

Affiliation City: Not reported

Affiliation State: Not reported

Affiliation Country: Not reported

Affiliation Zip: Not reported

Affiliation Phone: ,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOMETOWN LTC PHARMACY INC. DBA HOMETOWN LTC PHARMACY (Continued)

S124924709

Affiliation Type Desc: Environmental Contact
Entity Name: Jessica Nicole Ramos
Entity Title: Not reported
Affiliation Address: 1450 W McCoy Lane Suite B
Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93455
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Hometown LTC Pharmacy
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (805) 928-2200,

Affiliation Type Desc: Parent Corporation
Entity Name: Hometown LTC Pharmacy
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1450 W McCoy Lane Suite B
Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93455
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Joseph Abraham
Entity Title: Owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Joseph Abraham
Entity Title: Not reported
Affiliation Address: 5865 Quail CT
Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: United States

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOMETOWN LTC PHARMACY INC. DBA HOMETOWN LTC PHARMACY (Continued)

S124924709

Affiliation Zip: 93455
Affiliation Phone: (805) 748-4440,

HWTS:

Name: HOMETOWN LTC PHARMACY INC. DBA HOMETOWN LTC PHARMACY
Address: 1450 W MCCOY LN STE B
Address 2: Not reported
City,State,Zip: SANTA MARIA, CA 93455
EPA ID: CAL000438255
Inactive Date: 06/30/2020
Create Date: 08/10/2018
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1450 W MCCOY LN STE B
Mailing Address 2: Not reported
Mailing City,State,Zip: SANTA MARIA, CA 93455
Owner Name: JOSEPH ABRAHAM
Owner Address: 1450 W MCCOY LN STE B
Owner Address 2: Not reported
Owner City,State,Zip: SANTA MARIA, CA 93455
Contact Name: JOSEPH ABRAHAM
Contact Address: 1450 W MCCOY LN STE B
Contact Address 2: Not reported
City,State,Zip: SANTA MARIA, CA 93455
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 34.915446
Longitude: -120.463002

NAICS:

EPA ID: CAL000438255
Create Date: 2018-08-10 13:22:39.210
NAICS Code: 325412
NAICS Description: Pharmaceutical Preparation Manufacturing
Issued EPA ID Date: 2018-08-10 13:22:39.21000
Inactive Date: 2020-06-30 00:00:00
Facility Name: HOMETOWN LTC PHARMACY INC. DBA HOMETOWN LTC PHARMACY
Facility Address: 1450 W MCCOY LN STE B
Facility Address 2: Not reported
Facility City: SANTA MARIA
Facility County: Not reported
Facility State: CA
Facility Zip: 93455

C7
NE
1/8-1/4
0.160 mi.
844 ft.

HARDY DIAGNOSTICS
1430 W MCCOY LN
SANTA MARIA, CA 93455
Site 1 of 2 in cluster C

RCRA-LQG 1016954108
CAL000063040

Relative:
Higher
Actual:
216 ft.

RCRA Listings:
Date Form Received by Agency: 20140301
Handler Name: Hardy Diagnostics
Handler Address: 1430 W MCCOY LN
Handler City,State,Zip: SANTA MARIA, CA 93455-1005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARDY DIAGNOSTICS (Continued)

1016954108

EPA ID:	CAL000063040
Contact Name:	SUSAN D PRUETT
Contact Address:	W MCCOY LN
Contact City,State,Zip:	SANTA MARIA, CA 93455-1005
Contact Telephone:	805-346-2766 x5608
Contact Fax:	Not reported
Contact Email:	PRUETTS@HARDYDIAGNOSTICS.COM
Contact Title:	REG AFFAIRS ASSOC
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2013
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	W MCCOY LN
Mailing City,State,Zip:	SANTA MARIA, CA 93455-1005
Owner Name:	Jay Hardy
Owner Type:	Private
Operator Name:	Jay Hardy
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20141120
Recognized Trader-Importer:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARDY DIAGNOSTICS (Continued)

1016954108

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2013

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

Waste Code: D009
Waste Description: Mercury

Waste Code: D010
Waste Description: Selenium

Waste Code: F003
Waste Description: The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: P105
Waste Description: Sodium Azide

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JAY HARDY
Legal Status:	Private
Date Became Current:	19800101
Date Ended Current:	Not reported
Owner/Operator Address:	1430 W MCCOY LN
Owner/Operator City,State,Zip:	SANTA MARIA, CA 93455-1005
Owner/Operator Telephone:	805-361-2674
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JAY HARDY
Legal Status:	Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARDY DIAGNOSTICS (Continued)

1016954108

Date Became Current: 19800101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20140301
Handler Name: HARDY DIAGNOSTICS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325413
NAICS Description: IN-VITRO DIAGNOSTIC SUBSTANCE MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**C8
NE
1/8-1/4
0.160 mi.
844 ft.**

**HARDY DIAGNOSTICS
1430 W MCCOY LN
SANTA MARIA, CA 93455**

Site 2 of 2 in cluster C

**CERS HAZ WASTE
CUPA Listings
EMI
CERS
HWTS**

**S100863699
N/A**

**Relative:
Higher**

CERS HAZ WASTE:

**Actual:
216 ft.**

Name: HARDY DIAGNOSTICS
Address: 1430 W MCCOY LN
City,State,Zip: SANTA MARIA, CA 93455
Site ID: 35504
CERS ID: 10209961
CERS Description: Hazardous Waste Generator

CUPA SANTA BARBARA:

Name: HARDY DIAGNOSTICS
Address: 1430 W MCCOY LN
City,State,Zip: SANTA MARIA, CA 93455
Facility Id: FA0004219
Region: SANTA BARBARA
Cross Street: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARDY DIAGNOSTICS (Continued)

S100863699

Latitude: Not reported
Longitude: Not reported
Mailing Name: HARDY, JAY
Mailing Care Of: HARDY DIAGNOSTICS
Mailing Address: 1430 W MC COY ST
Mailing City: SANTA MARIA
Mailing State: CA
Mailing Zip Code: 93455
Record Id: PR0222036
Pe #: 2201
Current Status: 1

EMI:

Name: HARDY DIAGNOSTICS
Address: 1430 W. MCCOY LANE
City,State,Zip: SANTA MARIA, CA 93455
Year: 2020
County Code: 42
Air Basin: SCC
Facility ID: 11698
Air District Name: SB
SIC Code: 2835
Air District Name: SANTA BARBARA COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.165445
Reactive Organic Gases Tons/Yr: 0.163945
Carbon Monoxide Emissions Tons/Yr: Not reported
NOX - Oxides of Nitrogen Tons/Yr: Not reported
SOX - Oxides of Sulphur Tons/Yr: Not reported
Particulate Matter Tons/Yr: Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr: Not reported

CERS:

Name: HARDY DIAGNOSTICS
Address: 1430 W MCCOY LN
City,State,Zip: SANTA MARIA, CA 93455
Site ID: 35504
CERS ID: 10209961
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 35504
Site Name: HARDY DIAGNOSTICS
Violation Date: 09-24-2015
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 10/24/2015.
Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARDY DIAGNOSTICS (Continued)

S100863699

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-24-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Hardy Diagnostics BP
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-24-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 35504
Facility Name: HARDY DIAGNOSTICS
Env Int Type Code: HWG
Program ID: 10209961
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 34.915420
Longitude: -120.461880

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Santa Barbara County Env Health
Entity Title: Not reported
Affiliation Address: 225 Camino del Remedio
Affiliation City: Santa Barbara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93110
Affiliation Phone: (805) 681-4927,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARDY DIAGNOSTICS (Continued)

S100863699

Affiliation Type Desc: Environmental Contact
Entity Name: Sue Pruett
Entity Title: Not reported
Affiliation Address: 1430 W. McCoy Lane
Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93455
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Brian Hook
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1430 W McCoy Lane
Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93455
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: HARDY DIAGNOSTICS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (805) 346-2766,

Affiliation Type Desc: Identification Signer
Entity Name: Brian Hook
Entity Title: Safety Officer
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: HARDY DIAGNOSTICS
Entity Title: Not reported
Affiliation Address: 1430 W MC COY ST
Affiliation City: SANTA MARIA
Affiliation State: CA
Affiliation Country: United States

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARDY DIAGNOSTICS (Continued)

S100863699

Affiliation Zip: 93455
Affiliation Phone: (805) 346-2766,

Affiliation Type Desc: Parent Corporation
Entity Name: HARDY DIAGNOSTICS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:

Name: HARDY DIAGNOSTICS
Address: 1430 W MCCOY LN
Address 2: Not reported
City,State,Zip: SANTA MARIA, CA 93455
EPA ID: CAL000067895
Inactive Date: 12/31/1899
Create Date: 03/24/1992
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1430 W MCCOY LN
Mailing Address 2: Not reported
Mailing City,State,Zip: SANTA MARIA, CA 934550000
Owner Name: HARDY JAY AND ALTAVILLA JOSEP
Owner Address: Not reported
Owner Address 2: Not reported
Owner City,State,Zip: Not reported
Contact Name: CANCEL EFFECTIVE 3-2-92 LTR
Contact Address: IN FILE.
Contact Address 2: Not reported
City,State,Zip: Not reported
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 34.916107
Longitude: -120.459024

D9
East
1/8-1/4
0.164 mi.
866 ft.

ELLIS LOGISTICS
1424 FAIRWAY DR
SANTA MARIA, CA 93458

Site 1 of 3 in cluster D

RCRA NonGen / NLR 1027515459
CAC003207314

Relative:
Higher

Actual:
219 ft.

RCRA Listings:
Date Form Received by Agency: 20221207
Handler Name: Ellis Logistics
Handler Address: 1424 FAIRWAY DR
Handler City,State,Zip: SANTA MARIA, CA 93458
EPA ID: CAC003207314
Contact Name: GARRETT ELLIS
Contact Address: 14045 ANNADALE LANE
Contact City,State,Zip: RANCHO CUCAMONGA, CA 91739
Contact Telephone: 909-317-2248

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELLIS LOGISTICS (Continued)

1027515459

Contact Fax:	Not reported
Contact Email:	HIGGINSWMC3@YAHOO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	14045 ANNADALE LANE
Mailing City,State,Zip:	RANCHO CUCAMONGA, CA 91739
Owner Name:	Garrett Ellis
Owner Type:	Other
Operator Name:	Garrett Ellis
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20221207
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELLIS LOGISTICS (Continued)

1027515459

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GARRETT ELLIS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14045 ANNADALE LANE
Owner/Operator City,State,Zip:	RANCHO CUCAMONGA, CA 91739
Owner/Operator Telephone:	909-317-2248
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GARRETT ELLIS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14045 ANNADALE LANE
Owner/Operator City,State,Zip:	RANCHO CUCAMONGA, CA 91739
Owner/Operator Telephone:	909-317-2248
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20221207
Handler Name:	ELLIS LOGISTICS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

D10
East
1/8-1/4
0.164 mi.
866 ft.

FEDEX GROUND ZSMA
1424 FAIRWAY DRIVE
SANTA MARIA, CA 94577

CERS HAZ WASTE
NPDES
CERS

S123103592
N/A

Site 2 of 3 in cluster D

Relative:
Higher

CERS HAZ WASTE:

Actual:
219 ft.

Name: FEDEX GROUND - ZSMA/934
Address: 1424 FAIRWAY DR
City,State,Zip: SANTA MARIA, CA 93455
Site ID: 443512
CERS ID: 10773136
CERS Description: Hazardous Waste Generator

NPDES:

Name: FEDEX GROUND ZSMA
Address: 1424 FAIRWAY DRIVE
City,State,Zip: SANTA MARIA, CA 94577
Facility Status: Active
NPDES Number: CAS000001
Region: 3
Agency Number: 0
Regulatory Measure ID: 501844
Place ID: Not reported
Order Number: 97-03-DWQ
WDID: 3 42NEC004909
Regulatory Measure Type: Enrollee
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 02/04/2019
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 1000 FedEx Drive
Discharge Name: FedEx Ground Package System Inc
Discharge City: Moon Township
Discharge State: Pennsylvania
Discharge Zip: 15108
Status: Not reported
Status Date: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

Name: FEDEX GROUND ZSMA
Address: 1424 FAIRWAY DRIVE
City,State,Zip: SANTA MARIA, CA 94577
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 3 42NEC004909
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FEDEX GROUND ZSMA (Continued)

S123103592

Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Active
Status Date: 02/04/2019
Operator Name: FedEx Ground Package System Inc
Operator Address: 1000 FedEx Drive
Operator City: Moon Township
Operator State: Pennsylvania
Operator Zip: 15108

CERS:

Name: FEDEX GROUND - ZSMA/934
Address: 1424 FAIRWAY DR
City,State,Zip: SANTA MARIA, CA 93455
Site ID: 443512
CERS ID: 10773136
CERS Description: Chemical Storage Facilities

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-14-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Initial HMBP inspection. FedEx Ground - 1424 Fairway Dr, Santa Maria.
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-14-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Initial HWG inspection. FedEx Ground - 1424 Fairway Dr, Santa Maria.
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HW
Eval Source: CERS,

Coordinates:

Site ID: 443512
Facility Name: FedEx Ground - ZSMA/934
Env Int Type Code: HWG
Program ID: 10773136
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 34.913460
Longitude: -120.461560

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: Santa Barbara County Env Health

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FEDEX GROUND ZSMA (Continued)

S123103592

Entity Title:	Not reported
Affiliation Address:	225 Camino del Remedio
Affiliation City:	Santa Barbara
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93110
Affiliation Phone:	(805) 681-4927,
Affiliation Type Desc:	Document Preparer
Entity Name:	Hazel Roberts, Blymyer Engineers
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Christopher Tuttle
Entity Title:	Not reported
Affiliation Address:	1000 FedEx Drive, Attn: Environmental Affairs
Affiliation City:	Santa Maria
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93455
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Christopher Tuttle
Entity Title:	Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1424 Fairway Drive
Affiliation City:	Santa Maria
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93455
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	FedEx Ground Package System, Inc.
Entity Title:	Not reported
Affiliation Address:	1000 FedEx Drive, Attn: Environmental Affairs
Affiliation City:	Moon Township
Affiliation State:	PA
Affiliation Country:	United States
Affiliation Zip:	15108
Affiliation Phone:	(412) 859-2384,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FEDEX GROUND ZSMA (Continued)

S123103592

Affiliation Type Desc: Parent Corporation
Entity Name: FedEx Ground Package System, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: FedEx Ground
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (412) 859-2384,

Name: FEDEX GROUND ZSMA
Address: 1424 FAIRWAY DRIVE
City,State,Zip: SANTA MARIA, CA 94577
Site ID: 531879
CERS ID: 867203
CERS Description: Industrial Facility Storm Water

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: FedEx Ground Package System Inc
Entity Title: Operator
Affiliation Address: 1000 FedEx Drive
Affiliation City: Moon Township
Affiliation State: PA
Affiliation Country: Not reported
Affiliation Zip: 15108
Affiliation Phone: ,

D11
East
1/8-1/4
0.164 mi.
866 ft.

FEDEX GROUND - SANTA MARIA
1424 FAIRWAY DR
SANTA MARIA, CA 93455

RCRA-SQG 1024877018
CAR000285221

Site 3 of 3 in cluster D

Relative:
Higher
Actual:
219 ft.

RCRA Listings:
Date Form Received by Agency: 20180628
Handler Name: Fedex Ground - Santa Maria
Handler Address: 1424 FAIRWAY DR
Handler City,State,Zip: SANTA MARIA, CA 93455
EPA ID: CAR000285221
Contact Name: CHRISTOPHER B TUTTLE
Contact Address: FEDEX DRIVE
Contact City,State,Zip: MOON TOWNSHIP, PA 15108
Contact Telephone: 412-859-2384
Contact Fax: Not reported
Contact Email: ENVIRONMENTAL@FEDEX.COM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FEDEX GROUND - SANTA MARIA (Continued)

1024877018

Contact Title:	SR ENVIRONMENTAL COMPLIANCE SPECIALIST
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	FEDEX DRIVE
Mailing City,State,Zip:	MOON TOWNSHIP, PA 15108
Owner Name:	The Santa Maria Public Airport District
Owner Type:	State
Operator Name:	Fedex Ground Package System, Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180629
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FEDEX GROUND - SANTA MARIA (Continued)

1024877018

Hazardous Waste Summary:

Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: FEDEX GROUND PACKAGE SYSTEM, INC
Legal Status: Private
Date Became Current: 20180615
Date Ended Current: Not reported
Owner/Operator Address: 1000 FEDEX DRIVE
Owner/Operator City,State,Zip: MOON TOWNSHIP, PA 15108
Owner/Operator Telephone: 412-859-2384
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: ENVIRONMENTAL@FEDEX.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: THE SANTA MARIA PUBLIC AIRPORT DISTRICT
Legal Status: State
Date Became Current: 19640309
Date Ended Current: Not reported
Owner/Operator Address: 3217 TERMINAL DRIVE
Owner/Operator City,State,Zip: SANTA MARIA, CA 93455
Owner/Operator Telephone: 805-922-1726
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 805-922-0677
Owner/Operator Email: CHASTERT@SANTAMARIAAIRPORT.COM

Historic Generators:

Receive Date: 20180628
Handler Name: FEDEX GROUND - SANTA MARIA
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 492110
NAICS Description: COURIERS AND EXPRESS DELIVERY SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FEDEX GROUND - SANTA MARIA (Continued)

1024877018

Evaluations:

No Evaluations Found

E12
North
1/8-1/4
0.186 mi.
981 ft.

HELENA AGRI ENTERPRISES LLC DBA HELENA CHEMICAL CO
2397 A ST
SANTA MARIA, CA 93455

RCRA NonGen / NLR

1024838904
CAL000386332

Site 1 of 3 in cluster E

Relative:
Higher

Actual:
213 ft.

RCRA Listings:

Date Form Received by Agency:	20220908
Handler Name:	Helena Agri Enterprises Llc DbA Helena Chemical Company
Handler Address:	2397 A ST
Handler City,State,Zip:	SANTA MARIA, CA 93455
EPA ID:	CAL000386332
Contact Name:	BO ROWLEY
Contact Address:	2397 A ST
Contact City,State,Zip:	SANTA MARIA, CA 93455
Contact Telephone:	805-928-7000
Contact Fax:	805-928-7057
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2397 A ST
Mailing City,State,Zip:	SANTA MARIA, CA 93455
Owner Name:	Helena Chemical Company
Owner Type:	Other
Operator Name:	Bo Rowley
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HELENA AGRI ENTERPRISES LLC DBA HELENA CHEMICAL COMPANY (Continued)

1024838904

Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220921
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: BO ROWLEY	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2397 A ST
Owner/Operator City,State,Zip:	SANTA MARIA, CA 93455
Owner/Operator Telephone:	805-928-7000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: BO ROWLEY	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2397 A ST
Owner/Operator City,State,Zip:	SANTA MARIA, CA 93455
Owner/Operator Telephone:	805-928-7000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: HELENA CHEMICAL COMPANY	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	225 SCHILLING BLVD STE 300
Owner/Operator City,State,Zip:	COLLIERVILLE, TN 38017
Owner/Operator Telephone:	901-537-8605
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HELENA AGRI ENTERPRISES LLC DBA HELENA CHEMICAL COMPANY (Continued)

1024838904

Owner/Operator Indicator: Owner
Owner/Operator Name: HELENA CHEMICAL COMPANY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 225 SCHILLING BLVD STE 300
Owner/Operator City,State,Zip: COLLIERVILLE, TN 38017
Owner/Operator Telephone: 901-537-8605
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20220908
Handler Name: HELENA AGRI ENTERPRISES LLC DBA HELENA CHEMICAL COMPANY
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20130618
Handler Name: HELENA AGRI ENTERPRISES LLC DBA HELENA CHEMICAL COMPANY
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 44422
NAICS Description: NURSERY, GARDEN CENTER, AND FARM SUPPLY STORES

NAICS Code: 444220
NAICS Description: NURSERY, GARDEN CENTER, AND FARM SUPPLY STORES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

	Site	Database(s)	
E13	TRUTEAM OF CALIFORNIA 268	RCRA NonGen / NLR	1024871236
North	2393 A ST		CAL000439880
1/8-1/4	SANTA MARIA, CA 93455		
0.186 mi.			
983 ft.	Site 2 of 3 in cluster E		
Relative:	RCRA Listings:		
Higher	Date Form Received by Agency:	20181016	
	Handler Name:	Truteam Of California 268	
Actual:	Handler Address:	2393 A ST	
213 ft.	Handler City,State,Zip:	SANTA MARIA, CA 93455	
	EPA ID:	CAL000439880	
	Contact Name:	KEITH GASKINS	
	Contact Address:	2393 A ST	
	Contact City,State,Zip:	SANTA MARIA, CA 93455	
	Contact Telephone:	805-345-3239	
	Contact Fax:	Not reported	
	Contact Email:	KEITH.GASKINS@TRUTEAM.COM	
	Contact Title:	Not reported	
	EPA Region:	09	
	Land Type:	Not reported	
	Federal Waste Generator Description:	Not a generator, verified	
	Non-Notifier:	Not reported	
	Biennial Report Cycle:	Not reported	
	Accessibility:	Not reported	
	Active Site Indicator:	Handler Activities	
	State District Owner:	Not reported	
	State District:	Not reported	
	Mailing Address:	2393 A ST	
	Mailing City,State,Zip:	SANTA MARIA, CA 93455	
	Owner Name:	Builder Services Group Inc	
	Owner Type:	Other	
	Operator Name:	Keith Gaskins	
	Operator Type:	Other	
	Short-Term Generator Activity:	No	
	Importer Activity:	No	
	Mixed Waste Generator:	No	
	Transporter Activity:	No	
	Transfer Facility Activity:	No	
	Recycler Activity with Storage:	No	
	Small Quantity On-Site Burner Exemption:	No	
	Smelting Melting and Refining Furnace Exemption:	No	
	Underground Injection Control:	No	
	Off-Site Waste Receipt:	No	
	Universal Waste Indicator:	Yes	
	Universal Waste Destination Facility:	Yes	
	Federal Universal Waste:	No	
	Active Site State-Reg Handler:	---	
	Federal Facility Indicator:	Not reported	
	Hazardous Secondary Material Indicator:	N	
	Sub-Part K Indicator:	Not reported	
	2018 GPRA Permit Baseline:	Not on the Baseline	
	2018 GPRA Renewals Baseline:	Not on the Baseline	
	202 GPRA Corrective Action Baseline:	No	
	Subject to Corrective Action Universe:	No	
	Non-TSDFs Where RCRA CA has Been Imposed Universe:	No	
	Corrective Action Priority Ranking:	No NCAPS ranking	
	Environmental Control Indicator:	No	
	Institutional Control Indicator:	No	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRUTEAM OF CALIFORNIA 268 (Continued)

1024871236

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEITH GASKINS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2393 A ST
Owner/Operator City,State,Zip:	SANTA MARIA, CA 93455
Owner/Operator Telephone:	805-345-3239
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BUILDER SERVICES GROUP INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	475 N WILLIAMSON BLVD
Owner/Operator City,State,Zip:	DAYTONA BEACH, FL 32114
Owner/Operator Telephone:	386-304-2256
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20181016
Handler Name:	TRUTEAM OF CALIFORNIA 268
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRUTEAM OF CALIFORNIA 268 (Continued)

1024871236

List of NAICS Codes and Descriptions:

NAICS Code: 238310
NAICS Description: DRYWALL AND INSULATION CONTRACTORS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

E14
North
1/8-1/4
0.186 mi.
983 ft.

TRUTEAM - 268 - SANTA MARIA
2393 A ST
SANTA MARIA, CA 93455

CERS HAZ WASTE
CERS

S121781217
N/A

Site 3 of 3 in cluster E

Relative:
Higher

CERS HAZ WASTE:

Actual:
213 ft.

Name: TRUTEAM - 268 - SANTA MARIA
Address: 2393 A ST
City,State,Zip: SANTA MARIA, CA 93455
Site ID: 422546
CERS ID: 10734571
CERS Description: Hazardous Waste Generator

CERS:

Name: TRUTEAM - 268 - SANTA MARIA
Address: 2393 A ST
City,State,Zip: SANTA MARIA, CA 93455
Site ID: 422546
CERS ID: 10734571
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 422546
Site Name: TruTeam - 268 - Santa Maria
Violation Date: 07-19-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 07/19/2018.
Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 422546
Site Name: TruTeam - 268 - Santa Maria
Violation Date: 11-02-2020
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRUTEAM - 268 - SANTA MARIA (Continued)

S121781217

Violation Notes: Returned to compliance on 12/04/2020. Inspection Report was emailed out the business owner/operator on 11/5/2020. RTC is 12/5/20

Violation Division: Santa Barbara County Environmental Health Services

Violation Program: HMRRP

Violation Source: CERS,

Site ID: 422546

Site Name: TruTeam - 268 - Santa Maria

Violation Date: 07-19-2018

Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violation Notes: Returned to compliance on 07/19/2018.

Violation Division: Santa Barbara County Environmental Health Services

Violation Program: HMRRP

Violation Source: CERS,

Site ID: 422546

Site Name: TruTeam - 268 - Santa Maria

Violation Date: 11-02-2020

Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)

Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.

Violation Notes: Returned to compliance on 12/04/2020. Inspection report emailed out to business owner/operator on 11/6/20. RTC date is 12/6/20

Violation Division: Santa Barbara County Environmental Health Services

Violation Program: HW

Violation Source: CERS,

Site ID: 422546

Site Name: TruTeam - 268 - Santa Maria

Violation Date: 11-02-2020

Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 12/04/2020. Inspection report emailed out to business owner/operator on 11/6/20. RTC date is 12/6/20

Violation Division: Santa Barbara County Environmental Health Services

Violation Program: HW

Violation Source: CERS,

Site ID: 422546

Site Name: TruTeam - 268 - Santa Maria

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRUTEAM - 268 - SANTA MARIA (Continued)

S121781217

Violation Date: 07-19-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 07/19/2018.
Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-19-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-02-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-02-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HW
Eval Source: CERS,

Coordinates:

Site ID: 422546
Facility Name: TruTeam - 268 - Santa Maria
Env Int Type Code: HMBP
Program ID: 10734571
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 34.917330
Longitude: -120.464810

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: Mason Baziw
Entity Title: Not reported
Affiliation Address: 475 N. Williamson Blvd
Affiliation City: Daytona Beach
Affiliation State: FL
Affiliation Country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRUTEAM - 268 - SANTA MARIA (Continued)

S121781217

Affiliation Zip: 32114
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: TruTeam of California
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 518-4012,

Affiliation Type Desc: Parent Corporation
Entity Name: 268 - TruTeam of California (Santa Maria)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Santa Barbara County Env Health
Entity Title: Not reported
Affiliation Address: 225 Camino del Remedio
Affiliation City: Santa Barbara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93110
Affiliation Phone: (805) 681-4927,

Affiliation Type Desc: Identification Signer
Entity Name: Mason Baziw
Entity Title: Environmental Safety and Compliance Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Mason Baziw
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2393 A Street

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRUTEAM - 268 - SANTA MARIA (Continued)

S121781217

Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93455
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: TruTeam of
Entity Title: Not reported
Affiliation Address: 2393 A Street
Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93455
Affiliation Phone: (619) 219-9252,

F15
NNE
1/8-1/4
0.219 mi.
1156 ft.

ENERGY LINK INDUSTRIAL SERVICES INC
1440 JASON WAY
SANTA MARIA, CA 93455
Site 1 of 3 in cluster F

RCRA NonGen / NLR **1024839189**
CAL000386900

Relative:
Higher
Actual:
213 ft.

RCRA Listings:
Date Form Received by Agency: 20130701
Handler Name: Energy Link Industrial Services Inc
Handler Address: 1440 JASON WAY
Handler City,State,Zip: SANTA MARIA, CA 93455
EPA ID: CAL000386900
Contact Name: DAVID SANDOVAL
Contact Address: 11439 S ENOS LN
Contact City,State,Zip: BAKERSFIELD, CA 93311
Contact Telephone: 661-765-4444
Contact Fax: 661-765-4471
Contact Email: DSANDOVAL@ENERGYLINK1.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: PO BOX 10716
Mailing City,State,Zip: BAKERSFIELD, CA 93389
Owner Name: Energy Link Industrial Services Inc
Owner Type: Other
Operator Name: David Sandoval
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENERGY LINK INDUSTRIAL SERVICES INC (Continued)

1024839189

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVID SANDOVAL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11439 S ENOS LN
Owner/Operator City,State,Zip:	BAKERSFIELD, CA 93311
Owner/Operator Telephone:	661-765-4444
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ENERGY LINK INDUSTRIAL SERVICES INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11439 S ENOS LN
Owner/Operator City,State,Zip:	BAKERSFIELD, CA 93311
Owner/Operator Telephone:	661-765-4444
Owner/Operator Telephone Ext:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENERGY LINK INDUSTRIAL SERVICES INC (Continued)

1024839189

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20130701
Handler Name: ENERGY LINK INDUSTRIAL SERVICES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 42183
NAICS Description: INDUSTRIAL MACHINERY AND EQUIPMENT WHOLESALERS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**G16
NE
1/8-1/4
0.223 mi.
1177 ft.**

**PRINCE LIONHEART INC (DBA MANUFACTORY LLC)
2421 WESTGATE RD
SANTA MARIA, CA 93455**

**RCRA NonGen / NLR 1026492070
CAL000456844**

Site 1 of 5 in cluster G

**Relative:
Higher**

RCRA Listings:

**Actual:
216 ft.**

Date Form Received by Agency: 20200917
Handler Name: Prince Lionheart Inc (Dba Manufactory Llc)
Handler Address: 2421 WESTGATE RD
Handler City,State,Zip: SANTA MARIA, CA 93455
EPA ID: CAL000456844
Contact Name: MARILOU MAYPA
Contact Address: 2421 WESTGATE RD
Contact City,State,Zip: SANTA MARIA, CA 93455
Contact Telephone: 805-922-2250
Contact Fax: 805-922-9442
Contact Email: MMAYPA@PRINCELIONHEART.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINCE LIONHEART INC (DBA MANUFACTORY LLC) (Continued)

1026492070

Mailing Address:	2421 WESTGATE RD
Mailing City,State,Zip:	SANTA MARIA, CA 93455
Owner Name:	Prince Lionheart Inc
Owner Type:	Other
Operator Name:	Marilou Maypa
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200920
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRINCE LIONHEART INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2421 WESTGATE RD
Owner/Operator City,State,Zip:	SANTA MARIA, CA 93455
Owner/Operator Telephone:	805-922-2250

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINCE LIONHEART INC (DBA MANUFACTORY LLC) (Continued)

1026492070

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARILOU MAYPA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2421 WESTGATE RD
Owner/Operator City,State,Zip:	SANTA MARIA, CA 93455
Owner/Operator Telephone:	805-922-2250
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200917
Handler Name:	PRINCE LIONHEART INC (DBA MANUFACTORY LLC)
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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**G17
NE
1/8-1/4
0.229 mi.
1209 ft.**

**PRINCE LIONHEART
2421 S WESTGATE RD
SANTA MARIA, CA 93454**

**CERS HAZ WASTE
CERS**

**S121788646
N/A**

Site 2 of 5 in cluster G

**Relative:
Higher**

CERS HAZ WASTE:

**Actual:
216 ft.**

Name:	PRINCE LIONHEART
Address:	2421 S WESTGATE RD
City,State,Zip:	SANTA MARIA, CA 93454
Site ID:	58795
CERS ID:	10210957
CERS Description:	Hazardous Waste Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINCE LIONHEART (Continued)

S121788646

CERS:

Name: PRINCE LIONHEART
Address: 2421 S WESTGATE RD
City,State,Zip: SANTA MARIA, CA 93454
Site ID: 58795
CERS ID: 10210957
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 58795
Site Name: PRINCE LIONHEART
Violation Date: 09-02-2020
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 09/21/2020.
Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HW
Violation Source: CERS,

Site ID: 58795
Site Name: PRINCE LIONHEART
Violation Date: 09-02-2020
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 09/28/2020.
Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HW
Violation Source: CERS,

Site ID: 58795
Site Name: PRINCE LIONHEART
Violation Date: 09-02-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 09/21/2020.
Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 58795
Site Name: PRINCE LIONHEART
Violation Date: 05-06-2016
Citation: HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINCE LIONHEART (Continued)

S121788646

Violation Notes: quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Division: Returned to compliance on 02/28/2020.
Violation Program: Santa Barbara County Environmental Health Services
Violation Source: HMRRP
CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-02-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-06-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Routine HMBP inspection
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-02-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HW
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: Santa Barbara County Env Health
Entity Title: Not reported
Affiliation Address: 225 Camino del Remedio
Affiliation City: Santa Barbara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93110
Affiliation Phone: (805) 681-4927,

Affiliation Type Desc: Document Preparer
Entity Name: Maypa
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINCE LIONHEART (Continued)

S121788646

Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2421 S. Westgate Rd
Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93455
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: PRINCE LIONHEART
Entity Title: Not reported
Affiliation Address: 2421 S WESTGATE RD
Affiliation City: SANTA MARIA
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93454
Affiliation Phone: (805) 922-2250,

Affiliation Type Desc: Environmental Contact
Entity Name: Marilou Maypa
Entity Title: Not reported
Affiliation Address: 2421 S. WESTGATE RD.
Affiliation City: SANTA MARIA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93455
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: PRINCE LIONHEART
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Kelly McConnell
Entity Title: Not reported
Affiliation Address: 2421 Westgate road
Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93455
Affiliation Phone: (805) 922-2250,

Affiliation Type Desc: Identification Signer
Entity Name: Marilou Maypa
Entity Title: QC & Purchasing
Affiliation Address: Not reported
Affiliation City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINCE LIONHEART (Continued)

S121788646

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Kelly McConnell
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (805) 922-2250,

**G18
NE
1/8-1/4
0.229 mi.
1209 ft.**

**PRINCE LIONHEART
2421 S WESTGATE RD
SANTA MARIA, CA 93454

Site 3 of 5 in cluster G**

**CUPA Listings S110741784
N/A**

**Relative:
Higher**

**Actual:
216 ft.**

CUPA SANTA BARBARA:

Name: PRINCE LIONHEART
Address: 2421 S WESTGATE RD
City,State,Zip: SANTA MARIA, CA 93454
Facility Id: FA0004926
Region: SANTA BARBARA
Cross Street: Not reported
Latitude: Not reported
Longitude: Not reported
Mailing Name: PRINCE LIONHEART
Mailing Care Of: Not reported
Mailing Address: 2421 S WESTGATE RD
Mailing City: SANTA MARIA
Mailing State: CA
Mailing Zip Code: 93454
Record Id: PR0222431
Pe #: 2201
Current Status: 1

Name: PRINCE LIONHEART
Address: 2421 S WESTGATE RD
City,State,Zip: SANTA MARIA, CA 93454
Facility Id: FA0004926
Region: SANTA BARBARA
Cross Street: Not reported
Latitude: Not reported
Longitude: Not reported
Mailing Name: PRINCE LIONHEART
Mailing Care Of: Not reported
Mailing Address: 2421 S WESTGATE RD
Mailing City: SANTA MARIA
Mailing State: CA
Mailing Zip Code: 93454
Record Id: PR0212431
Pe #: 2161
Current Status: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRINCE LIONHEART (Continued)

S110741784

Name: PRINCE LIONHEART
Address: 2421 S WESTGATE RD
City,State,Zip: SANTA MARIA, CA 93454
Facility Id: FA0004926
Region: SANTA BARBARA
Cross Street: Not reported
Latitude: Not reported
Longitude: Not reported
Mailing Name: PRINCE LIONHEART
Mailing Care Of: Not reported
Mailing Address: 2421 S WESTGATE RD
Mailing City: SANTA MARIA
Mailing State: CA
Mailing Zip Code: 93454
Record Id: PR0506938
Pe #: 2601
Current Status: 2

19
North
1/8-1/4
0.237 mi.
1251 ft.

AL AMERICAN DRILLING INC
2361 A ST
SANTA MARIA, CA 93455

RCRA NonGen / NLR

1026492341
CAL000457124

Relative:
Higher

Actual:
213 ft.

RCRA Listings:
Date Form Received by Agency: 20200928
Handler Name: Al American Drilling Inc
Handler Address: 2361 A ST
Handler City,State,Zip: SANTA MARIA, CA 93455
EPA ID: CAL000457124
Contact Name: SELENA MCCALIP
Contact Address: 2361 A ST
Contact City,State,Zip: SANTA MARIA, CA 93455
Contact Telephone: 805-346-2422
Contact Fax: Not reported
Contact Email: SMCCALIP@ALLAMERICANDRILLINGINC.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 2361 A ST
Mailing City,State,Zip: SANTA MARIA, CA 93455
Owner Name: All American Drilling Inc
Owner Type: Other
Operator Name: Selena Mccalip
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AL AMERICAN DRILLING INC (Continued)

1026492341

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201008
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SELENA MCCALIP
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2361 A ST
Owner/Operator City,State,Zip:	SANTA MARIA, CA 93455
Owner/Operator Telephone:	805-346-2422
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALL AMERICAN DRILLING INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2361 A ST
Owner/Operator City,State,Zip:	SANTA MARIA, CA 93455
Owner/Operator Telephone:	805-346-2422

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AL AMERICAN DRILLING INC (Continued)

1026492341

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200928
Handler Name: AL AMERICAN DRILLING INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

G20
ENE
1/8-1/4
0.241 mi.
1271 ft.

CETTI SERVICES UNLIMITED INC
1341 W MCCOY LN
SANTA MARIA, CA 93455

RCRA NonGen / NLR

1024831267
CAL000367592

Site 4 of 5 in cluster G

Relative:
Higher

Actual:
216 ft.

RCRA Listings:

Date Form Received by Agency: 20110920
Handler Name: Cetti Services Unlimited Inc
Handler Address: 1341 W MCCOY LN
Handler City,State,Zip: SANTA MARIA, CA 93455
EPA ID: CAL000367592
Contact Name: PAUL CETTI
Contact Address: 1341 W MCCOY LN
Contact City,State,Zip: SANTA MARIA, CA 93455
Contact Telephone: 805-925-2033
Contact Fax: 805-925-2034
Contact Email: CETTISERVICESINC@YAHOO.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CETTI SERVICES UNLIMITED INC (Continued)

1024831267

State District:	Not reported
Mailing Address:	1341 W MCCOY LN
Mailing City,State,Zip:	SANTA MARIA, CA 93455-0000
Owner Name:	Paul, Kristin, Leonard, Rilla Cetti
Owner Type:	Other
Operator Name:	Paul Cetti
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAUL, KRISTIN, LEONARD, RILLA CETTI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1341 W MCCOY LN
Owner/Operator City,State,Zip:	SANTA MARIA, CA 93455-0000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CETTI SERVICES UNLIMITED INC (Continued)

1024831267

Owner/Operator Telephone: 805-925-2033
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PAUL CETTI
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1341 W MCCOY LN
Owner/Operator City,State,Zip: SANTA MARIA, CA 93455
Owner/Operator Telephone: 805-925-2033
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20110920
Handler Name: CETTI SERVICES UNLIMITED INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 811412
NAICS Description: APPLIANCE REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

G21
ENE
1/8-1/4
0.241 mi.
1271 ft.

CETTI SERVICES UNLIMITED, INC.
1341 W MCCOY LN
SANTA MARIA, CA 93455
Site 5 of 5 in cluster G

CERS HAZ WASTE **S121765299**
CERS **N/A**

Relative:
Higher
Actual:
216 ft.

CERS HAZ WASTE:
Name: CETTI SERVICES UNLIMITED, INC.
Address: 1341 W MCCOY LN
City,State,Zip: SANTA MARIA, CA 93455
Site ID: 355637
CERS ID: 10638088
CERS Description: Hazardous Waste Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CETTI SERVICES UNLIMITED, INC. (Continued)

S121765299

CERS:

Name: CETTI SERVICES UNLIMITED, INC.
Address: 1341 W MCCOY LN
City,State,Zip: SANTA MARIA, CA 93455
Site ID: 355637
CERS ID: 10638088
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 355637
Site Name: Cetti Services Unlimited, Inc.
Violation Date: 08-06-2015
Citation: HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description: Failure to obtain and/or maintain an active hazardous waste generator permit.
Violation Notes: Returned to compliance on 09/10/2015.
Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HW
Violation Source: CERS,

Site ID: 355637
Site Name: Cetti Services Unlimited, Inc.
Violation Date: 08-06-2015
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 09/04/2015.
Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 355637
Site Name: Cetti Services Unlimited, Inc.
Violation Date: 08-06-2015
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 09/05/2015.
Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-04-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: HWG inspection. Cetti Services Unlimited - 1341 W McCoy Ln, Santa Maria.
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CETTI SERVICES UNLIMITED, INC. (Continued)

S121765299

Eval Date: 10-11-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Passed
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-06-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: New business BP inspection. Cetti Services Unlimited.
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-06-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: New business HW inspection. Cetti Services Unlimited.
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-04-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: HMBP inspection. Cetti Services Unlimited - 1341 W McCoy Ln, Santa Maria.
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-11-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: passed
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 355637
Facility Name: Cetti Services Unlimited, Inc.
Env Int Type Code: HWG
Program ID: 10638088
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 34.916470
Longitude: -120.460450

Affiliation:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CETTI SERVICES UNLIMITED, INC. (Continued)

S121765299

Affiliation Type Desc: CUPA District
Entity Name: Santa Barbara County Env Health
Entity Title: Not reported
Affiliation Address: 225 Camino del Remedio
Affiliation City: Santa Barbara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93110
Affiliation Phone: (805) 681-4927,

Affiliation Type Desc: Identification Signer
Entity Name: Kristin Cetti
Entity Title: Secretary
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Cetti Services Unlimited, Inc.
Entity Title: Not reported
Affiliation Address: 1341 W. McCoy Lane
Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93455
Affiliation Phone: (805) 925-2033,

Affiliation Type Desc: Property Owner
Entity Name: Cetti Services Unlimited, LLC
Entity Title: Not reported
Affiliation Address: 1341 W. McCoy Lane
Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93455
Affiliation Phone: (805) 925-2033,

Affiliation Type Desc: Environmental Contact
Entity Name: Kristin Cetti
Entity Title: Not reported
Affiliation Address: 1341 W. McCoy Lane
Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93455
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1341 W. McCoy Lane
Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CETTI SERVICES UNLIMITED, INC. (Continued)

S121765299

Affiliation Zip: 93455
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Cetti Services Unlimited, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (805) 925-2033,

Affiliation Type Desc: Parent Corporation
Entity Name: Cetti Services Unlimited, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Kristin Cetti
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

F22
NNE
1/8-1/4
0.244 mi.
1290 ft.

DURANT HARVESTING INC
2350 A ST
SANTA MARIA, CA 93455
Site 2 of 3 in cluster F

RCRA NonGen / NLR 1026489918
CAL000383916

Relative:
Higher
Actual:
213 ft.

RCRA Listings:
Date Form Received by Agency: 20130328
Handler Name: Durant Harvesting Inc
Handler Address: 2350 A ST
Handler City,State,Zip: SANTA MARIA, CA 93455
EPA ID: CAL000383916
Contact Name: ALBERT CORDERO
Contact Address: P.O. BOX 1370
Contact City,State,Zip: SANTA MARIA, CA 93456-0000
Contact Telephone: 805-266-2551
Contact Fax: 805-349-9401
Contact Email: ALBERT@DURANTDISTRIBUTING.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DURANT HARVESTING INC (Continued)

1026489918

Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2350 A STREET
Mailing City,State,Zip:	SANTA MARIA, CA 93455-0000
Owner Name:	Durant Harvesting Inc
Owner Type:	Other
Operator Name:	Albert Cordero
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200904
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DURANT HARVESTING INC
Legal Status:	Other
Date Became Current:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DURANT HARVESTING INC (Continued)

1026489918

Date Ended Current: Not reported
Owner/Operator Address: 4300 HWY 135
Owner/Operator City,State,Zip: LOS ALAMOS, CA 93440-0000
Owner/Operator Telephone: 805-310-3699
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ALBERT CORDERO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: P.O. BOX 1370
Owner/Operator City,State,Zip: SANTA MARIA, CA 93456-0000
Owner/Operator Telephone: 805-266-2551
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20130328
Handler Name: DURANT HARVESTING INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

**F23
NNE
1/8-1/4
0.244 mi.
1290 ft.**

**DURANT HARVESTING, INC.
2350 A ST
SANTA MARIA, CA 93455
Site 3 of 3 in cluster F**

**CERS HAZ WASTE S121759500
CERS N/A**

**Relative:
Higher
Actual:
213 ft.**

CERS HAZ WASTE:
Name: DURANT HARVESTING, INC.
Address: 2350 A ST
City,State,Zip: SANTA MARIA, CA 93455
Site ID: 277500

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DURANT HARVESTING, INC. (Continued)

S121759500

CERS ID: 10632124
CERS Description: Hazardous Waste Generator

CERS:
Name: DURANT HARVESTING, INC.
Address: 2350 A ST
City,State,Zip: SANTA MARIA, CA 93455
Site ID: 277500
CERS ID: 10632124
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 277500
Site Name: Durant Harvesting, Inc.
Violation Date: 04-23-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 06/20/2019. Inventory forms not submitted for 15W40, hydraulic oil, used oil, antifreeze, and pump oil
Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 277500
Site Name: Durant Harvesting, Inc.
Violation Date: 05-18-2015
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 06/15/2015.
Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HW
Violation Source: CERS,

Site ID: 277500
Site Name: Durant Harvesting, Inc.
Violation Date: 11-12-2020
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 12/12/2020.
Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 277500
Site Name: Durant Harvesting, Inc.
Violation Date: 05-18-2015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DURANT HARVESTING, INC. (Continued)

S121759500

Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 06/22/2015.
Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HW
Violation Source: CERS,

Site ID: 277500
Site Name: Durant Harvesting, Inc.
Violation Date: 11-12-2020
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 12/15/2020.
Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HW
Violation Source: CERS,

Site ID: 277500
Site Name: Durant Harvesting, Inc.
Violation Date: 05-18-2015
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 06/15/2015.
Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 277500
Site Name: Durant Harvesting, Inc.
Violation Date: 05-18-2015
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 06/22/2015.
Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HW
Violation Source: CERS,

Site ID: 277500
Site Name: Durant Harvesting, Inc.
Violation Date: 11-12-2020
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 12/12/2020.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DURANT HARVESTING, INC. (Continued)

S121759500

Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 277500
Site Name: Durant Harvesting, Inc.
Violation Date: 05-18-2015
Citation: HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.

Violation Notes: Returned to compliance on 06/19/2015.
Violation Division: Santa Barbara County Environmental Health Services
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-18-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-23-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: HMBP inspection. Durant Harvesting Inc - 2350 A St, Santa Maria.
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-18-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-12-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: APSA
Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DURANT HARVESTING, INC. (Continued)

S121759500

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-12-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-23-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: HWG inspection. Durant Harvesting Inc - 2350 A St, Santa Maria.
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-12-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Barbara County Environmental Health Services
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 277500
Facility Name: Durant Harvesting, Inc.
Env Int Type Code: HWG
Program ID: 10632124
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 34.918120
Longitude: -120.463580

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Laura Domingos
Entity Title: Office Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Salvador Valencia
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DURANT HARVESTING, INC. (Continued)

S121759500

Affiliation Phone: (805) 349-2820,

Affiliation Type Desc: CUPA District
Entity Name: Santa Barbara County Env Health
Entity Title: Not reported
Affiliation Address: 225 Camino del Remedio
Affiliation City: Santa Barbara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93110
Affiliation Phone: (805) 681-4927,

Affiliation Type Desc: Document Preparer
Entity Name: Laura Domingos
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Tom Durant
Entity Title: Not reported
Affiliation Address: P.O. Box 1370
Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93455
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Tom Durant
Entity Title: Not reported
Affiliation Address: P.O. Box 1370
Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93455
Affiliation Phone: (805) 349-2820,

Affiliation Type Desc: Parent Corporation
Entity Name: Durant Harvesting, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: P.O. Box 1370
Affiliation City: Santa Maria

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DURANT HARVESTING, INC. (Continued)

S121759500

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93456
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Tom Durant
Entity Title: Not reported
Affiliation Address: P.O. Box 1370
Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93456
Affiliation Phone: (805) 310-3699,

H24
North
1/4-1/2
0.412 mi.
2175 ft.

UNOCAL M. O'DONNELL
1500 W BETTERAVIA ROAD
SANTA MARIA, CA 93455

CPS-SLIC
CERS

S128935401
N/A

Site 1 of 2 in cluster H

Relative:
Higher

Actual:
213 ft.

CPS-SLIC:
Name: UNOCAL M. O'DONNELL
Address: 1500 W BETTERAVIA ROAD
City,State,Zip: SANTA MARIA, CA 93455
Region: STATE
Facility Status: **Open - Site Assessment**
Status Date: 07/27/2022
Global Id: T10000020019
Lead Agency: SANTA BARBARA COUNTY
Lead Agency Case Number: 20101, 201011
Latitude: 34.92076
Longitude: -120.46434
Case Type: Cleanup Program Site
Case Worker: MC
Local Agency: SANTA BARBARA COUNTY
RB Case Number: Not reported
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
EPA Region: 9
Coordinate Source: Not reported
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 06/13/2003
Leak Reported Date: Not reported
How Discovered: Not reported
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: Not reported
CA Water Watershed Name: Santa Maria - Guadalupe (312.10)
Dwr Groundwater Subbasin Name: Santa Maria River Valley - Santa Maria (3-012.01)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 41-45%

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL M. O'DONNELL (Continued)

S128935401

CA Enviroscreen 4 Score: 55-60%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: CENTRAL COAST RWQCB (REGION 3)
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

CERS:

Name: UNOCAL M. O'DONNELL
Address: 1500 W BETTERAVIA ROAD
City,State,Zip: SANTA MARIA, CA 93455
Site ID: 615229
CERS ID: T10000020019
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: MARISSA CENSULLO - SANTA BARBARA COUNTY
Entity Title: Not reported
Affiliation Address: 2125 SOUTH CENTERPOINTE PARKWAY, ROOM 333
Affiliation City: SANTA MARIA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

I25
North
1/4-1/2
0.424 mi.
2237 ft.

UNOCAL LLOYD FEE
BETTERAVIA RD & A ST
SANTA MARIA, CA 93455

CPS-SLIC S123523403
N/A

Site 1 of 2 in cluster I

Relative:
Higher

Actual:
213 ft.

CPS-SLIC:
Name: UNOCAL LLOYD FEE
Address: BETTERAVIA RD & A ST
City,State,Zip: SANTA MARIA, CA 93455
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 10/29/2002
Global Id: T10000012516
Lead Agency: Not reported
Lead Agency Case Number: 20081
Latitude: 34.92071
Longitude: -120.46404
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
EPA Region: 9
Coordinate Source: Not reported
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 06/27/2001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL LLOYD FEE (Continued)

S123523403

Leak Reported Date: Not reported
How Discovered: Not reported
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 10/29/2002
CA Water Watershed Name: Santa Maria - Guadalupe (312.10)
Dwr Groundwater Subbasin Name: Santa Maria River Valley - Santa Maria (3-012.01)
Disadvantaged Community: Disadvantaged Community
CA Enviroscreen 3 Score: 41-45%
CA Enviroscreen 4 Score: 55-60%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: CENTRAL COAST RWQCB (REGION 3)
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

I26
North
1/4-1/2
0.424 mi.
2237 ft.

UNOCAL M. O'DONNELL
W BETTERAVIA ROAD & A STREET
SANTA MARIA, CA 93455

CPS-SLIC **S128935402**
N/A

Site 2 of 2 in cluster I

Relative:
Higher
Actual:
213 ft.

CPS-SLIC:
Name: UNOCAL M. O'DONNELL
Address: W BETTERAVIA ROAD & A STREET
City,State,Zip: SANTA MARIA, CA 93455
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 01/24/2002
Global Id: T10000020020
Lead Agency: SANTA BARBARA COUNTY
Lead Agency Case Number: 20076
Latitude: 34.92084
Longitude: -120.46403
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
EPA Region: 9
Coordinate Source: Not reported
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 05/13/2001
Leak Reported Date: Not reported
How Discovered: Not reported
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 01/24/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL M. O'DONNELL (Continued)

S128935402

CA Water Watershed Name: Santa Maria - Guadalupe (312.10)
Dwr Groundwater Subbasin Name: Santa Maria River Valley - Santa Maria (3-012.01)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 66-70%
CA Enviroscreen 4 Score: 70-75%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: CENTRAL COAST RWQCB (REGION 3)
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

H27
North
1/4-1/2
0.425 mi.
2242 ft.

CHAN PROPERTY
1539 WEST BETTERAVIA ROAD
SANTA MARIA, CA 93455

CPS-SLIC
CERS

S113888529
N/A

Site 2 of 2 in cluster H

Relative:
Higher

CPS-SLIC:

Actual:
213 ft.

Name: CHAN PROPERTY
Address: 1539 WEST BETTERAVIA ROAD
City,State,Zip: SANTA MARIA, CA 93455
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 04/04/1994
Global Id: T10000005124
Lead Agency: SANTA BARBARA COUNTY
Lead Agency Case Number: 83
Latitude: 34.9207773
Longitude: -120.4651661
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Not reported
Potential Media Affected: Soil
Potential Contaminants of Concern: Other Metal, Diesel
EPA Region: 9
Coordinate Source: Not reported
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 06/23/1992
Leak Reported Date: Not reported
How Discovered: Not reported
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 04/04/1994
CA Water Watershed Name: Santa Maria - Guadalupe (312.10)
Dwr Groundwater Subbasin Name: Santa Maria River Valley - Santa Maria (3-012.01)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 76-80%
CA Enviroscreen 4 Score: 70-75%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: CENTRAL COAST RWQCB (REGION 3)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAN PROPERTY (Continued)

S113888529

Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

CERS:

Name: CHAN PROPERTY
Address: 1539 WEST BETTERAVIA ROAD
City,State,Zip: SANTA MARIA, CA 93455
Site ID: 193307
CERS ID: T10000005124
CERS Description: Cleanup Program Site

J28
North
1/4-1/2
0.434 mi.
2292 ft.

RUDOMETKIN NURSERY
1563 W BETTERAVIA RD
SANTA MARIA, CA 93454

Site 1 of 3 in cluster J

RCRA-SQG 1000334668
HAULERS CAD000091751
FINDS
ECHO
HIST CORTESE

Relative:
Higher

Actual:
213 ft.

RCRA Listings:
Date Form Received by Agency: 19960901
Handler Name: Rudometkin Nursery
Handler Address: 1563 W BETTERAVIA RD
Handler City,State,Zip: SANTA MARIA, CA 93454
EPA ID: CAD000091751
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Ca
State District: 3
Mailing Address: 1599 W BETTERAVIA ROAD
Mailing City,State,Zip: SANTA MARIA, CA 93454
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not Required
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RUDOMETKIN NURSERY (Continued)

1000334668

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: MIKE RUDOMETKIN	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RUDOMETKIN NURSERY (Continued)

1000334668

Historic Generators:

Receive Date: 19960901
Handler Name: RUDOMETKIN NURSERY
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Ca
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800627
Handler Name: RUDOMETKIN NURSERY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Ca
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 48411
NAICS Description: GENERAL FREIGHT TRUCKING, LOCAL

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

HAULERS:

Name: CAL COAST LOGISTICS
Address: 1563 BETTERAVIA ROAD
City,State,Zip: SANTA MARIA, CA 93455
Facility ID: 1952585
Facility Phone: (559) 481-6441
Business Email Address: ops@calcoastlogistics.com
Contact Person: Joe Sabhu
Mailing Address: P.O. Box 627
Mailing City: Madera
Mailing State: CA
Mailing Zip: 93639
Mailing County: Not reported
Mailing Phone: (559) 481-6441
Current Status: Active
Current Hauler Status: Not reported
Accepting Tires From Public: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RUDOMETKIN NURSERY (Continued)

1000334668

Regulatory Status Last Changed: 2022-08-17 13:14:25
Business Types: Not reported

FINDS:

Registry ID: 110009542012

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110002626542

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000334668
Registry ID: 110002626542
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002626542>
Name: RUDOMETKIN NURSERY
Address: 1563 W BETTERAVIA RD
City,State,Zip: SANTA MARIA, CA 93454

Envid: 1000334668
Registry ID: 110009542012
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110009542012>
Name: RODRIGUEZ RADIATOR INC
Address: 1563 W BETTERAVIA RD
City,State,Zip: SANTA MARIA, CA 93455

HIST CORTESE:

edr_fname: Rudometkin Nursery
edr_fadd1: 1563 Betteravia Rd
City,State,Zip: SANTA MARIA, CA 93455
Region: CORTESE
Facility County Code: 42
Reg By: LTNKA
Reg Id: 880

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

J29
North
1/4-1/2
0.434 mi.
2292 ft.
Site 2 of 3 in cluster J

LUST
Cortese
CERS
S105620314
N/A

Relative:
Higher
Actual:
213 ft.

LUST:

Name: RUDOMETKIN NURSERY
Address: 1563 BETTERAVIA RD W STE A
City,State,Zip: SANTA MARIA, CA 93455
Lead Agency: SANTA BARBARA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608300743
Global Id: T0608300743
Latitude: 34.921746063
Longitude: -120.465752093
Status: Completed - Case Closed
Status Date: 08/05/1993
Case Worker: CSB
RB Case Number: 880
Local Agency: SANTA BARBARA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: 51127
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
EPA Region: 9
Coordinate Source: * High Quality GPS
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 09/17/1990
Leak Reported Date: 09/17/1990
How Discovered: Not reported
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 08/05/1993
CA Water Watershed Name: Santa Maria - Guadalupe (312.10)
Dwr Groundwater Subbasin Name: Santa Maria River Valley - Santa Maria (3-012.01)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 76-80%
CA Enviroscreen 4 Score: 70-75%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: CENTRAL COAST RWQCB (REGION 3)
Site History: COMPLETE LOP FILE HAS BEEN UPLOADED TO GEOTRACKER WEBSITE - HARD COPIES NO LONGER EXIST IN LOP FILES

LUST:

Global Id: T0608300743
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: Closed Santa Barbara Co LOP Sites
Organization Name: SANTA BARBARA COUNTY LOP
Address: 2125 S. Centerpointe Parkway, Suite #333
City: Santa Maria
Email: Not reported
Phone Number: 8053468460

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RUDOMETKIN NURSERY (Continued)

S105620314

LUST:

Global Id:	T0608300743
Action Type:	Other
Date:	09/17/1990
Action:	Leak Reported
Global Id:	T0608300743
Action Type:	RESPONSE
Date:	12/30/2009
Action:	Other Report / Document
Global Id:	T0608300743
Action Type:	RESPONSE
Date:	12/30/2009
Action:	Other Report / Document
Global Id:	T0608300743
Action Type:	RESPONSE
Date:	12/30/2009
Action:	Other Report / Document
Global Id:	T0608300743
Action Type:	RESPONSE
Date:	12/30/2009
Action:	Other Report / Document
Global Id:	T0608300743
Action Type:	RESPONSE
Date:	12/30/2009
Action:	Other Report / Document
Global Id:	T0608300743
Action Type:	RESPONSE
Date:	12/30/2009
Action:	Other Report / Document
Global Id:	T0608300743
Action Type:	ENFORCEMENT
Date:	08/05/1993
Action:	Closure/No Further Action Letter
Global Id:	T0608300743
Action Type:	Other
Date:	09/17/1990
Action:	Leak Discovery

LUST:

Global Id:	T0608300743
Status:	Open - Case Begin Date
Status Date:	09/17/1990
Global Id:	T0608300743
Status:	Open - Site Assessment
Status Date:	09/17/1990
Global Id:	T0608300743
Status:	Open - Site Assessment
Status Date:	09/24/1990
Global Id:	T0608300743
Status:	Open - Remediation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RUDOMETKIN NURSERY (Continued)

S105620314

Status Date: 02/25/1991

Global Id: T0608300743
Status: Open - Site Assessment
Status Date: 02/25/1991

Global Id: T0608300743
Status: Completed - Case Closed
Status Date: 08/05/1993

LUST REG 3:

Region: 3
Regional Board: Central Coast Region
Facility County: Santa Barbara
Global ID: T0608300743
Status: Case Closed
Case Number: 880
Local Case Num: 51127
Case Type: S
Substance: Misc. Motor Vehicle Fuels
Quantity: Not reported
Abatement Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)

Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Not reported
How Discovered: Not reported
Release Date: 09/17/1990
Discovered Date: 9/17/90
Enter Date: / /
Stop Date: Not reported
Review Date: / /
Enforce Date: 1/1/65
Close Date: 8/5/93
Enforcement Type: None Taken
Responsible Party: Not reported
RP Address: Not reported
Contact: Not reported
Cross Street: Not reported
Local Agency: 42000L
Lead Agency: Local Agency
Staff Initials: RBA
Confirm Leak: 9/17/90
Workplan: 9/24/90
Prelim Assess: 2/25/91
Pollution Char: 09/24/1990
Remedial Plan: 2/25/91
Remedial Action: Not reported
Monitoring: / /
Pilot Program: LOP
Interim Action: Not reported
Funding: S
MTBE Class: *
Max MTBE Grnd Wtr: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RUDOMETKIN NURSERY (Continued)

S105620314

MTBE Tested: NRQ
Lat/Long: 34.9208156 / -120.4645661
Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported
Mtbe Concentratn: 0
Mtbe Fuel: 0
Org Name: Not reported
Basin Plan: Not reported
Beneficial: Not reported
Priority: -0-
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: SANTA MARIA WATER DEPARTMENT
Well Name: WELL 09S
Distance From Well: 0
Assigned Name: 10N/34W-28J01 S
Summary: Not reported

CORTESE:

Name: RUDOMETKIN NURSERY
Address: 1563 BETTERAVIA RD W STE A
City,State,Zip: SANTA MARIA, CA 93455
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608300743
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:

Name: RUDOMETKIN NURSERY
Address: 1563 BETTERAVIA RD W STE A
City,State,Zip: SANTA MARIA, CA 93455
Site ID: 188890
CERS ID: T0608300743
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: Closed Santa Barbara Co LOP Sites - SANTA BARBARA COUNTY LOP
Entity Title: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RUDOMETKIN NURSERY (Continued)

S105620314

Affiliation Address: 2125 S. Centerpointe Parkway, Suite #333
Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 8053468460,

J30
North
1/4-1/2
0.437 mi.
2308 ft.

COAST VACUUM TRUCK SERVICE I
1565 BETTERAVIA RD E STE C
SANTA MARIA, CA 93455

LUST
Cortese
CERS

S105620245
N/A

Site 3 of 3 in cluster J

Relative:
Higher
Actual:
213 ft.

LUST:
Name: COAST VACUUM TRUCK SERVICE I
Address: 1565 BETTERAVIA RD E STE C
City,State,Zip: SANTA MARIA, CA 93455
Lead Agency: SANTA BARBARA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608300515
Global Id: T0608300515
Latitude: 34.921092841
Longitude: -120.466455085
Status: Completed - Case Closed
Status Date: 02/17/1993
Case Worker: CSB
RB Case Number: 3088
Local Agency: SANTA BARBARA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: 50097
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Diesel
EPA Region: 9
Coordinate Source: * High Quality GPS
Cuf Case: YES
Quantity Released Gallons: Not reported
Begin Date: 09/12/1988
Leak Reported Date: 09/12/1988
How Discovered: Not reported
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 02/17/1993
CA Water Watershed Name: Santa Maria - Guadalupe (312.10)
Dwr Groundwater Subbasin Name: Santa Maria River Valley - Santa Maria (3-012.01)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 76-80%
CA Enviroscreen 4 Score: 70-75%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: CENTRAL COAST RWQCB (REGION 3)
Site History: COMPLETE LOP FILE HAS BEEN UPLOADED TO GEOTRACKER WEBSITE - HARD COPIES NO LONGER EXIST IN LOP FILES

LUST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COAST VACUUM TRUCK SERVICE I (Continued)

S105620245

Global Id: T0608300515
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: Closed Santa Barbara Co LOP Sites
Organization Name: SANTA BARBARA COUNTY LOP
Address: 2125 S. Centerpointe Parkway, Suite #333
City: Santa Maria
Email: Not reported
Phone Number: 8053468460

LUST:

Global Id: T0608300515
Action Type: ENFORCEMENT
Date: 05/26/1992
Action: Unauthorized Release Form

Global Id: T0608300515
Action Type: ENFORCEMENT
Date: 02/17/1993
Action: Closure/No Further Action Letter

Global Id: T0608300515
Action Type: ENFORCEMENT
Date: 05/20/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0608300515
Action Type: ENFORCEMENT
Date: 12/23/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0608300515
Action Type: Other
Date: 09/12/1988
Action: Leak Reported

Global Id: T0608300515
Action Type: RESPONSE
Date: 12/30/2009
Action: Other Report / Document

Global Id: T0608300515
Action Type: RESPONSE
Date: 12/30/2009
Action: Other Report / Document

Global Id: T0608300515
Action Type: RESPONSE
Date: 12/30/2009
Action: Other Report / Document

Global Id: T0608300515
Action Type: RESPONSE
Date: 12/30/2009
Action: Other Report / Document

Global Id: T0608300515
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COAST VACUUM TRUCK SERVICE I (Continued)

S105620245

Date: 12/30/2009
Action: Other Report / Document

Global Id: T0608300515
Action Type: RESPONSE
Date: 12/30/2009
Action: Other Report / Document

Global Id: T0608300515
Action Type: Other
Date: 09/12/1988
Action: Leak Discovery

LUST:

Global Id: T0608300515
Status: Open - Case Begin Date
Status Date: 09/12/1988

Global Id: T0608300515
Status: Open - Site Assessment
Status Date: 09/12/1988

Global Id: T0608300515
Status: Open - Site Assessment
Status Date: 09/30/1988

Global Id: T0608300515
Status: Open - Site Assessment
Status Date: 05/09/1989

Global Id: T0608300515
Status: Open - Site Assessment
Status Date: 02/14/1990

Global Id: T0608300515
Status: Open - Remediation
Status Date: 03/09/1990

Global Id: T0608300515
Status: Open - Remediation
Status Date: 11/06/1992

Global Id: T0608300515
Status: Completed - Case Closed
Status Date: 02/17/1993

LUST REG 3:

Region: 3
Regional Board: Central Coast Region
Facility County: Santa Barbara
Global ID: T0608300515
Status: Case Closed
Case Number: 3088
Local Case Num: 50097
Case Type: A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COAST VACUUM TRUCK SERVICE I (Continued)

S105620245

Substance: Diesel
Quantity: Not reported
Abatement Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Not reported
How Discovered: Not reported
Release Date: 09/12/1988
Discovered Date: 9/12/88
Enter Date: / /
Stop Date: Not reported
Review Date: / /
Enforce Date: 1/1/65
Close Date: 2/17/93
Enforcement Type: None Taken
Responsible Party: Not reported
RP Address: Not reported
Contact: Not reported
Cross Street: Not reported
Local Agency: 42000L
Lead Agency: Local Agency
Staff Initials: RBA
Confirm Leak: 9/30/88
Workplan: 9/12/88
Prelim Assess: 5/9/89
Pollution Char: 02/14/1990
Remedial Plan: 3/9/90
Remedial Action: 11/6/92
Monitoring: / /
Pilot Program: LOP
Interim Action: Not reported
Funding: S
MTBE Class: *
Max MTBE Grnd Wtr: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / /
MTBE Tested: NRQ
Lat/Long: 34.923689 / -120.385004
Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported
Mtbe Concentratn: 0
Mtbe Fuel: 0
Org Name: Not reported
Basin Plan: Not reported
Beneficial: Not reported
Priority: -0-
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Distance From Well: 0
Assigned Name: Not reported
Summary: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COAST VACUUM TRUCK SERVICE I (Continued)

S105620245

CORTESE:

Name: COAST VACUUM TRUCK SERVICE I
Address: 1565 BETTERAVIA RD E STE C
City,State,Zip: SANTA MARIA, CA 93455
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608300515
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:

Name: COAST VACUUM TRUCK SERVICE I
Address: 1565 BETTERAVIA RD E STE C
City,State,Zip: SANTA MARIA, CA 93455
Site ID: 194030
CERS ID: T0608300515
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: Closed Santa Barbara Co LOP Sites - SANTA BARBARA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2125 S. Centerpointe Parkway, Suite #333
Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 8053468460,

31
NE
1/4-1/2
0.490 mi.
2589 ft.

PEPSI-COLA BOTTLING COMPANY
2345 THOMPSON WAY
SANTA MARIA, CA 93454

Relative:
Higher

Actual:
222 ft.

LUST:

Name: PEPSI-COLA BOTTLING COMPANY
Address: 2345 THOMPSON WAY
City,State,Zip: SANTA MARIA, CA 93454
Lead Agency: SANTA BARBARA COUNTY LOP

LUST **S102435085**
Cortese **N/A**
CUPA Listings
HIST CORTESE
CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEPSI-COLA BOTTLING COMPANY (Continued)

S102435085

Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608300721
Global Id: T0608300721
Latitude: 34.919057
Longitude: -120.457552
Status: Completed - Case Closed
Status Date: 06/22/1993
Case Worker: CSB
RB Case Number: 766
Local Agency: SANTA BARBARA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: 50163
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
EPA Region: 9
Coordinate Source: Google Geocode
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 03/16/1993
Leak Reported Date: 03/16/1993
How Discovered: Not reported
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 06/22/1993
CA Water Watershed Name: Santa Maria - Guadalupe (312.10)
Dwr Groundwater Subbasin Name: Santa Maria River Valley - Santa Maria (3-012.01)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 41-45%
CA Enviroscreen 4 Score: 55-60%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: CENTRAL COAST RWQCB (REGION 3)
Site History: COMPLETE LOP FILE HAS BEEN UPLOADED TO GEOTRACKER WEBSITE - HARD COPIES NO LONGER EXIST IN LOP FILES

LUST:

Global Id: T0608300721
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: Closed Santa Barbara Co LOP Sites
Organization Name: SANTA BARBARA COUNTY LOP
Address: 2125 S. Centerpointe Parkway, Suite #333
City: Santa Maria
Email: Not reported
Phone Number: 8053468460

LUST:

Global Id: T0608300721
Action Type: RESPONSE
Date: 02/29/2012
Action: Other Report / Document

Global Id: T0608300721
Action Type: ENFORCEMENT
Date: 11/26/1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEPSI-COLA BOTTLING COMPANY (Continued)

S102435085

Action: Closure/No Further Action Letter

Global Id: T0608300721
Action Type: ENFORCEMENT
Date: 05/26/2015
Action: Closure/No Further Action Letter

Global Id: T0608300721
Action Type: RESPONSE
Date: 02/03/1993
Action: Other Report / Document

Global Id: T0608300721
Action Type: RESPONSE
Date: 03/17/1993
Action: Other Report / Document

Global Id: T0608300721
Action Type: RESPONSE
Date: 11/23/2004
Action: Other Report / Document

Global Id: T0608300721
Action Type: RESPONSE
Date: 12/26/1991
Action: Other Report / Document

Global Id: T0608300721
Action Type: RESPONSE
Date: 03/17/1993
Action: Other Report / Document

Global Id: T0608300721
Action Type: RESPONSE
Date: 03/17/1993
Action: Other Report / Document

Global Id: T0608300721
Action Type: RESPONSE
Date: 11/10/1998
Action: Other Report / Document

Global Id: T0608300721
Action Type: RESPONSE
Date: 01/09/1991
Action: Other Report / Document

Global Id: T0608300721
Action Type: RESPONSE
Date: 06/22/1993
Action: Other Report / Document

Global Id: T0608300721
Action Type: RESPONSE
Date: 05/13/1993
Action: Other Report / Document

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEPSI-COLA BOTTLING COMPANY (Continued)

S102435085

Global Id: T0608300721
Action Type: RESPONSE
Date: 03/15/1993
Action: Other Report / Document

Global Id: T0608300721
Action Type: RESPONSE
Date: 11/23/2004
Action: Other Report / Document

Global Id: T0608300721
Action Type: RESPONSE
Date: 06/01/1993
Action: Other Report / Document

Global Id: T0608300721
Action Type: RESPONSE
Date: 06/01/1993
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608300721
Action Type: ENFORCEMENT
Date: 05/26/2015
Action: Unauthorized Release Form

Global Id: T0608300721
Action Type: ENFORCEMENT
Date: 02/12/1990
Action: Unauthorized Release Form

Global Id: T0608300721
Action Type: Other
Date: 03/16/1993
Action: Leak Reported

Global Id: T0608300721
Action Type: Other
Date: 03/16/1993
Action: Leak Discovery

LUST:

Global Id: T0608300721
Status: Open - Case Begin Date
Status Date: 03/16/1993

Global Id: T0608300721
Status: Open - Site Assessment
Status Date: 03/17/1993

Global Id: T0608300721
Status: Open - Site Assessment
Status Date: 03/18/1993

Global Id: T0608300721
Status: Open - Remediation
Status Date: 03/19/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEPSI-COLA BOTTLING COMPANY (Continued)

S102435085

Global Id: T0608300721
Status: Completed - Case Closed
Status Date: 06/22/1993

LUST REG 3:

Region: 3
Regional Board: Central Coast Region
Facility County: Santa Barbara
Global ID: T0608300721
Status: Case Closed
Case Number: 766
Local Case Num: 50163
Case Type: S
Substance: Gasoline
Quantity: Not reported
Abatement Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Not reported
How Discovered: Not reported
Release Date: 03/16/1993
Discovered Date: 3/16/93
Enter Date: / /
Stop Date: Not reported
Review Date: / /
Enforce Date: 1/1/65
Close Date: 6/22/93
Enforcement Type: None Taken
Responsible Party: Not reported
RP Address: Not reported
Contact: Not reported
Cross Street: Not reported
Local Agency: 42000L
Lead Agency: Local Agency
Staff Initials: RBA
Confirm Leak: 3/17/93
Workplan: 3/17/93
Prelim Assess: 3/18/93
Pollution Char: 03/18/1993
Remedial Plan: 3/19/93
Remedial Action: 3/19/93
Monitoring: / /
Pilot Program: LOP
Interim Action: Not reported
Funding: F
MTBE Class: *
Max MTBE Grnd Wtr: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / /
MTBE Tested: NT
Lat/Long: 34.9179637 / -120.4656192
Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported
Mtbe Concentratn: 0
Mtbe Fuel: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEPSI-COLA BOTTLING COMPANY (Continued)

S102435085

Org Name: Not reported
Basin Plan: Not reported
Beneficial: Not reported
Priority: -0-
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: SANTA MARIA WATER DEPARTMENT
Well Name: WELL 10S
Distance From Well: 0
Assigned Name: 10N/34W-28M01 S
Summary: Not reported

CORTESE:

Name: PEPSI-COLA BOTTLING COMPANY
Address: 2345 THOMPSON WAY
City,State,Zip: SANTA MARIA, CA 93454
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608300721
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CUPA SANTA BARBARA:

Name: PEPSI COLA BOTTLING COMPANY
Address: 2345 THOMPSON WAY
City,State,Zip: SANTA MARIA, CA 93454
Facility Id: FA0004896
Region: SANTA BARBARA
Cross Street: McCOY LANE
Latitude: Not reported
Longitude: Not reported
Mailing Name: PEPSI COLA BOTTLING COMPANY
Mailing Care Of: Not reported
Mailing Address: 2345 THOMPSON WAY
Mailing City: SANTA MARIA
Mailing State: CA
Mailing Zip Code: 93455
Record Id: PR0220163
Pe #: 2202

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEPSI-COLA BOTTLING COMPANY (Continued)

S102435085

Current Status:	1
Name:	PEPSI COLA BOTTLING COMPANY
Address:	2345 THOMPSON WAY
City,State,Zip:	SANTA MARIA, CA 93454
Facility Id:	FA0004896
Region:	SANTA BARBARA
Cross Street:	McCOY LANE
Latitude:	Not reported
Longitude:	Not reported
Mailing Name:	PEPSI COLA BOTTLING COMPANY
Mailing Care Of:	Not reported
Mailing Address:	2345 THOMPSON WAY
Mailing City:	SANTA MARIA
Mailing State:	CA
Mailing Zip Code:	93455
Record Id:	PR0210163
Pe #:	2162
Current Status:	1
Name:	PEPSI COLA BOTTLING COMPANY
Address:	2345 THOMPSON WAY
City,State,Zip:	SANTA MARIA, CA 93454
Facility Id:	FA0004896
Region:	SANTA BARBARA
Cross Street:	McCOY LANE
Latitude:	Not reported
Longitude:	Not reported
Mailing Name:	PEPSI COLA BOTTLING COMPANY
Mailing Care Of:	Not reported
Mailing Address:	2345 THOMPSON WAY
Mailing City:	SANTA MARIA
Mailing State:	CA
Mailing Zip Code:	93455
Record Id:	PR0230163
Pe #:	2302
Current Status:	2
Name:	PEPSI COLA BOTTLING COMPANY
Address:	2345 THOMPSON WAY
City,State,Zip:	SANTA MARIA, CA 93454
Facility Id:	FA0004896
Region:	SANTA BARBARA
Cross Street:	McCOY LANE
Latitude:	Not reported
Longitude:	Not reported
Mailing Name:	PEPSI COLA BOTTLING COMPANY
Mailing Care Of:	Not reported
Mailing Address:	2345 THOMPSON WAY
Mailing City:	SANTA MARIA
Mailing State:	CA
Mailing Zip Code:	93455
Record Id:	PR0506577
Pe #:	2604
Current Status:	2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEPSI-COLA BOTTLING COMPANY (Continued)

S102435085

HIST CORTESE:

edr_fname: Pepsi-Cola Bottling Compa
edr_fadd1: 2345 THOMPSON
City,State,Zip: SANTA MARIA, CA 93454
Region: CORTESE
Facility County Code: 42
Reg By: LTNKA
Reg Id: 766

CERS:

Name: PEPSI-COLA BOTTLING COMPANY
Address: 2345 THOMPSON WAY
City,State,Zip: SANTA MARIA, CA 93454
Site ID: 209037
CERS ID: T0608300721
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: Closed Santa Barbara Co LOP Sites - SANTA BARBARA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2125 S. Centerpointe Parkway, Suite #333
Affiliation City: Santa Maria
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 8053468460,

32
ENE
1/2-1
0.580 mi.
3065 ft.

PACIFIC GAS & ELECTRIC COMPANY
2445 S SKYWAY DRIVE
SANTA MARIA, CA 93455

ENVIROSTOR S111418008
N/A

Relative:
Higher

Actual:
226 ft.

ENVIROSTOR:

Name: PACIFIC GAS & ELECTRIC COMPANY
Address: 2445 S SKYWAY DRIVE
City,State,Zip: SANTA MARIA, CA 93455
Facility ID: 42490018
Status: Refer: Other Agency
Status Date: 04/25/1995
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Chatsworth
Assembly: Not reported
Senate: Not reported
Special Program: * Rural County Survey Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC GAS & ELECTRIC COMPANY (Continued)

S111418008

Funding: Not reported
Latitude: 34.91429
Longitude: -120.4541
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: PG&E
Alias Type: Alternate Name
Alias Name: 42490018
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/25/1995
Comments: AN NST REMOVAL WAS DONE IN 1987 UNDER LOCAL HEALTH DEPARTMENT OVERSIGHT. NO CONTAMINANTS WERE FOUND. NO FURTHER ACTION IS REQUIRED AT THIS CUSTOMER SERVICE STATION BY DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/10/1988
Comments: SITE SCREENING DONE RATIONALE FOR PENDING STATUS: PG&E HAS BEEN ASSESSING A NUMBER OF GAS PLANTS PURSUANT TO COOPERATIVE AGREEMENT WITH DHS UNDER THE BEP. IF THIS SITE HAS BEEN EXCLUDED FROM THAT LIST, A MEDIUM PRIORITY PA IS RECOMMENDED. OPERATION AT THE SITE IS REPORTED AS HAVING BEGUN IN 1956. DRUMS REPORTED WERE STORED ON PALLETS OVER SOIL.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/03/1988
Comments: FACILITY IDENTIFIED CENTRAL COAST RWQCB AB1803 FILES

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

33
East
1/2-1
0.650 mi.
3434 ft.

**PIONEER VALLEY HIGH SCHOOL
MAIN STREET/FREMONT STREET
SANTA MARIA, CA 93454**

**ENVIROSTOR
SCH**

**S105954590
N/A**

**Relative:
Higher**

ENVIROSTOR:

**Actual:
229 ft.**

Name: PIONEER VALLEY HIGH SCHOOL
Address: MAIN STREET/FREMONT STREET
City,State,Zip: SANTA MARIA, CA 93454
Facility ID: 42010006
Status: Certified
Status Date: 07/30/2003
Site Code: 304335
Site Type: School Cleanup
Site Type Detailed: School
Acres: 53
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 35
Senate: 19
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.91281
Longitude: -120.4529
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: DDE DDT Toxaphene Dieldrin
Confirmed COC: Toxaphene Dieldrin 30007-NO 30008-NO
Potential Description: SOIL
Alias Name: PIONEER VALLEY HIGH SCHOOL
Alias Type: Alternate Name
Alias Name: SANTA MARIA HIGH SCHOOL NO. 3
Alias Type: Alternate Name
Alias Name: SANTA MARIA JOINT UNION HIGH SCHOOL DIST
Alias Type: Alternate Name
Alias Name: SANTA MARIA JT UHSD-PIONEER VALLEY HS
Alias Type: Alternate Name
Alias Name: 110033611553
Alias Type: EPA (FRS #)
Alias Name: 304335
Alias Type: Project Code (Site Code)
Alias Name: 42010006
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/15/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIONEER VALLEY HIGH SCHOOL (Continued)

S105954590

Completed Document Type: Removal Action Workplan
Completed Date: 02/02/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 07/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 01/10/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 03/27/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 02/18/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 11/27/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 07/30/2003
Comments: Approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/22/2004
Comments: DTSC approved the Removal Action Completion Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 07/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/10/2001
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIONEER VALLEY HIGH SCHOOL (Continued)

S105954590

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 01/07/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 02/02/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 01/16/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 04/22/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/23/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 05/31/2002
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: PIONEER VALLEY HIGH SCHOOL
Address: MAIN STREET/FREMONT STREET
City,State,Zip: SANTA MARIA, CA 93454
Facility ID: 42010006
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 53
National Priorities List: NO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIONEER VALLEY HIGH SCHOOL (Continued)

S105954590

Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304335
Assembly: 35
Senate: 19
Special Program Status: Not reported
Status: Certified
Status Date: 07/30/2003
Restricted Use: NO
Funding: School District
Latitude: 34.91281
Longitude: -120.4529
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: DDE, DDT, Toxaphene, Dieldrin
Confirmed COC: Toxaphene, Dieldrin, 30007-NO, 30008-NO
Potential Description: SOIL
Alias Name: PIONEER VALLEY HIGH SCHOOL
Alias Type: Alternate Name
Alias Name: SANTA MARIA HIGH SCHOOL NO. 3
Alias Type: Alternate Name
Alias Name: SANTA MARIA JOINT UNION HIGH SCHOOL DIST
Alias Type: Alternate Name
Alias Name: SANTA MARIA JT UHSD-PIONEER VALLEY HS
Alias Type: Alternate Name
Alias Name: 110033611553
Alias Type: EPA (FRS #)
Alias Name: 304335
Alias Type: Project Code (Site Code)
Alias Name: 42010006
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/15/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 02/02/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 07/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIONEER VALLEY HIGH SCHOOL (Continued)

S105954590

Completed Date: 01/10/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 03/27/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 02/18/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 11/27/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 07/30/2003
Comments: Approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/22/2004
Comments: DTSC approved the Removal Action Completion Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 07/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/10/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 01/07/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 02/02/2004
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIONEER VALLEY HIGH SCHOOL (Continued)

S105954590

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 01/16/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 04/22/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/23/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 05/31/2002
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

34
NE
1/2-1
0.770 mi.
4066 ft.

Relative:
Higher

Actual:
226 ft.

SANTA BARBARA RESEARCH CENTER
2100 S. BLOSSER RD.
SANTA MARIA, CA 93458

RCRA-TSDF 1000394894
ENVIROSTOR CAD981385073
CA FID UST
RCRA NonGen / NLR
FINDS
ECHO
CUPA Listings
EMI
HWP

RCRA TSDF:

Treatment Storage and Disposal Type:	Storage, Treatment
Full Enforcement Universe:	Not reported
Corrective Action Workload Universe:	No
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage, Treatment
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
Operating TSDF Universe:	Not reported
Commercial TSD Indicator:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

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SANTA BARBARA RESEARCH CENTER (Continued)

1000394894

TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: Yes

ENVIROSTOR:

Name: SANTA BARBARA RESEARCH CENTER
Address: 2100 SOUTH BLOSSER ROAD
City,State,Zip: SANTA MARIA, CA 93454
Facility ID: 60001350
Status: Inactive - Needs Evaluation
Status Date: 10/23/2013
Site Code: 300327
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0
NPL: NO
Regulatory Agencies: HWMP
Lead Agency: HWMP
Program Manager: Not reported
Supervisor: Philip Chandler
Division Branch: Cleanup Chatsworth
Assembly: 35
Senate: 19
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.93564
Longitude: -120.4537
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 300327
Alias Type: Project Code (Site Code)
Alias Name: 60001350
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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SANTA BARBARA RESEARCH CENTER (Continued)

1000394894

CA FID UST:

Facility ID: 42001194
Regulated By: UTNKA
Regulated ID: CAX000121
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8059683511
Mail To: Not reported
Mailing Address: 75 COROMAR DR
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA MARIA 93454
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

RCRA Listings:

Date Form Received by Agency: 19980331
Handler Name: Santa Barbara Research Center
Handler Address: 2100 S BLOSSER RD
Handler City,State,Zip: SANTA MARIA, CA 93454
EPA ID: CAD981385073
Contact Name: SCOTT THOMPSON
Contact Address: 75 COROMAR DR
Contact City,State,Zip: GOLETA, CA 93117
Contact Telephone: 805-562-4386
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 75 COROMAR DR
Mailing City,State,Zip: GOLETA, CA 93117
Owner Name: Hughes Aircraft Co
Owner Type: Private
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No

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SANTA BARBARA RESEARCH CENTER (Continued)

1000394894

Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	Yes
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: HUGHES AIRCRAFT CO	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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SANTA BARBARA RESEARCH CENTER (Continued)

1000394894

Historic Generators:

Receive Date: 19930915
Handler Name: SANTA BARBARA RESEARCH CENTER
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19860212
Handler Name: SANTA BARBARA RESEARCH CENTER
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980331
Handler Name: SANTA BARBARA RESEARCH CENTER
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900406
Handler Name: SANTA BARBARA RESEARCH CENTER
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920227
Handler Name: SANTA BARBARA RESEARCH CENTER
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported

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SANTA BARBARA RESEARCH CENTER (Continued)

1000394894

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19940325
Handler Name:	SANTA BARBARA RESEARCH CENTER
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	334511
NAICS Description:	SEARCH, DETECTION, NAVIGATION, GUIDANCE, AERONAUTICAL, AND NAUTICAL SYSTEM AND INSTRUMENT MANUFACTURING

Has the Facility Received Notices of Violations:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - General
Date Violation was Determined:	19900227
Actual Return to Compliance Date:	19900507
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19900504
Enforcement Identifier:	001
Date of Enforcement Action:	19900404
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

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SANTA BARBARA RESEARCH CENTER (Continued)

1000394894

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	19900227
Actual Return to Compliance Date:	19900507
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19900504
Enforcement Identifier:	001
Date of Enforcement Action:	19900404
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

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SANTA BARBARA RESEARCH CENTER (Continued)

1000394894

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19900227
Actual Return to Compliance Date:	19900507
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19900504
Enforcement Identifier:	001
Date of Enforcement Action:	19900404
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

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SANTA BARBARA RESEARCH CENTER (Continued)

1000394894

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	19920310
Actual Return to Compliance Date:	19920602
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19920115
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	3100
Final Monetary Amount:	3100
Paid Amount:	3100
Final Count:	1
Final Amount:	3100
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	19920310
Actual Return to Compliance Date:	19920602
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001

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SANTA BARBARA RESEARCH CENTER (Continued)

1000394894

Date of Enforcement Action:	19920115
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	3100
Final Monetary Amount:	3100
Paid Amount:	3100
Final Count:	1
Final Amount:	3100
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	19920310
Actual Return to Compliance Date:	19920602
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19920115
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

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SANTA BARBARA RESEARCH CENTER (Continued)

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SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	3100
Final Monetary Amount:	3100
Paid Amount:	3100
Final Count:	1
Final Amount:	3100
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - Manifest and Recordkeeping
Date Violation was Determined:	19900227
Actual Return to Compliance Date:	19900507
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19900504
Enforcement Identifier:	001
Date of Enforcement Action:	19900404
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	19920310
Actual Return to Compliance Date:	19920602
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001

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SANTA BARBARA RESEARCH CENTER (Continued)

1000394894

Date of Enforcement Action: 19920115
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R9
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 3100
Final Monetary Amount: 3100
Paid Amount: 3100
Final Count: 1
Final Amount: 3100

Evaluation Action Summary:

Evaluation Date: 19900227
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19900507
Scheduled Compliance Date: 19900504
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19900227
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19900507
Scheduled Compliance Date: 19900504
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19941110

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SANTA BARBARA RESEARCH CENTER (Continued)

1000394894

Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900227
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900507
Scheduled Compliance Date:	19900504
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920115
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920602
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920115
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920602
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920115
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394894

Actual Return to Compliance Date: 19920602
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19900227
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19900507
Scheduled Compliance Date: 19900504
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19920115
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19920602
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394894

FINDS:

Registry ID: 110002146008

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000394894
Registry ID: 110002146008
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002146008>
Name: SANTA BARBARA RESEARCH CENTER
Address: 2100 S. BLOSSER RD.
City,State,Zip: SANTA MARIA, CA 93458

CUPA SANTA BARBARA:

Name: SANTA BARBARA RESEARCH CENTER
Address: 2100 S BLOSSER RD
City,State,Zip: SANTA MARIA, CA 93454
Facility Id: FA0004768
Region: SANTA BARBARA
Cross Street: BETTERAVIA
Latitude: Not reported
Longitude: Not reported
Mailing Name: SANTA BARBARA RESEARCH CENTER
Mailing Care Of: FACILITIES ENVIRONMENTAL
Mailing Address: 75 COROMAR DRIVE B6 65
Mailing City: GOLETA
Mailing State: CA
Mailing Zip Code: 93117
Record Id: PR0231746
Pe #: 2302
Current Status: 2

Name: UPS TELESERVICES
Address: 2100 S BLOSSER RD
City,State,Zip: SANTA MARIA, CA 93458
Facility Id: FA0013366
Region: SANTA BARBARA
Cross Street: Not reported
Latitude: Not reported
Longitude: Not reported
Mailing Name: UPS TELECOMMUNICATIONS INC
Mailing Care Of: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394894

Mailing Address: 2929 E CORONA RD
Mailing City: TUCSON
Mailing State: AZ
Mailing Zip Code: 85756
Record Id: PR0507855
Pe #: 2161
Current Status: 1

Name: UPS TELESERVICES
Address: 2100 S BLOSSER RD
City,State,Zip: SANTA MARIA, CA 93458
Facility Id: FA0013366
Region: SANTA BARBARA
Cross Street: Not reported
Latitude: Not reported
Longitude: Not reported
Mailing Name: UPS TELECOMMUNICATIONS INC
Mailing Care Of: Not reported
Mailing Address: 2929 E CORONA RD
Mailing City: TUCSON
Mailing State: AZ
Mailing Zip Code: 85756
Record Id: PR0508020
Pe #: 2601
Current Status: 1

Name: PACIFIC RESEARCH
Address: 2100 S BLOSSER RD
City,State,Zip: SANTA MARIA, CA 93455
Facility Id: FA0014146
Region: SANTA BARBARA
Cross Street: Not reported
Latitude: Not reported
Longitude: Not reported
Mailing Name: PACIFIC RESEARCH CENTER
Mailing Care Of: Not reported
Mailing Address: 750 PISMO ST
Mailing City: SAN LUIS OBISPO
Mailing State: CA
Mailing Zip Code: 93401
Record Id: PR0511748
Pe #: 2161
Current Status: 1

Name: PACIFIC RESEARCH
Address: 2100 S BLOSSER RD
City,State,Zip: SANTA MARIA, CA 93455
Facility Id: FA0014146
Region: SANTA BARBARA
Cross Street: Not reported
Latitude: Not reported
Longitude: Not reported
Mailing Name: PACIFIC RESEARCH CENTER
Mailing Care Of: Not reported
Mailing Address: 750 PISMO ST
Mailing City: SAN LUIS OBISPO
Mailing State: CA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394894

Mailing Zip Code: 93401
Record Id: PR0511749
Pe #: 2201
Current Status: 1

Name: PACIFIC RESEARCH
Address: 2100 S BLOSSER RD
City,State,Zip: SANTA MARIA, CA 93455
Facility Id: FA0014146
Region: SANTA BARBARA
Cross Street: Not reported
Latitude: Not reported
Longitude: Not reported
Mailing Name: PACIFIC RESEARCH CENTER
Mailing Care Of: Not reported
Mailing Address: 750 PISMO ST
Mailing City: SAN LUIS OBISPO
Mailing State: CA
Mailing Zip Code: 93401
Record Id: PR0512210
Pe #: 2601
Current Status: 2

EMI:

Name: RABOBANK - 2100 S. BLOSSER
Address: 2100 S. BLOSSER ROAD
City,State,Zip: SANTA MARIA, CA 93436
Year: 2014
County Code: 42
Air Basin: SCC
Facility ID: 10801
Air District Name: SB
SIC Code: 8731
Air District Name: SANTA BARBARA COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.066029
Reactive Organic Gases Tons/Yr: 0.0580064765
Carbon Monoxide Emissions Tons/Yr: 0.155596
NOX - Oxides of Nitrogen Tons/Yr: 0.730271
SOX - Oxides of Sulphur Tons/Yr: 5e-005
Particulate Matter Tons/Yr: 0.05178
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.05053728

Name: RABOBANK - 2100 S. BLOSSER
Address: 2100 S. BLOSSER ROAD
City,State,Zip: SANTA MARIA, CA 93436
Year: 2015
County Code: 42
Air Basin: SCC
Facility ID: 10801
Air District Name: SB
SIC Code: 8731
Air District Name: SANTA BARBARA COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.003114

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394894

Reactive Organic Gases Tons/Yr: 0.002735649
Carbon Monoxide Emissions Tons/Yr: 0.007338
NOX - Oxides of Nitrogen Tons/Yr: 0.03444
SOX - Oxides of Sulphur Tons/Yr: 2e-006
Particulate Matter Tons/Yr: 0.002442
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.002383392

Name: RABOBANK - 2100 S. BLOSSER
Address: 2100 S. BLOSSER ROAD
City,State,Zip: SANTA MARIA, CA 93455
Year: 2016
County Code: 42
Air Basin: SCC
Facility ID: 10801
Air District Name: SB
SIC Code: 6029
Air District Name: SANTA BARBARA COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.00734385
Reactive Organic Gases Tons/Yr: 0.006451572
Carbon Monoxide Emissions Tons/Yr: 0.01730545
NOX - Oxides of Nitrogen Tons/Yr: 0.081221
SOX - Oxides of Sulphur Tons/Yr: 5.66e-006
Particulate Matter Tons/Yr: 0.00575905
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.0056208328

Name: RABOBANK - 2100 S. BLOSSER
Address: 2100 S. BLOSSER ROAD
City,State,Zip: SANTA MARIA, CA 93455
Year: 2017
County Code: 42
Air Basin: SCC
Facility ID: 10801
Air District Name: SB
SIC Code: 6029
Air District Name: SANTA BARBARA COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: RABOBANK - 2100 S. BLOSSER
Address: 2100 S. BLOSSER ROAD
City,State,Zip: SANTA MARIA, CA 93455
Year: 2018
County Code: 42
Air Basin: SCC
Facility ID: 10801
Air District Name: SB
SIC Code: 6029
Air District Name: SANTA BARBARA COUNTY APCD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394894

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.0258462
Reactive Organic Gases Tons/Yr: 0.022705886
Carbon Monoxide Emissions Tons/Yr: 0.06143328
NOX - Oxides of Nitrogen Tons/Yr: 0.2850552
SOX - Oxides of Sulphur Tons/Yr: 0.000111552
Particulate Matter Tons/Yr: 0.0198702
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.0197509788

Name: MECHANICS BANK - BLOSSER
Address: 2100 S. BLOSSER ROAD
City,State,Zip: SANTA MARIA, CA 93455
Year: 2019
County Code: 42
Air Basin: SCC
Facility ID: 10801
Air District Name: SB
SIC Code: 6029
Air District Name: SANTA BARBARA COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.023926
Reactive Organic Gases Tons/Yr: 0.021018
Carbon Monoxide Emissions Tons/Yr: 0.056869
NOX - Oxides of Nitrogen Tons/Yr: 0.263876
SOX - Oxides of Sulphur Tons/Yr: 0.000103
Particulate Matter Tons/Yr: 0.018394
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.018283

Name: MECHANICS BANK - BLOSSER
Address: 2100 S. BLOSSER ROAD
City,State,Zip: SANTA MARIA, CA 93455
Year: 2020
County Code: 42
Air Basin: SCC
Facility ID: 10801
Air District Name: SB
SIC Code: 6029
Air District Name: SANTA BARBARA COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.023926
Reactive Organic Gases Tons/Yr: 0.021018
Carbon Monoxide Emissions Tons/Yr: 0.056869
NOX - Oxides of Nitrogen Tons/Yr: 0.263876
SOX - Oxides of Sulphur Tons/Yr: 0.000103
Particulate Matter Tons/Yr: 0.018394
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.018283

HWP:

EPA ID: CAD981385073
Name: SANTA BARBARA RESEARCH CENTER
Address: 2100 SO BLOSSER RD
Cleanup Status: CLOSED
Latitude: 34.92127
Longitude: -120.4527

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394894

Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Supervisor:	Not reported
Site Code:	300237
Senate District:	19
Assembly District:	35
Public Information Officer:	Not reported
Commercial Offsite Facility Types:	Not reported
Quarterly Update:	Inactive clean closed facility: Santa Barbara Research Center Santa Maria Facility (SBRC-SM, a subsidiary of Hughes Aircraft Company), was a permitted Hazardous Waste Storage and Treatment Facility, with an EPA I.D.Number CAD 981385073. On August 23, 1994, DTSC acknowledged a closure certification report for SBRC-SM Facility. Records validated, Liang Chiang, 11/1/05. On June2, 1994, SBRC-SM submitted a clean closure certification report for the clean closure of a hazardous waste storage unit and six bromine treatment units pursuant to an approved closure plan, dated September 20, 1993. On August 23, 1994, the Department of Toxic Substances Control (DTSC) acknowledged a closure certification report. A RCRA Facility Assessment is proposed by DTSC to evaluate whether the corrective action needed at the facility.
Project Manager Lead:	Not reported
Project Manager:	Not reported
Permit Type:	RCRA
Permit Effective Date:	Not reported
Permit Expiration Date:	Not reported
Calenviroscreen Score:	66-70%
Total Planned Hours:	Not reported
Total Planned Amount:	Not reported
Total Actual Hours:	Not reported
Activities:	
EPA ID:	CAD981385073
Facility Type:	Historical - Non-Operating
Facility Name:	SANTA BARBARA RESEARCH CENTER
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1985-05-31 00:00:00
Type:	RCRA
Title Description:	Imported 12/2011:PERMIT1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1, TANKTRT1
Event Description:	New Operating Permit - FINAL PERMIT
Actual Date:	05/31/1985
EPA ID:	CAD981385073
Facility Type:	Historical - Non-Operating
Facility Name:	SANTA BARBARA RESEARCH CENTER
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394894

Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1985-05-31 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, TANKTRT1
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 04/23/1990

EPA ID: CAD981385073
Facility Type: Historical - Non-Operating
Facility Name: SANTA BARBARA RESEARCH CENTER
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - Historical
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: Not reported
Type: RCRA
Title Description: Imported 12/2011:PERMIT2
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: Renewal - Historical - CALL-IN LETTER ISSUED
Actual Date: 08/06/1990

EPA ID: CAD981385073
Facility Type: Historical - Non-Operating
Facility Name: SANTA BARBARA RESEARCH CENTER
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1985-05-31 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, TANKTRT1
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 12/12/1983

EPA ID: CAD981385073
Facility Type: Historical - Non-Operating
Facility Name: SANTA BARBARA RESEARCH CENTER
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394894

Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1985-05-31 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, TANKTRT1
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 05/31/1985

EPA ID: CAD981385073
Facility Type: Historical - Non-Operating
Facility Name: SANTA BARBARA RESEARCH CENTER
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1985-05-31 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, TANKTRT1
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 02/08/1985

Closure:

EPA ID: CAD981385073
Facility Type: Historical - Non-Operating
Facility Name: SANTA BARBARA RESEARCH CENTER
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: RCRA
Title Description: Closure
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, TANKTRT1
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date: 01/22/1993

EPA ID: CAD981385073
Facility Type: Historical - Non-Operating
Facility Name: SANTA BARBARA RESEARCH CENTER
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394894

Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: RCRA
Title Description: Closure
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, TANKTRT1
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 08/23/1994

Alias:

EPA ID: CAD981385073
Facility Type: Historical - Non-Operating
Facility Name: SANTA BARBARA RESEARCH CENTER
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: Project Code (Site Code)
Alias: 300237

K35
SSE
1/2-1
0.890 mi.
4701 ft.

WESTERN AIR LINES

FUDS 1024903709
N/A

BURBANK, CA

Site 1 of 2 in cluster K

Relative:
Higher

Actual:
219 ft.

FUDS:

EPA Region: 09
Installation ID: CA99799F568700
Congressional District Number: 24
Name: WESTERN AIR LINES
FUDS Number: J09CA0706
City: BURBANK
State: CA
County: LOS ANGELES
Object ID: 532
USACE Division: SPD
USACE District: Los Angeles District (SPL)
Status: Properties without projects
Current Owner: OTHER: OTHER
EMS Map Link: <https://fudportal.usace.army.mil/ems/inventory/map?id=61236>
Eligibility: Ineligible
Has Projects: No
NPL Status: Not reported
Project Required: No
Feature Description: Not reported
Latitude: 34.9
Longitude: -120.45972222

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K36
SSE
1/2-1
0.891 mi.
4703 ft.

WESTERN AIR LINES
SANTA MARIA, CA
Site 2 of 2 in cluster K

ENVIROSTOR **S107737603**
N/A

Relative:
Higher

ENVIROSTOR:

Actual:
220 ft.

Name: WESTERN AIR LINES
Address: Not reported
City,State,Zip: SANTA MARIA, CA
Facility ID: 80000368
Status: Inactive - Needs Evaluation
Status Date: 07/01/2005
Site Code: Not reported
Site Type: Military Evaluation
Site Type Detailed: FUDS
Acres: 1
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 35
Senate: 19
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 34.9
Longitude: -120.4597
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799F568700
Alias Type: Federal Facility ID
Alias Name: J09CA0706
Alias Type: INPR
Alias Name: 80000368
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

37
SSE
1/2-1
0.917 mi.
4844 ft.

VAN AFB-SAN MARIA AIRPORT
SANTA MARIA, CA

ENVIROSTOR S107737533
N/A

Relative:
Higher

Actual:
223 ft.

ENVIROSTOR:
Name: VAN AFB-SAN MARIA AIRPORT
Address: Not reported
City,State,Zip: SANTA MARIA, CA
Facility ID: 80000502
Status: Inactive - Needs Evaluation
Status Date: 07/01/2005
Site Code: Not reported
Site Type: Military Evaluation
Site Type Detailed: FUDS
Acres: 0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 35
Senate: 19
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 34.9
Longitude: -120.4583
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799F565500
Alias Type: Federal Facility ID
Alias Name: J09CA0670
Alias Type: INPR
Alias Name: 80000502
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Count: 6 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SANTA MARIA	S127085238	HELENA AGRI-ENTERPRISES, LLC	2397 & 2399 A ST	93455	CERS HAZ WASTE
SANTA MARIA	S127815575	UNOCAL PADEREWSKI LEASE	BETTERAVIA ROAD BETTERAVIA ROA	93455	CPS-SLIC
SANTA MARIA	S127035026	ENOS 2-23 OIL WELL	BETTERAVIA/COLLEGE	93455	CPS-SLIC
SANTA MARIA	S114732424	SANTA MARIA AIRPORT PROPERTY	W END OF FOSTER RD AT BLOSSER		RGA LF
SANTA MARIA	S122853944	UNOCAL VICENTE LEASE LOT # 8	A STREET	93455	CPS-SLIC
SANTA MARIA	S125339526	VICENTE LEASE WELLHEADS	A STREET (WEST BETWEEN CARMEN	93458	CPS-SLIC

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/26/2023	Source: EPA
Date Data Arrived at EDR: 05/02/2023	Telephone: N/A
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 06/02/2023
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/26/2023	Source: EPA
Date Data Arrived at EDR: 05/02/2023	Telephone: N/A
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 06/02/2023
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: N/A
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/26/2023
Date Data Arrived at EDR: 03/28/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 03/28/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/26/2023	Source: EPA
Date Data Arrived at EDR: 05/02/2023	Telephone: 800-424-9346
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 06/02/2023
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/24/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/06/2023	Source: EPA
Date Data Arrived at EDR: 03/09/2023	Telephone: 800-424-9346
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/08/2023
Date Data Arrived at EDR: 02/09/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 82

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/20/2023
Date Data Arrived at EDR: 02/21/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/20/2023
Date Data Arrived at EDR: 02/21/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/20/2023

Date Data Arrived at EDR: 03/21/2023

Date Made Active in Reports: 05/30/2023

Number of Days to Update: 70

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 03/21/2023

Next Scheduled EDR Contact: 07/03/2023

Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity.

These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 01/23/2023

Date Data Arrived at EDR: 01/24/2023

Date Made Active in Reports: 04/10/2023

Number of Days to Update: 76

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 04/25/2023

Next Scheduled EDR Contact: 08/07/2023

Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 01/23/2023

Date Data Arrived at EDR: 01/24/2023

Date Made Active in Reports: 04/10/2023

Number of Days to Update: 76

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 04/25/2023

Next Scheduled EDR Contact: 08/07/2023

Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/06/2023

Date Data Arrived at EDR: 02/07/2023

Date Made Active in Reports: 04/26/2023

Number of Days to Update: 78

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 05/08/2023

Next Scheduled EDR Contact: 08/21/2023

Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/30/2023
Number of Days to Update: 23

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/08/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 134

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/26/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 03/29/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 05/24/2023
Number of Days to Update: 78

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 02/23/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 05/26/2023
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/23/2022	Source: EPA Region 10
Date Data Arrived at EDR: 12/06/2022	Telephone: 206-553-2857
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 134	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/23/2022	Source: EPA Region 4
Date Data Arrived at EDR: 12/06/2022	Telephone: 404-562-9424
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/19/2022	Source: EPA, Region 1
Date Data Arrived at EDR: 12/06/2022	Telephone: 617-918-1313
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/23/2022	Source: EPA Region 9
Date Data Arrived at EDR: 12/06/2022	Telephone: 415-972-3368
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 11/23/2022	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2022	Telephone: 303-312-6137
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 12/06/2022	Telephone: 913-551-7003
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 03/17/2023
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 01/23/2023	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/24/2023	Telephone: 916-323-3400
Date Made Active in Reports: 04/10/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Quarterly

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/20/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/21/2023	Telephone: 916-323-7905
Date Made Active in Reports: 06/06/2023	Last EDR Contact: 03/21/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 04/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/13/2023	Telephone: 202-566-2777
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 06/08/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 09/25/2023
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 04/19/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 05/24/2023
Number of Days to Update: 78

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/16/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/13/2023
Number of Days to Update: 83

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/31/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/19/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014

Date Data Arrived at EDR: 08/06/2014

Date Made Active in Reports: 01/29/2015

Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service

Telephone: 301-443-1452

Last EDR Contact: 04/27/2023

Next Scheduled EDR Contact: 08/07/2023

Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 01/06/2023

Date Data Arrived at EDR: 02/02/2023

Date Made Active in Reports: 02/10/2023

Number of Days to Update: 8

Source: Drug Enforcement Administration

Telephone: 202-307-1000

Last EDR Contact: 05/23/2023

Next Scheduled EDR Contact: 09/04/2023

Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005

Date Data Arrived at EDR: 08/03/2006

Date Made Active in Reports: 08/24/2006

Number of Days to Update: 21

Source: Department of Toxic Substance Control

Telephone: 916-323-3400

Last EDR Contact: 02/23/2009

Next Scheduled EDR Contact: 05/25/2009

Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 01/23/2023

Date Data Arrived at EDR: 01/24/2023

Date Made Active in Reports: 04/10/2023

Number of Days to Update: 76

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 04/25/2023

Next Scheduled EDR Contact: 08/07/2023

Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2020

Date Data Arrived at EDR: 11/30/2022

Date Made Active in Reports: 02/09/2023

Number of Days to Update: 71

Source: Department of Toxic Substances Control

Telephone: 916-255-6504

Last EDR Contact: 06/06/2023

Next Scheduled EDR Contact: 08/14/2023

Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/05/2023
Date Data Arrived at EDR: 01/06/2023
Date Made Active in Reports: 01/11/2023
Number of Days to Update: 5

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/18/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 01/06/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 8

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 02/03/2023
Date Data Arrived at EDR: 02/07/2023
Date Made Active in Reports: 04/25/2023
Number of Days to Update: 77

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 01/06/2023
Date Data Arrived at EDR: 01/06/2023
Date Made Active in Reports: 01/11/2023
Number of Days to Update: 5

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/18/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 02/23/2023
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 03/23/2023
Number of Days to Update: 27

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 02/27/2023
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 78

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/19/2023	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/21/2023	Telephone: 202-366-4555
Date Made Active in Reports: 05/30/2023	Last EDR Contact: 03/21/2023
Number of Days to Update: 70	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 08/02/2022	Source: Office of Emergency Services
Date Data Arrived at EDR: 10/17/2022	Telephone: 916-845-8400
Date Made Active in Reports: 01/04/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/06/2023	Source: State Water Quality Control Board
Date Data Arrived at EDR: 03/07/2023	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2023	Last EDR Contact: 06/05/2023
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/18/2023
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/06/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/07/2023	Telephone: 866-480-1028
Date Made Active in Reports: 03/31/2023	Last EDR Contact: 06/05/2023
Number of Days to Update: 24	Next Scheduled EDR Contact: 09/18/2023
	Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 02/01/2023
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 77

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/16/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/11/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/13/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 05/01/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 05/04/2023
Number of Days to Update: 73	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020	Source: EPA
Date Data Arrived at EDR: 06/14/2022	Telephone: 202-260-5521
Date Made Active in Reports: 03/24/2023	Last EDR Contact: 03/13/2023
Number of Days to Update: 283	Next Scheduled EDR Contact: 06/26/2023
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2021	Source: EPA
Date Data Arrived at EDR: 02/16/2023	Telephone: 202-566-0250
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 05/19/2023
Number of Days to Update: 75	Next Scheduled EDR Contact: 08/28/2023
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 01/17/2023	Source: EPA
Date Data Arrived at EDR: 01/18/2023	Telephone: 202-564-4203
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 04/18/2023
Number of Days to Update: 91	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/04/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/13/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/03/2022
Date Data Arrived at EDR: 01/04/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 89

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/29/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/15/2023	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 03/21/2023	Telephone: 301-415-7169
Date Made Active in Reports: 05/30/2023	Last EDR Contact: 04/13/2023
Number of Days to Update: 70	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020	Source: Department of Energy
Date Data Arrived at EDR: 11/30/2021	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 05/25/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 05/25/2023
Number of Days to Update: 251	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/04/2023
Number of Days to Update: 96	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 03/23/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 01/28/2020	Telephone: 202-366-4595
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 04/25/2023
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 85

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/24/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 02/27/2023
Date Data Arrived at EDR: 03/01/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 23

Source: DOL, Mine Safety & Health Admini
Telephone: 202-693-9424
Last EDR Contact: 05/24/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/02/2023
Date Data Arrived at EDR: 02/22/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/24/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 05/25/2023
Number of Days to Update: 97	Next Scheduled EDR Contact: 09/04/2023
	Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/17/2023	Source: Department of Interior
Date Data Arrived at EDR: 03/17/2023	Telephone: 202-208-2609
Date Made Active in Reports: 05/30/2023	Last EDR Contact: 05/31/2023
Number of Days to Update: 74	Next Scheduled EDR Contact: 09/18/2023
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/02/2023	Source: EPA
Date Data Arrived at EDR: 02/28/2023	Telephone: (415) 947-8000
Date Made Active in Reports: 03/24/2023	Last EDR Contact: 05/25/2023
Number of Days to Update: 24	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 05/17/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 09/04/2023
	Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021	Source: Department of Defense
Date Data Arrived at EDR: 10/20/2022	Telephone: 703-704-1564
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 04/27/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 07/24/2023
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2023
Date Data Arrived at EDR: 01/04/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 03/31/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/13/2023
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 64

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 07/08/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 123

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 06/08/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020	Source: Department of Health & Human Services
Date Data Arrived at EDR: 03/17/2021	Telephone: 202-741-5770
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 04/20/2023
Number of Days to Update: 601	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 33	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/07/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 8	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 04/27/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2023	Telephone: 202-272-0167
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 04/27/2023
Number of Days to Update: 5	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 03/06/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/07/2023	Telephone: 866-480-1028
Date Made Active in Reports: 05/05/2023	Last EDR Contact: 06/02/2023
Number of Days to Update: 59	Next Scheduled EDR Contact: 09/18/2023
	Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 03/06/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/07/2023	Telephone: 916-341-5455
Date Made Active in Reports: 05/23/2023	Last EDR Contact: 06/02/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 09/18/2023
	Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/20/2023	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 03/21/2023	Telephone: 916-323-3400
Date Made Active in Reports: 06/06/2023	Last EDR Contact: 03/21/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 12/07/2021	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 05/09/2022	Telephone: 925-454-2361
Date Made Active in Reports: 05/17/2022	Last EDR Contact: 05/08/2023
Number of Days to Update: 8	Next Scheduled EDR Contact: 08/21/2023
	Data Release Frequency: Varies

DRYCLEAN NO SONOMA CO DIST: Norther Sonoma County County Air Pollution Control District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Northern Sonoma County Air Pollution Control District.,

Date of Government Version: 04/17/2019	Source: Santa Barbara County Air Pollution Control District
Date Data Arrived at EDR: 04/17/2019	Telephone: 707-433-5911
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1475	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN PLACER CO DIST: Placer County Air Quality Management District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Placer County Air Quality Management District.

Date of Government Version: 01/16/2018	Source: Placer County Air Quality Management District
Date Data Arrived at EDR: 04/19/2019	Telephone: 530-745-2335
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 05/11/2023
Number of Days to Update: 1473	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN BAY AREA DIST: Bay Area Air Quality Management District Drycleaner Facility Listing

Bay Area Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 02/20/2019	Source: Bay Area Air Quality Management District
Date Data Arrived at EDR: 05/30/2019	Telephone: 415-516-1916
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/24/2023
Number of Days to Update: 1432	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN BUTTE CO DIST: Butte County Air Quality Management District Drycleaner Facility Listing

Butte County Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 12/31/2018	Source: Butte County Air Quality Management District
Date Data Arrived at EDR: 04/23/2019	Telephone: 530-332-9400
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/24/2023
Number of Days to Update: 1469	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN CALAVERAS CO DIST: Calaveras County Environmental Management Agency Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Calaveras County Environmental Management Agency.

Date of Government Version: 06/17/2019	Source: Calaveras County Environmental Management Agency
Date Data Arrived at EDR: 06/19/2019	Telephone: 209-754-6399
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/24/2023
Number of Days to Update: 1412	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEAN EAST KERN DIST: Eastern Kern Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Eastern Kern Air Pollution Control District.

Date of Government Version: 04/17/2019	Source: Eastern Kern Air Pollution Control District
Date Data Arrived at EDR: 04/17/2019	Telephone: 661-862-9684
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1475	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN GLENN CO DIST: Glenn County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Glenn County Air Pollution Control District.

Date of Government Version: 04/17/2019	Source: Glenn County Air Pollution Control District
Date Data Arrived at EDR: 04/17/2019	Telephone: 530-934-6500
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 05/03/2023
Number of Days to Update: 1475	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN GRANT: Grant Recipients List

Assembly Bill 998 (AB 998) established the Non-Toxic Dry Cleaning Incentive Program to provide financial assistance to the dry cleaning industry to switch from systems using perchloroethylene (Perc), an identified toxic air contaminant and potential human carcinogen, to non-toxic and non-smog forming alternatives.

Date of Government Version: 12/31/2020	Source: California Air Resources Board
Date Data Arrived at EDR: 02/04/2021	Telephone: 916-323-0006
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 05/11/2023
Number of Days to Update: 816	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Varies

DRYCLEAN IMPERIAL CO DIST: Imperial County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Imperial County Air Pollution Control District

Date of Government Version: 05/14/2019	Source: Imperial County Air Pollution Control District
Date Data Arrived at EDR: 05/17/2019	Telephone: 442-265-1800
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1445	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN LAKE CO DIST: Lake County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Lake County Air Quality Management District,

Date of Government Version: 04/29/2019	Source: Lake County Air Quality Management District
Date Data Arrived at EDR: 05/07/2019	Telephone: 707-263-7000
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 05/11/2023
Number of Days to Update: 1455	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN MENDO CO DIST: Mendocino County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mendocino County Air Quality Management District.

Date of Government Version: 02/08/2019	Source: Mendocino County Air Quality Management District
Date Data Arrived at EDR: 05/21/2019	Telephone: 707-463-4354
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1441	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN MOJAVE DESERT DIST: Mojave Desert Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mojave Desert Air Quality Management District.

Date of Government Version: 04/17/2019	Source: Mojave Desert Air Quality Management District
Date Data Arrived at EDR: 04/17/2019	Telephone: 760-245-1661
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1475	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEAN MONTEREY BAY DIST: Monterey Bay Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Monterey Bay Air Quality Management District.

Date of Government Version: 04/17/2019	Source: Monterey Bay Air Quality Management District
Date Data Arrived at EDR: 04/17/2019	Telephone: 831-647-9411
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1475	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN NO COAST UNIFIED DIST: North Coast Unified Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the North Coast Unified Air Quality Management District.

Date of Government Version: 11/30/2016	Source: North Coast Unified Air Quality Management District
Date Data Arrived at EDR: 04/19/2019	Telephone: 707-443-3093
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1473	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN NO SIERRA DIST: Northern Sierra Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sierra Air Quality Management District,

Date of Government Version: 05/07/2019	Source: Northern Sierra Air Quality Management District
Date Data Arrived at EDR: 05/07/2019	Telephone: 530-274-9350
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1455	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN SAN DIEGO CO DIST: San Diego County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Diego County Air Pollution Control District.

Date of Government Version: 02/01/2019	Source: San Diego County Air Pollution Control District
Date Data Arrived at EDR: 05/01/2019	Telephone: 858-586-2616
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1461	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN SACRAMENTO METO DIST: Sacramento Metropolitan Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Sacramento Metropolitan Air Quality Management District.

Date of Government Version: 04/24/2019	Source: Sacramento Metropolitan Air Quality Management District
Date Data Arrived at EDR: 04/25/2019	Telephone: 916-874-3958
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1467	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN SANTA BARB CO DIST: Santa Barbara County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Santa Barbara County Air Pollution Control District.

Date of Government Version: 02/19/2019	Source: Santa Barbara County Air Pollution Control District
Date Data Arrived at EDR: 04/17/2019	Telephone: 805-961-8867
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1475	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

DRYCLEAN SAN JOAQ VAL DIST: San Joaquin Valley Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Joaquin Valley Air Pollution Control District.

Date of Government Version: 05/01/2019	Source: San Joaquin Valley Air Pollution Control District
Date Data Arrived at EDR: 05/03/2019	Telephone: 559-230-6001
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 05/11/2023
Number of Days to Update: 1459	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEAN SAN LUIS OB CO DIST: San Luis Obispo County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Luis Obispo County Air Pollution Control District.

Date of Government Version: 04/23/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1467

Source: San Luis Obispo County Air Pollution Control District
Telephone: 805-781-5756
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SHASTA CO DIST: Shasta County Air Quality Management District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Shasta County Air Quality Management District.

Date of Government Version: 04/17/2019
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473

Source: Shasta County Air Quality Management District
Telephone: 530-225-5674
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN TEHAMA CO DIST: Tehama County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Tehama County Air Pollution Control District.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1468

Source: Tehama County Air Pollution Control District
Telephone: 530-527-3717
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN YOLO-SOLANO DIST: Yolo-Solano Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Yolo-Solano Air Quality Management District.

Date of Government Version: 05/31/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1425

Source: Yolo-Solano Air Quality Management District
Telephone: 530-757-3650
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN FEATHER RIVER DIST: Feather River Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Feather River Air Quality Management District.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 06/05/2023
Number of Days to Update: 88

Source: Feather River Air Quality Management District
Telephone: 530-634-7659
Last EDR Contact: 06/08/2023
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/27/2021
Date Data Arrived at EDR: 09/01/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 79

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Annually

DRYCLEAN VENTURA CO DIST: Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Ventura County Air Pollution Control District.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/16/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475

Source: Ventura County Air Pollution Control District
Telephone: 805-645-1421
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 02/17/2023
Date Data Arrived at EDR: 02/17/2023
Date Made Active in Reports: 05/09/2023
Number of Days to Update: 81

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 02/23/2023
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/15/2023
Number of Days to Update: 80

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/30/2022
Number of Days to Update: 78

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/16/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 01/10/2023
Date Data Arrived at EDR: 01/18/2023
Date Made Active in Reports: 04/04/2023
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/18/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 01/11/2023
Date Data Arrived at EDR: 01/17/2023
Date Made Active in Reports: 04/04/2023
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/06/2023
Date Data Arrived at EDR: 02/15/2023
Date Made Active in Reports: 05/09/2023
Number of Days to Update: 83

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/13/2023	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/14/2023	Telephone: 877-786-9427
Date Made Active in Reports: 05/08/2023	Last EDR Contact: 05/16/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 08/28/2023
	Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/13/2023	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/14/2023	Telephone: 916-323-3400
Date Made Active in Reports: 05/08/2023	Last EDR Contact: 05/16/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 08/28/2023
	Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 01/03/2023	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/04/2023	Telephone: 916-440-7145
Date Made Active in Reports: 03/21/2023	Last EDR Contact: 04/04/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2021	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/05/2022	Telephone: 916-255-1136
Date Made Active in Reports: 09/19/2022	Last EDR Contact: 04/06/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Annually

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/06/2023	Source: Department of Conservation
Date Data Arrived at EDR: 03/07/2023	Telephone: 916-322-1080
Date Made Active in Reports: 05/23/2023	Last EDR Contact: 06/02/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 09/18/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 01/09/2023	Source: Department of Public Health
Date Data Arrived at EDR: 02/28/2023	Telephone: 916-558-1784
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 05/25/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/06/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 02/07/2023	Telephone: 916-445-9379
Date Made Active in Reports: 04/28/2023	Last EDR Contact: 05/08/2023
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/21/2023
	Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 02/27/2023	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 02/28/2023	Telephone: 916-445-4038
Date Made Active in Reports: 05/22/2023	Last EDR Contact: 05/25/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/06/2023	Source: Department of Conservation
Date Data Arrived at EDR: 03/07/2023	Telephone: 916-323-3836
Date Made Active in Reports: 03/31/2023	Last EDR Contact: 06/02/2023
Number of Days to Update: 24	Next Scheduled EDR Contact: 09/18/2023
	Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/09/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/10/2023	Telephone: 916-445-3846
Date Made Active in Reports: 05/24/2023	Last EDR Contact: 06/06/2023
Number of Days to Update: 75	Next Scheduled EDR Contact: 09/25/2023
	Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020	Source: City of San Jose Fire Department
Date Data Arrived at EDR: 11/05/2020	Telephone: 408-535-7694
Date Made Active in Reports: 01/26/2021	Last EDR Contact: 04/26/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 03/06/2023	Source: Department of Conservation
Date Data Arrived at EDR: 03/07/2023	Telephone: 916-445-2408
Date Made Active in Reports: 03/31/2023	Last EDR Contact: 06/02/2023
Number of Days to Update: 24	Next Scheduled EDR Contact: 09/18/2023
	Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 03/06/2023	Source: State Water Resource Control Board
Date Data Arrived at EDR: 03/07/2023	Telephone: 866-480-1028
Date Made Active in Reports: 03/31/2023	Last EDR Contact: 06/05/2023
Number of Days to Update: 24	Next Scheduled EDR Contact: 09/18/2023
	Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 07/01/2021	Telephone: 559-445-5577
Date Made Active in Reports: 09/29/2021	Last EDR Contact: 04/06/2023
Number of Days to Update: 90	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 05/10/2023
Number of Days to Update: 9	Next Scheduled EDR Contact: 08/28/2023
	Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 03/16/2023
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 03/06/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/07/2023	Telephone: 866-480-1028
Date Made Active in Reports: 03/31/2023	Last EDR Contact: 06/05/2023
Number of Days to Update: 24	Next Scheduled EDR Contact: 09/18/2023
	Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 05/24/2023
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 02/27/2023
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 01/05/2023
Date Data Arrived at EDR: 01/06/2023
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 4

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/18/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 04/05/2022
Date Data Arrived at EDR: 04/05/2022
Date Made Active in Reports: 04/26/2022
Number of Days to Update: 21

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 04/13/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/07/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 06/08/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: No Update Planned

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/29/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 12/28/2022
Date Data Arrived at EDR: 12/28/2022
Date Made Active in Reports: 03/17/2023
Number of Days to Update: 79

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/29/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA AMADOR: CUPA Facility List Cupa Facility List

Date of Government Version: 01/31/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 76

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 03/29/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 03/17/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 06/06/2023
Number of Days to Update: 77

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/16/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 12/28/2022
Date Data Arrived at EDR: 01/24/2023
Date Made Active in Reports: 04/10/2023
Number of Days to Update: 76

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/19/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 02/13/2023
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 05/08/2023
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/19/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 01/13/2023
Date Data Arrived at EDR: 01/17/2023
Date Made Active in Reports: 04/04/2023
Number of Days to Update: 77

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 77

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List

A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 01/30/2023
Date Data Arrived at EDR: 02/01/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 77

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 01/30/2023
Date Data Arrived at EDR: 02/01/2023
Date Made Active in Reports: 04/21/2023
Number of Days to Update: 79

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

LAKE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 05/31/2023
Number of Days to Update: 34

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/05/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/09/2023
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 03/29/2023
Number of Days to Update: 76

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 03/29/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/09/2023
Date Data Arrived at EDR: 01/10/2023
Date Made Active in Reports: 03/23/2023
Number of Days to Update: 72

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/11/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 03/29/2023
Number of Days to Update: 76

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/05/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LOS ANGELES AST: Active & Inactive AST Inventory

A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 03/16/2023
Number of Days to Update: 58	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 01/10/2022	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 01/12/2022	Telephone: 626-458-6973
Date Made Active in Reports: 04/04/2022	Last EDR Contact: 04/05/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 07/24/2023
	Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 11/01/2022	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 12/14/2022	Telephone: 213-978-3800
Date Made Active in Reports: 03/07/2023	Last EDR Contact: 03/24/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 11/01/2022	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 12/14/2022	Telephone: 213-978-3800
Date Made Active in Reports: 03/07/2023	Last EDR Contact: 03/24/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/26/2021	Source: Community Health Services
Date Data Arrived at EDR: 07/09/2021	Telephone: 323-890-7806
Date Made Active in Reports: 09/29/2021	Last EDR Contact: 04/18/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 04/05/2023
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/24/2023
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 562-570-2563
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 04/12/2023
Number of Days to Update: 65	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/18/2022	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 10/19/2022	Telephone: 310-618-2973
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 04/12/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/12/2020	Telephone: 559-675-7823
Date Made Active in Reports: 10/23/2020	Last EDR Contact: 05/10/2023
Number of Days to Update: 72	Next Scheduled EDR Contact: 08/28/2023
	Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 03/22/2023
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021	Source: Department of Public Health
Date Data Arrived at EDR: 11/18/2021	Telephone: 707-463-4466
Date Made Active in Reports: 11/22/2021	Last EDR Contact: 05/17/2023
Number of Days to Update: 4	Next Scheduled EDR Contact: 09/04/2023
	Data Release Frequency: Annually

MERCED COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA MERCED: CUPA Facility List CUPA facility list.

Date of Government Version: 02/15/2022
Date Data Arrived at EDR: 02/17/2022
Date Made Active in Reports: 05/11/2022
Number of Days to Update: 83

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 03/22/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List CUPA facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/23/2023
Date Data Arrived at EDR: 01/25/2023
Date Made Active in Reports: 04/10/2023
Number of Days to Update: 75

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 02/02/2023
Date Data Arrived at EDR: 02/09/2023
Date Made Active in Reports: 05/09/2023
Number of Days to Update: 89

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/02/2023
Date Data Arrived at EDR: 02/09/2023
Date Made Active in Reports: 05/04/2023
Number of Days to Update: 84

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/06/2023
Date Data Arrived at EDR: 02/09/2023
Date Made Active in Reports: 05/03/2023
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 08/26/2022
Date Data Arrived at EDR: 08/29/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 78

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 05/08/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

RIVERSIDE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/18/2023
Date Data Arrived at EDR: 01/19/2023
Date Made Active in Reports: 04/04/2023
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 01/18/2023
Date Data Arrived at EDR: 01/19/2023
Date Made Active in Reports: 04/04/2023
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 82

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 02/08/2023
Date Data Arrived at EDR: 02/09/2023
Date Made Active in Reports: 05/04/2023
Number of Days to Update: 84

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/15/2023
Date Data Arrived at EDR: 02/15/2023
Date Made Active in Reports: 05/09/2023
Number of Days to Update: 83

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 02/27/2023
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 78

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/27/2021
Date Data Arrived at EDR: 03/04/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 88

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/03/2023
Date Data Arrived at EDR: 02/07/2023
Date Made Active in Reports: 04/26/2023
Number of Days to Update: 78

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 04/28/2023
Date Data Arrived at EDR: 04/28/2023
Date Made Active in Reports: 05/03/2023
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

SAN FRANCISCO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing

a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 10/11/2022
Date Data Arrived at EDR: 10/14/2022
Date Made Active in Reports: 01/04/2023
Number of Days to Update: 82

Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 04/13/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List Cupa Facility List.

Date of Government Version: 02/09/2023
Date Data Arrived at EDR: 02/10/2023
Date Made Active in Reports: 05/05/2023
Number of Days to Update: 84

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

SAN MATEO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BI SAN MATEO: Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/08/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 05/31/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 02/10/2023
Date Data Arrived at EDR: 02/10/2023
Date Made Active in Reports: 05/05/2023
Number of Days to Update: 84

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: No Update Planned

SANTA CRUZ COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA SANTA CRUZ: CUPA Facility List CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/28/2021
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/16/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA STANISLAUS: CUPA Facility List Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/05/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks Underground storage tank sites located in Sutter county.

Date of Government Version: 08/03/2022
Date Data Arrived at EDR: 08/25/2022
Date Made Active in Reports: 11/14/2022
Number of Days to Update: 81

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List Cupa facilities

Date of Government Version: 11/17/2022
Date Data Arrived at EDR: 11/21/2022
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 81

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List Cupa facility list

Date of Government Version: 01/13/2023
Date Data Arrived at EDR: 01/17/2023
Date Made Active in Reports: 04/04/2023
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

TUOLUMNE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA TUOLUMNE: CUPA Facility List Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 12/27/2022
Date Data Arrived at EDR: 01/26/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 83

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/17/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/22/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 12/27/2022
Date Data Arrived at EDR: 01/26/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 83

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/17/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/27/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 05/24/2023
Number of Days to Update: 78

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Quarterly

YOLO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/19/2022
Date Data Arrived at EDR: 12/27/2022
Date Made Active in Reports: 03/17/2023
Number of Days to Update: 80

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/22/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 01/26/2023
Date Data Arrived at EDR: 01/27/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 82

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/16/2022
Date Data Arrived at EDR: 11/16/2022
Date Made Active in Reports: 02/06/2023
Number of Days to Update: 82

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/27/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/10/2022
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SANTA MARIA AIRPORT
NOT REPORTED
SANTA MARIA, CA 93455

TARGET PROPERTY COORDINATES

Latitude (North):	34.913653 - 34° 54' 49.15"
Longitude (West):	120.465031 - 120° 27' 54.11"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	731594.4
UTM Y (Meters):	3866203.8
Elevation:	213 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12004665 SANTA MARIA, CA
Version Date:	2018

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

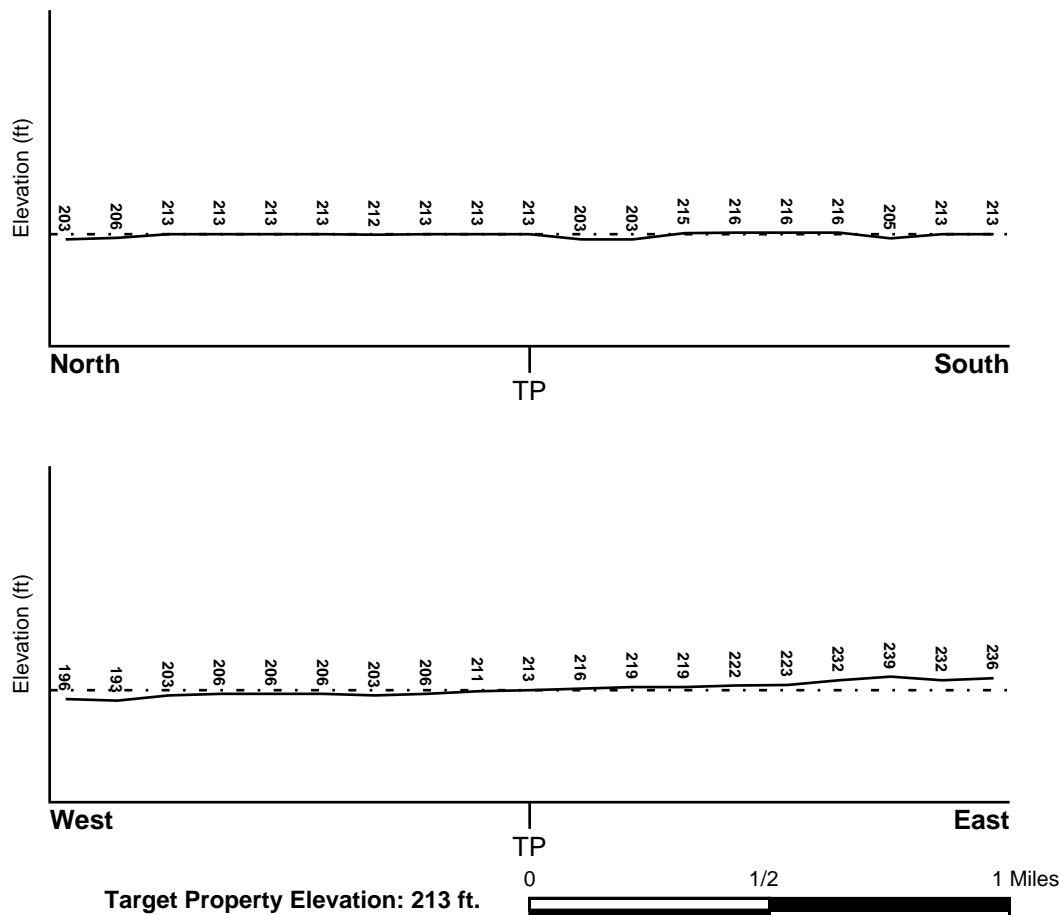
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06083C0187F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06083C0186F	FEMA FIRM Flood data
06083C0188G	FEMA FIRM Flood data
06083C0189G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
SANTA MARIA	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
20	1/2 - 1 Mile NNE	SW
40	1/2 - 1 Mile NW	W
2G	1/2 - 1 Mile NW	W
4G	1/2 - 1 Mile NNE	SW

For additional site information, refer to Physical Setting Source Map Findings.

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

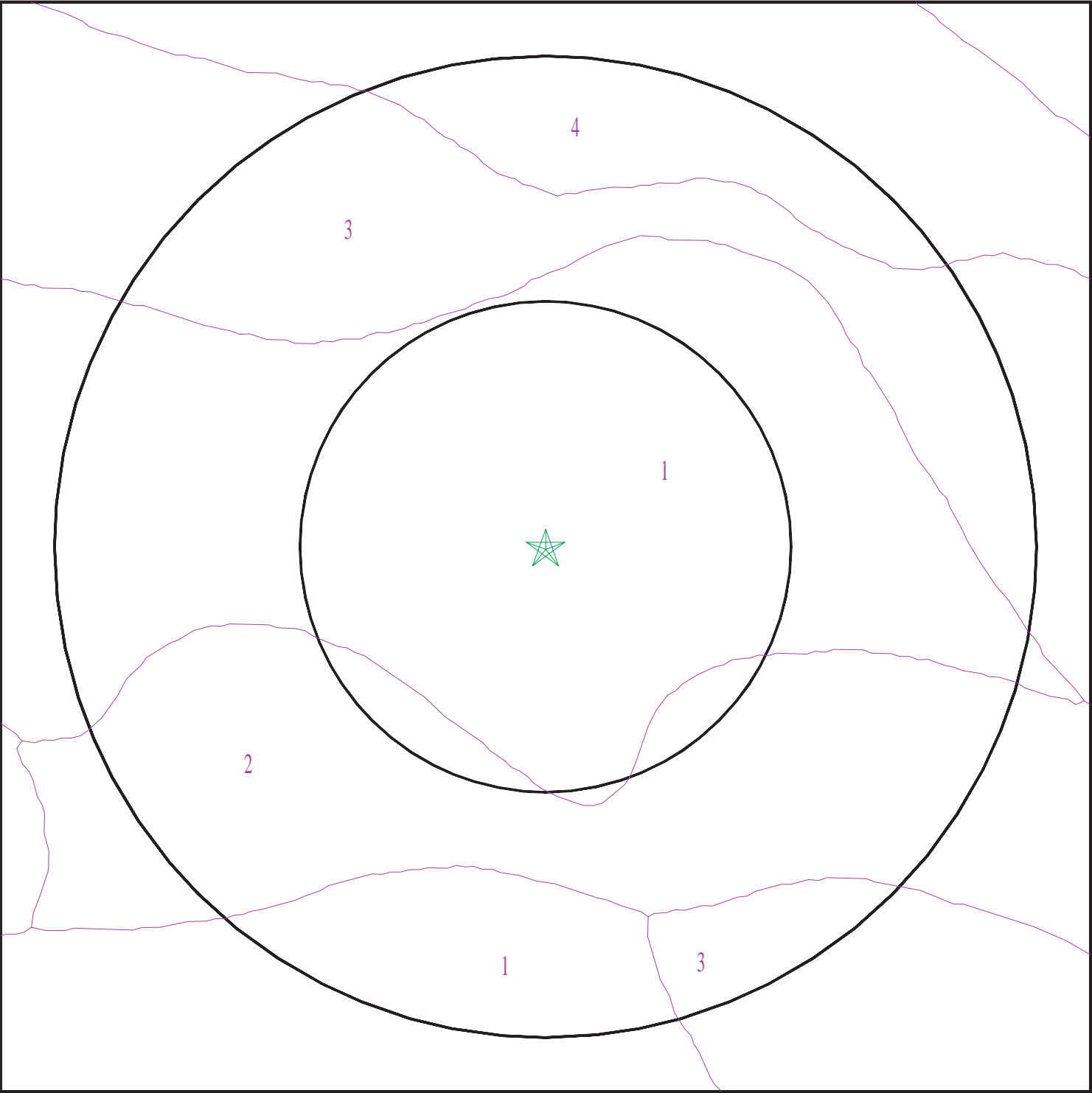
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

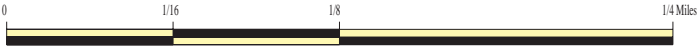
Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 07360106.2r



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Santa Maria Airport
ADDRESS: Not Reported
Santa Maria CA 93455
LAT/LONG: 34.913653 / 120.465031

CLIENT: Rincon
CONTACT: Lauren Vigliotti
INQUIRY #: 07360106.2r
DATE: June 09, 2023 1:21 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Narlon variant

Soil Surface Texture: sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 48 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	25 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0.01 Min: 0	Max: Min:
2	25 inches	38 inches	sandy clay	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0.01 Min: 0	Max: Min:
3	38 inches	59 inches	cemented	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0.01 Min: 0	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Oceano

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6 Min: 5.1
2	5 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6 Min: 5.1

Soil Map ID: 3

Soil Component Name: Betteravia

Soil Surface Texture: loamy sand

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	35 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	35 inches	50 inches	cemented	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
3	50 inches	64 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
4	64 inches	79 inches	sr to loamy sand to sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 4

Soil Component Name: Betteravia

Soil Surface Texture: loamy sand

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	35 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	35 inches	50 inches	cemented	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
3	50 inches	64 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
4	64 inches	79 inches	sr to loamy sand to sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
B8	USGS40000157609	0 - 1/8 Mile NNW
9	USGS40000157519	1/8 - 1/4 Mile West
D15	USGS40000157518	1/4 - 1/2 Mile East
19	USGS40000157872	1/2 - 1 Mile North
21	USGS40000157205	1/2 - 1 Mile SSE
23	USGS40000157863	1/2 - 1 Mile NNW
E24	USGS40000157881	1/2 - 1 Mile North
E25	USGS40000157882	1/2 - 1 Mile North
26	USGS40000157914	1/2 - 1 Mile North
G32	USGS40000157309	1/2 - 1 Mile ESE
J36	USGS40000157593	1/2 - 1 Mile West
F38	USGS40000157894	1/2 - 1 Mile NE
K39	USGS40000157663	1/2 - 1 Mile ENE
M42	USGS40000157747	1/2 - 1 Mile ENE
L44	USGS40000157956	1/2 - 1 Mile North
L45	USGS40000157955	1/2 - 1 Mile North
N47	USGS40000157818	1/2 - 1 Mile NW
K49	USGS40000157695	1/2 - 1 Mile ENE
M51	USGS40000157772	1/2 - 1 Mile NE
53	USGS40000157976	1/2 - 1 Mile NNW
M54	USGS40000157759	1/2 - 1 Mile ENE
56	USGS40000157714	1/2 - 1 Mile ENE
57	USGS40000157920	1/2 - 1 Mile NW
58	USGS40000157146	1/2 - 1 Mile SW
O60	USGS40000158027	1/2 - 1 Mile North
61	USGS40000157407	1/2 - 1 Mile WSW
62	USGS40000157443	1/2 - 1 Mile East
P65	USGS40000157842	1/2 - 1 Mile NE
R68	USGS40000157913	1/2 - 1 Mile NE
Q70	USGS40000157101	1/2 - 1 Mile SE
71	USGS40000157746	1/2 - 1 Mile ENE
Q73	USGS40000157136	1/2 - 1 Mile SE
84	USGS40000157954	1/2 - 1 Mile NE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CAPFAS000001490	0 - 1/8 Mile SE
A2	CADDW0000021412	0 - 1/8 Mile SE
B3	CAEDF0000004659	0 - 1/8 Mile NW
B4	CAEDF0000008820	0 - 1/8 Mile NNW
B5	CAEDF0000028591	0 - 1/8 Mile NNW
6	CADWR0000013491	0 - 1/8 Mile East
B7	CAUSGSN00000148	0 - 1/8 Mile NNW
C10	10001	1/4 - 1/2 Mile NW
C11	9995	1/4 - 1/2 Mile NW
C12	9996	1/4 - 1/2 Mile NW
D13	CAUSGSN00010461	1/4 - 1/2 Mile East
D14	CAUSGSN000001547	1/4 - 1/2 Mile East
D16	CADDW0000007572	1/4 - 1/2 Mile East
D17	CAPFAS000000430	1/4 - 1/2 Mile East
22	CADDW0000012723	1/2 - 1 Mile NNW
G28	CADDW0000018595	1/2 - 1 Mile ESE
G29	CAPFAS000001491	1/2 - 1 Mile ESE
H30	CADDW0000008677	1/2 - 1 Mile SW
H31	CAPFAS000000085	1/2 - 1 Mile SW
I33	CADWR0000009833	1/2 - 1 Mile SW
J34	CAUSGSN00012212	1/2 - 1 Mile West
G35	CAUSGSN00015418	1/2 - 1 Mile ESE
F37	CADWR9000014977	1/2 - 1 Mile NNE
L41	CAUSGSN00011726	1/2 - 1 Mile North
L43	CAUSGSN00010466	1/2 - 1 Mile North
N46	CAUSGSN00014791	1/2 - 1 Mile NW
I48	10002	1/2 - 1 Mile SW
K50	CAUSGSN00003075	1/2 - 1 Mile ENE
M55	CAUSGSN00005074	1/2 - 1 Mile ENE
O59	CAUSGSN00003035	1/2 - 1 Mile North
P63	CAUSGSN00012975	1/2 - 1 Mile NE
64	CADPR0000002051	1/2 - 1 Mile NNE
Q66	CADWR0000032551	1/2 - 1 Mile SE
67	CADWR0000008635	1/2 - 1 Mile SW
R69	CAUSGSN00007449	1/2 - 1 Mile NE
Q72	CAUSGSN00011601	1/2 - 1 Mile SE
Q74	CADDW0000022651	1/2 - 1 Mile SE
75	CADWR0000011055	1/2 - 1 Mile NE
S76	CAEDF0000021996	1/2 - 1 Mile NNW
S77	CAEDF0000029294	1/2 - 1 Mile NNW
S78	CAEDF0000029428	1/2 - 1 Mile NNW
Q79	CAUSGSN00005077	1/2 - 1 Mile SE
T80	CADDW0000014160	1/2 - 1 Mile SSW
T81	CAPFAS000001576	1/2 - 1 Mile SSW
82	CAEDF0000021029	1/2 - 1 Mile WSW
T83	19728	1/2 - 1 Mile SSW
U85	CADDW0000009414	1/2 - 1 Mile South
U86	10003	1/2 - 1 Mile South
U87	10004	1/2 - 1 Mile South
U88	10005	1/2 - 1 Mile South
89	CADWR0000001444	1/2 - 1 Mile NE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CAOG15000220642	1/4 - 1/2 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

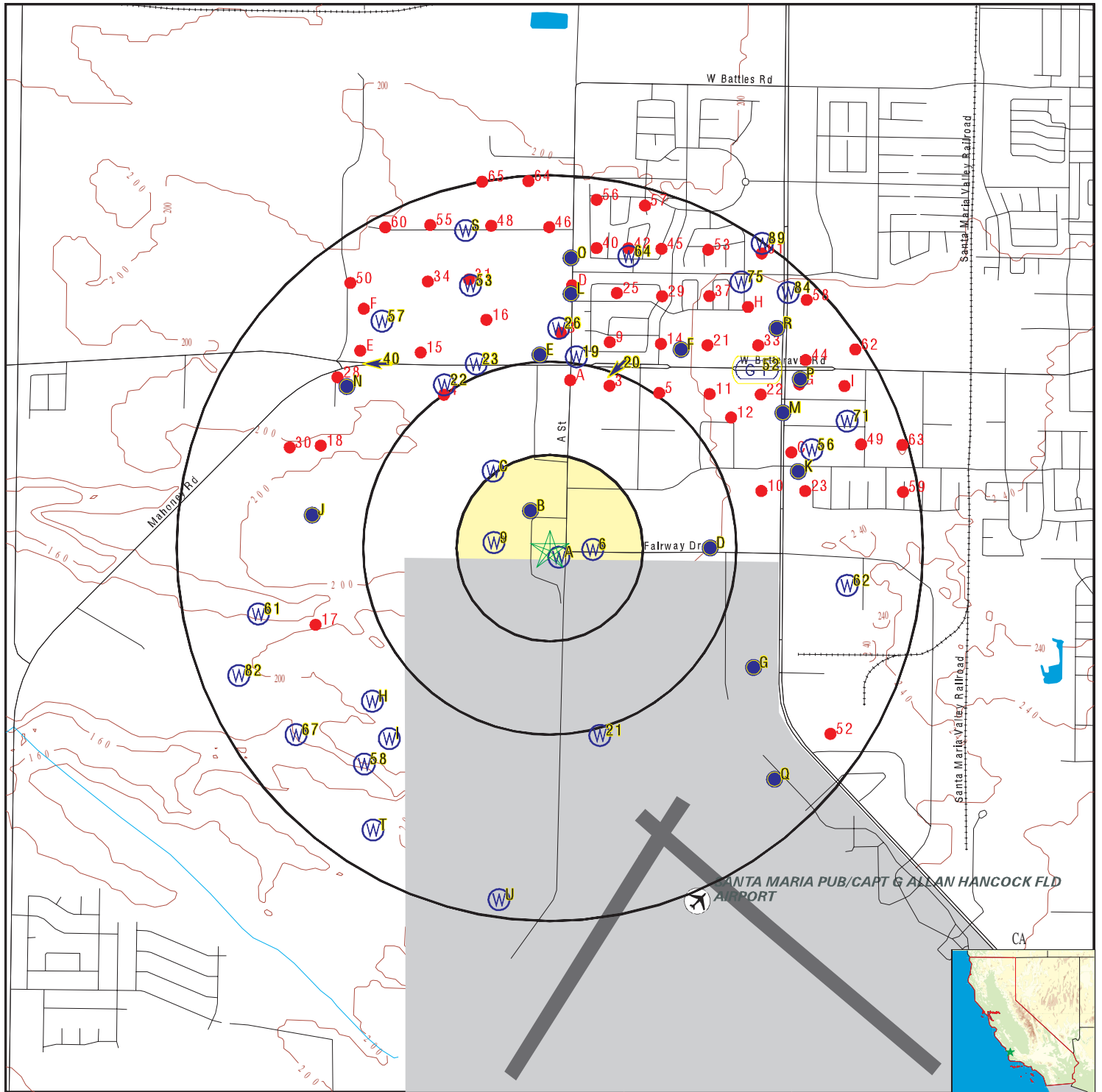
MAP ID	WELL ID	LOCATION FROM TP
A2	CAOG15000220228	1/4 - 1/2 Mile North
3	CAOG15000220765	1/4 - 1/2 Mile NNE
4	CAOG15000220344	1/4 - 1/2 Mile NW
5	CAOG15000220887	1/2 - 1 Mile NE
B6	CAOG15000220229	1/2 - 1 Mile North
B7	CAOG15000220230	1/2 - 1 Mile North
B8	CAOG15000220518	1/2 - 1 Mile North
9	CAOG15000220627	1/2 - 1 Mile NNE
10	CAOG15000220535	1/2 - 1 Mile ENE
11	CAOG15000220572	1/2 - 1 Mile NE
12	CAOG15000220665	1/2 - 1 Mile NE
B13	CAOG15000220547	1/2 - 1 Mile North
14	CAOG15000220797	1/2 - 1 Mile NNE
15	CAOG15000220645	1/2 - 1 Mile NNW
16	CAOG15000220361	1/2 - 1 Mile NNW
17	CAOG15000220390	1/2 - 1 Mile WSW
18	CAOG15000220225	1/2 - 1 Mile WNW
C19	CAOG15000220348	1/2 - 1 Mile ENE
D20	CAOG15000220345	1/2 - 1 Mile North
21	CAOG15000220757	1/2 - 1 Mile NE
22	CAOG15000220362	1/2 - 1 Mile NE
23	CAOG15000220575	1/2 - 1 Mile ENE
C24	CAOG15000220640	1/2 - 1 Mile ENE
25	CAOG15000220300	1/2 - 1 Mile NNE
E26	CAOG15000220727	1/2 - 1 Mile NW
D27	CAOG15000220758	1/2 - 1 Mile North
28	CAOG15000220377	1/2 - 1 Mile NW
29	CAOG15000220849	1/2 - 1 Mile NNE
30	CAOG15000220227	1/2 - 1 Mile WNW
31	CAOG15000220641	1/2 - 1 Mile NNW
E32	CAOG15000220818	1/2 - 1 Mile NW
33	CAOG15000220514	1/2 - 1 Mile NE
34	CAOG15000220810	1/2 - 1 Mile NNW
F35	CAOG15000220515	1/2 - 1 Mile NW
G36	CAOG15000220552	1/2 - 1 Mile ENE
37	CAOG15000220692	1/2 - 1 Mile NNE
H38	CAOG15000220812	1/2 - 1 Mile NE
G39	CAOG15000220574	1/2 - 1 Mile NE
40	CAOG15000220837	1/2 - 1 Mile North
F41	CAOG15000220644	1/2 - 1 Mile NW
42	CAOG15000220898	1/2 - 1 Mile NNE
F43	CAOG15000220843	1/2 - 1 Mile NW
44	CAOG15000220924	1/2 - 1 Mile NE
45	CAOG15000220409	1/2 - 1 Mile NNE
46	CAOG15000220517	1/2 - 1 Mile North
H47	CAOG15000220296	1/2 - 1 Mile NE
48	CAOG15000220920	1/2 - 1 Mile North
49	CAOG15000220734	1/2 - 1 Mile ENE
50	CAOG15000220726	1/2 - 1 Mile NW
I51	CAOG15000220347	1/2 - 1 Mile ENE
52	CAOG15000220603	1/2 - 1 Mile ESE
53	CAOG15000220441	1/2 - 1 Mile NNE
I54	CAOG15000220231	1/2 - 1 Mile ENE
55	CAOG15000220875	1/2 - 1 Mile NNW
56	CAOG15000220817	1/2 - 1 Mile North
57	CAOG15000220941	1/2 - 1 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
58	CAOG15000220889	1/2 - 1 Mile NE
59	CAOG15000220634	1/2 - 1 Mile East
60	CAOG15000220428	1/2 - 1 Mile NNW
61	CAOG15000220464	1/2 - 1 Mile NE
62	CAOG15000220842	1/2 - 1 Mile ENE
63	CAOG15000220766	1/2 - 1 Mile ENE
64	CAOG15000220297	1/2 - 1 Mile North
65	CAOG15000220449	1/2 - 1 Mile North

PHYSICAL SETTING SOURCE MAP - 07360106.2r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Santa Maria Airport
 ADDRESS: Not Reported
 Santa Maria CA 93455
 LAT/LONG: 34.913653 / 120.465031

CLIENT: Rincon
 CONTACT: Lauren Vigliotti
 PROJECT #: 07360106.2r
 DATE: June 09, 2023 1:21 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
SE
0 - 1/8 Mile
Higher

CA WELLS CAPFAS000001490

Well ID: 4210011-010 Well Type: MUNICIPAL
Source: Department of Health Services
Other Name: WELL 10S GAMA PFAS Testing: Yes
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4210011-010&store_num=
GeoTracker Data: Not Reported

A2
SE
0 - 1/8 Mile
Higher

CA WELLS CADDW0000021412

Well ID: 4210011-010 Well Type: MUNICIPAL
Source: Department of Health Services
Other Name: WELL 10S GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4210011-010&store_num=
GeoTracker Data: Not Reported

B3
NW
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000004659

Well ID: AGL020027490-WELL 11 SO Well Type: MONITORING
Source: Agricultural Lands Other Name: WELL 11 SO
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&samp_date=&global_id=AGL020027490&assigned_name=WELL 11 SO&store_num=
GeoTracker Data: Not Reported

B4
NNW
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000008820

Well ID: AGL020019924-AST_IRR Well Type: MONITORING
Source: Agricultural Lands Other Name: AST_IRR
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&samp_date=&global_id=AGL020019924&assigned_name=AST_IRR&store_num=
GeoTracker Data: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B5
NNW
0 - 1/8 Mile
Lower

CA WELLS CAEDF0000028591

Well ID:	AGL020036605-MEDINAEW_I	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	MEDINAEW_I
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&samp_date=&global_id=AGL020036605&assigned_name=MEDINAEW_I&store_num=		
GeoTracker Data:	Not Reported		

6
East
0 - 1/8 Mile
Higher

CA WELLS CADWR0000013491

Well ID:	10N34W29H001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	10N34W29H001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=10N34W29H001S&store_num=		
GeoTracker Data:	Not Reported		

B7
NNW
0 - 1/8 Mile
Lower

CA WELLS CAUSGSN00000148

Well ID:	USGS-345455120275401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-345455120275401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-345455120275401&store_num=		
GeoTracker Data:	Not Reported		

B8
NNW
0 - 1/8 Mile
Lower

FED USGS USGS40000157609

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W28L001S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels, Number of Measurements:	1	Level reading date:	1957-12-01
Feet below surface:	151.00	Feet to sea level:	Not Reported
Note:	Not Reported		

9
West
1/8 - 1/4 Mile
Lower

FED USGS USGS40000157519

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W28M001S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	902
Well Depth Units:	ft	Well Hole Depth:	966
Well Hole Depth Units:	ft		

C10
NW
1/4 - 1/2 Mile
Lower

CA WELLS 10001

Seq:	10001	Prim sta c:	10N/34W-33A01 S
Frds no:	4210011011	County:	42
District:	06	User id:	TAP
System no:	4210011	Water type:	G
Source nam:	WELL 11S	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	345500.0	Longitude:	1202800.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4210011	System nam:	Santa Maria Water Department
Hqname:	Not Reported	Address:	810 WEST CHURCH STREET
City:	SANTA MARIA	State:	CA
Zip:	93454	Zip ext:	5190
Pop serv:	67822	Connection:	15703
Area serve:	SANTA MARIA CITY		
Sample date:	03-APR-18	Finding:	3.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-MAR-18	Finding:	4.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-FEB-18	Finding:	3.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-JAN-18	Finding:	0.32
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.1		
Sample date:	09-JAN-18	Finding:	3.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	05-DEC-17	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	07-NOV-17	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	03-OCT-17	Finding:	2.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	12-SEP-17	Finding:	4.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-AUG-17	Finding:	650.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	15-AUG-17	Finding:	54.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	15-AUG-17	Finding:	110.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	15-AUG-17	Finding:	500.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	15-AUG-17	Finding:	3.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	11-JUL-17	Finding:	3.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	06-JUN-17	Finding:	3.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	02-MAY-17	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	04-APR-17	Finding:	0.69
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	07-MAR-17	Finding:	1.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	07-FEB-17	Finding:	2.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	03-JAN-17	Finding:	0.25
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	03-JAN-17	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	06-DEC-16	Finding:	4.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	16-NOV-16	Finding:	4.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	12-OCT-16	Finding:	3.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	07-SEP-16	Finding:	4.5
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	07-SEP-16	Finding:	4.4
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	07-SEP-16	Finding:	790.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	07-SEP-16	Finding:	5.
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	07-SEP-16	Finding:	4.7
Chemical:	VANADIUM	Report units:	UG/L
Dir:	3.		
Sample date:	07-SEP-16	Finding:	200.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	07-SEP-16	Finding:	0.28
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	07-SEP-16	Finding:	350.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	07-SEP-16	Finding:	34.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	07-SEP-16	Finding:	3.1
Chemical:	POTASSIUM	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	07-SEP-16	Finding:	60.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	07-SEP-16	Finding:	58.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	07-SEP-16	Finding:	120.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	07-SEP-16	Finding:	540.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	07-SEP-16	Finding:	4.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	07-SEP-16	Finding:	270.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	07-SEP-16	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	07-SEP-16	Finding:	7.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	07-SEP-16	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	07-SEP-16	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dir:	1.		
Sample date:	08-AUG-16	Finding:	4.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	28-JUL-16	Finding:	4.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-JUN-16	Finding:	3.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	25-MAY-16	Finding:	3.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	05-APR-16	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	01-MAR-16	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	02-FEB-16	Finding:	2.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	12-JAN-16	Finding:	0.26
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	12-JAN-16	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-DEC-15	Finding:	1.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-DEC-15	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	21-SEP-15	Finding:	9.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	19-AUG-15	Finding:	8.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	21-JUL-15	Finding:	9.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	16-JUN-15	Finding:	540.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUN-15	Finding:	120.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUN-15	Finding:	58.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUN-15	Finding:	780.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUN-15	Finding:	7.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	28-APR-15	Finding:	8.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	07-APR-15	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	2.		
Sample date:	03-MAR-15	Finding:	9.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	06-JAN-15	Finding:	7.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	06-JAN-15	Finding:	0.33
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	09-DEC-14	Finding:	8.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	02-SEP-14	Finding:	8.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	05-AUG-14	Finding:	9.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	01-JUL-14	Finding:	7.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-JUN-14	Finding:	110.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-JUN-14	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-JUN-14	Finding:	790.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	03-JUN-14	Finding:	57.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-JUN-14	Finding:	510.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	06-MAY-14	Finding:	7.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	06-MAY-14	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	02-JAN-14	Finding:	0.24
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	03-DEC-13	Finding:	7.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	05-NOV-13	Finding:	7.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	01-OCT-13	Finding:	7.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-SEP-13	Finding:	270.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	9.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-SEP-13	Finding:	750.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	3.5
Chemical:	VANADIUM	Report units:	UG/L
Dir:	3.		
Sample date:	03-SEP-13	Finding:	150.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	03-SEP-13	Finding:	320.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	03-SEP-13	Finding:	34.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	3.
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	59.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	1100.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	03-SEP-13	Finding:	7.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	03-SEP-13	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	470.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	03-SEP-13	Finding:	110.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	50.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	06-AUG-13	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	01-JUL-13	Finding:	7.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	04-JUN-13	Finding:	5.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	07-MAY-13	Finding:	5.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-APR-13	Finding:	2.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	05-MAR-13	Finding:	2.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	05-FEB-13	Finding:	2.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	15-JAN-13	Finding:	2.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	15-JAN-13	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	04-DEC-12	Finding:	6.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	06-NOV-12	Finding:	6.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	02-OCT-12	Finding:	3.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	04-SEP-12	Finding:	3.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	07-AUG-12	Finding:	2.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-JUL-12	Finding:	3.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	05-JUN-12	Finding:	4.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	01-MAY-12	Finding:	4.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	01-MAY-12	Finding:	530.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	01-MAY-12	Finding:	660.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	03-APR-12	Finding:	3.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	05-MAR-12	Finding:	5.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	07-FEB-12	Finding:	2.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-JAN-12	Finding:	2.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-JAN-12	Finding:	0.39
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		

C11
NW
1/4 - 1/2 Mile
Lower

CA WELLS 9995

Seq:	9995	Prim sta c:	10N/34W-27L01 S
Frds no:	4210011008	County:	42
District:	06	User id:	TAP
System no:	4210011	Water type:	G
Source nam:	WELL 08S	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	345500.0	Longitude:	1202800.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System no:	4210011	System nam:	Santa Maria Water Department
Hqname:	Not Reported	Address:	810 WEST CHURCH STREET
City:	SANTA MARIA	State:	CA
Zip:	93454	Zip ext:	5190
Pop serv:	67822	Connection:	15703
Area serve:	SANTA MARIA CITY		
Sample date:	01-JUL-13	Finding:	79.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	01-JUL-13	Finding:	1400.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	01-JUL-13	Finding:	0.12
Chemical:	FOAMING AGENTS (MBAS)	Report units:	MG/L
Dir:	0.		
Sample date:	01-JUL-13	Finding:	1800.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	01-JUL-13	Finding:	7.18
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	01-JUL-13	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	01-JUL-13	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	01-JUL-13	Finding:	740.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	01-JUL-13	Finding:	170.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	01-JUL-13	Finding:	86.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	01-JUL-13	Finding:	3.5
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	01-JUL-13	Finding:	70.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	01-JUL-13	Finding:	560.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	01-JUL-13	Finding:	0.28
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	01-JUL-13	Finding:	220.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	01-JUL-13	Finding:	150.
Chemical:	IRON	Report units:	UG/L
Dir:	100.		
Sample date:	10-JUL-12	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	14-FEB-12	Finding:	4.
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dir:	3.		
Sample date:	14-FEB-12	Finding:	2.9
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	14-FEB-12	Finding:	3.
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		

**C12
NW
1/4 - 1/2 Mile
Lower**

CA WELLS 9996

Seq:	9996	Prim sta c:	10N/34W-28J01 S
Frds no:	4210011009	County:	42
District:	06	User id:	TAP
System no:	4210011	Water type:	G
Source nam:	WELL 09S	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	345500.0	Longitude:	1202800.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4210011	System nam:	Santa Maria Water Department
Hqname:	Not Reported	Address:	810 WEST CHURCH STREET
City:	SANTA MARIA	State:	CA
Zip:	93454	Zip ext:	5190
Pop serv:	67822	Connection:	15703
Area serve:	SANTA MARIA CITY		
Sample date:	03-APR-18	Finding:	19.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	13-MAR-18	Finding:	19.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	06-FEB-18	Finding:	19.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	09-JAN-18	Finding:	19.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	09-JAN-18	Finding:	0.21
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	05-DEC-17	Finding:	19.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	07-NOV-17	Finding:	19.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	03-OCT-17	Finding:	19.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	12-SEP-17	Finding:	19.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-AUG-17	Finding:	19.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-AUG-17	Finding:	940.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	15-AUG-17	Finding:	77.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	15-AUG-17	Finding:	170.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	15-AUG-17	Finding:	740.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	11-JUL-17	Finding:	20.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	06-JUN-17	Finding:	20.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	02-MAY-17	Finding:	19.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	04-APR-17	Finding:	19.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	07-MAR-17	Finding:	17.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	07-FEB-17	Finding:	18.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	03-JAN-17	Finding:	18.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	03-JAN-17	Finding:	0.19
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	06-DEC-16	Finding:	18.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-NOV-16	Finding:	18.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	12-OCT-16	Finding:	19.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	07-SEP-16	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	07-SEP-16	Finding:	19.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	07-SEP-16	Finding:	0.67
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	07-SEP-16	Finding:	1200.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	07-SEP-16	Finding:	3.3
Chemical:	VANADIUM	Report units:	UG/L
Dir:	3.		
Sample date:	07-SEP-16	Finding:	130.
Chemical:	IRON	Report units:	UG/L
Dir:	100.		
Sample date:	07-SEP-16	Finding:	250.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	07-SEP-16	Finding:	0.18
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	07-SEP-16	Finding:	530.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	07-SEP-16	Finding:	56.
Chemical:	CHLORIDE	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	07-SEP-16	Finding:	3.6
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	07-SEP-16	Finding:	72.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	07-SEP-16	Finding:	76.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	07-SEP-16	Finding:	160.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	07-SEP-16	Finding:	710.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	07-SEP-16	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dir:	1.		
Sample date:	07-SEP-16	Finding:	1600.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	07-SEP-16	Finding:	7.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	07-SEP-16	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	07-SEP-16	Finding:	19.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-AUG-16	Finding:	19.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	28-JUL-16	Finding:	19.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-JUN-16	Finding:	4.1
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	15-JUN-16	Finding:	4.1
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dir:	1.		
Sample date:	15-JUN-16	Finding:	18.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	15-JUN-16	Finding:	0.88
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	15-JUN-16	Finding:	4.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	15-JUN-16	Finding:	0.94
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	15-JUN-16	Finding:	6.
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dir:	3.		
Sample date:	25-MAY-16	Finding:	19.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	05-APR-16	Finding:	13.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	01-MAR-16	Finding:	14.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	02-FEB-16	Finding:	11.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	12-JAN-16	Finding:	0.14
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	12-JAN-16	Finding:	19.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-DEC-15	Finding:	10.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-DEC-15	Finding:	45.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-NOV-15	Finding:	56.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	20-OCT-15	Finding:	83.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	21-SEP-15	Finding:	82.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	19-AUG-15	Finding:	88.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	2.		
Sample date:	21-JUL-15	Finding:	63.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	16-JUN-15	Finding:	790.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUN-15	Finding:	180.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUN-15	Finding:	81.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUN-15	Finding:	1200.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUN-15	Finding:	52.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	19-MAY-15	Finding:	54.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	28-APR-15	Finding:	46.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	07-APR-15	Finding:	56.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-MAR-15	Finding:	67.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-FEB-15	Finding:	78.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	07-JAN-15	Finding:	0.21
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	05-JAN-15	Finding:	83.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	01-JUL-14	Finding:	78.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-JUN-14	Finding:	1200.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	03-JUN-14	Finding:	75.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-JUN-14	Finding:	160.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-JUN-14	Finding:	720.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	03-JUN-14	Finding:	77.
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	06-MAY-14	Finding:	18.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	06-MAY-14	Finding:	80.
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	01-APR-14	Finding:	81.
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	04-MAR-14	Finding:	83.
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	04-FEB-14	Finding:	80.
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	02-JAN-14	Finding:	80.
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	02-JAN-14	Finding:	0.18
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	03-DEC-13	Finding:	82.
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	05-NOV-13	Finding:	79.
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	01-OCT-13	Finding:	82.
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	03-SEP-13	Finding:	720.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	0.13
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.1		
Sample date:	03-SEP-13	Finding:	81.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-SEP-13	Finding:	1200.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	4.2
Chemical:	VANADIUM	Report units:	UG/L
Dir:	3.		
Sample date:	03-SEP-13	Finding:	220.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	03-SEP-13	Finding:	530.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	03-SEP-13	Finding:	55.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	3.7
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	1500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	03-SEP-13	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	03-SEP-13	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	160.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	74.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	76.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	06-AUG-13	Finding:	81.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	01-JUL-13	Finding:	81.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	04-JUN-13	Finding:	80.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	07-MAY-13	Finding:	79.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-APR-13	Finding:	77.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	05-MAR-13	Finding:	67.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	05-FEB-13	Finding:	66.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	02-JAN-13	Finding:	0.25
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	02-JAN-13	Finding:	68.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	04-DEC-12	Finding:	80.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	06-NOV-12	Finding:	2.7
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	06-NOV-12	Finding:	85.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	06-NOV-12	Finding:	3.4
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	06-NOV-12	Finding:	9.9
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dir:	3.		
Sample date:	02-OCT-12	Finding:	74.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	04-SEP-12	Finding:	74.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	07-AUG-12	Finding:	72.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	2.		
Sample date:	03-JUL-12	Finding:	69.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	05-JUN-12	Finding:	70.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	01-MAY-12	Finding:	970.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	01-MAY-12	Finding:	670.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	01-MAY-12	Finding:	53.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-APR-12	Finding:	55.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	05-MAR-12	Finding:	67.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	07-FEB-12	Finding:	55.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-JAN-12	Finding:	75.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-JAN-12	Finding:	62.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-JAN-12	Finding:	0.28
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		

D13
East
1/4 - 1/2 Mile
Higher

CA WELLS CAUSGSN00010461

Well ID:	USGS-345450120272401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-345450120272401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-345450120272401&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D14
East
1/4 - 1/2 Mile
Higher

CA WELLS CAUSGS000001547

D15
East
1/4 - 1/2 Mile
Higher

FED USGS USGS40000157518

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W28J001S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19981130	Well Depth:	946
Well Depth Units:	ft	Well Hole Depth:	955
Well Hole Depth Units:	ft		

D16
East
1/4 - 1/2 Mile
Higher

CA WELLS CADDW0000007572

Well ID:	4210011-009	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 09S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4210011-009&store_num=		
GeoTracker Data:	Not Reported		

D17
East
1/4 - 1/2 Mile
Higher

CA WELLS CAPFAS0000000430

Well ID:	4210011-009	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 09S	GAMA PFAS Testing:	Yes
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4210011-009&store_num=		
GeoTracker Data:	Not Reported		

E18
North
1/4 - 1/2 Mile
Higher

Site ID:	Not Reported
Groundwater Flow:	NOT REPORTED
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	100
Date:	2-2-96

AQUIFLOW 5481

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

19
North
1/2 - 1 Mile
Higher

FED USGS USGS40000157872

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W28C002S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

20
NNE
1/2 - 1 Mile
Higher

Site ID:	Not Reported
Groundwater Flow:	SW
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	45
Date:	DECEMBER 2

AQUIFLOW 5485

21
SSE
1/2 - 1 Mile
Higher

FED USGS USGS40000157205

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W33B001S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

22
NNW
1/2 - 1 Mile
Lower

CA WELLS CADDW0000012723

Well ID:	4200867-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4200867-001&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

23
NNW
1/2 - 1 Mile
Lower

FED USGS USGS40000157863

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W28D002S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19380101	Well Depth:	272
Well Depth Units:	ft	Well Hole Depth:	274
Well Hole Depth Units:	ft		

E24
North
1/2 - 1 Mile
Higher

FED USGS USGS40000157881

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W28C003S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19500101	Well Depth:	204
Well Depth Units:	ft	Well Hole Depth:	210
Well Hole Depth Units:	ft		

E25
North
1/2 - 1 Mile
Higher

FED USGS USGS40000157882

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W28C005S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19560101	Well Depth:	210
Well Depth Units:	ft	Well Hole Depth:	210
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

26
North
1/2 - 1 Mile
Higher

FED USGS USGS40000157914

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W28C004S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19540101	Well Depth:	210
Well Depth Units:	ft	Well Hole Depth:	212
Well Hole Depth Units:	ft		

F27
NE
1/2 - 1 Mile
Higher

Site ID:	Not Reported
Groundwater Flow:	NOT REPORTED
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	100
Date:	MAY 1990

AQUIFLOW 5479

G28
ESE
1/2 - 1 Mile
Higher

CA WELLS CADDW0000018595

Well ID:	4210011-011	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 11S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4210011-011&store_num=		
GeoTracker Data:	Not Reported		

G29
ESE
1/2 - 1 Mile
Higher

CA WELLS CAPFAS000001491

Well ID:	4210011-011	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 11S	GAMA PFAS Testing:	Yes
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4210011-011&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

H30
SW
1/2 - 1 Mile
Lower

CA WELLS CADDW0000008677

Well ID: 4210011-014 Well Type: MUNICIPAL
Source: Department of Health Services
Other Name: WELL 14S GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4210011-014&store_num=
GeoTracker Data: Not Reported

H31
SW
1/2 - 1 Mile
Lower

CA WELLS CAPFAS000000085

Well ID: 4210011-014 Well Type: MUNICIPAL
Source: Department of Health Services
Other Name: WELL 14S GAMA PFAS Testing: Yes
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4210011-014&store_num=
GeoTracker Data: Not Reported

G32
ESE
1/2 - 1 Mile
Higher

FED USGS USGS40000157309

Organization ID: USGS-CA
Organization Name: USGS California Water Science Center
Monitor Location: 010N034W33A001S Type: Well
Description: Not Reported HUC: 18060008
Drainage Area: Not Reported Drainage Area Units: Not Reported
Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported
Aquifer: California Coastal Basin aquifers
Formation Type: Not Reported Aquifer Type: Not Reported
Construction Date: 19770326 Well Depth: 986
Well Depth Units: ft Well Hole Depth: 986
Well Hole Depth Units: ft

Ground water levels, Number of Measurements: 1 Level reading date: 1977-07-25
Feet below surface: 153.69 Feet to sea level: Not Reported
Note: Not Reported

I33
SW
1/2 - 1 Mile
Lower

CA WELLS CADWR0000009833

Well ID: 10N34W29P001S Well Type: UNK
Source: Department of Water Resources
Other Name: 10N34W29P001S GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=10N34W29P001S&store_num=

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GeoTracker Data: Not Reported

J34
West
1/2 - 1 Mile
Lower

CA WELLS CAUSGSN00012212

Well ID: USGS-345454120283101 Well Type: UNK
Source: United States Geological Survey
Other Name: USGS-345454120283101 GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-345454120283101&store_num=
GeoTracker Data: Not Reported

G35
ESE
1/2 - 1 Mile
Higher

CA WELLS CAUSGSN00015418

Well ID: USGS-345432120271601 Well Type: UNK
Source: United States Geological Survey
Other Name: USGS-345432120271601 GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-345432120271601&store_num=
GeoTracker Data: Not Reported

J36
West
1/2 - 1 Mile
Lower

FED USGS USGS40000157593

Organization ID: USGS-CA
Organization Name: USGS California Water Science Center
Monitor Location: 010N034W29J001S Type: Well
Description: Not Reported HUC: 18060008
Drainage Area: Not Reported Drainage Area Units: Not Reported
Contrib Drainage Area: Not Reported Contrib Drainage Area Units: Not Reported
Aquifer: California Coastal Basin aquifers
Formation Type: Not Reported Aquifer Type: Not Reported
Construction Date: Not Reported Well Depth: Not Reported
Well Depth Units: Not Reported Well Hole Depth: Not Reported
Well Hole Depth Units: Not Reported

Ground water levels, Number of Measurements: 1 Level reading date: 1957-12-01
Feet below surface: 166.00 Feet to sea level: Not Reported
Note: Not Reported

F37
NNE
1/2 - 1 Mile
Higher

CA WELLS CADWR9000014977

State Well #: 10N34W28A002S Station ID: 49671
Well Name: SMVWCD 18 Basin Name: Santa Maria

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Use:	Unknown	Well Type:	Single Well
Well Depth:	280	Well Completion Rpt #:	Not Reported

F38
NE
1/2 - 1 Mile
Higher

FED USGS USGS40000157894

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W28A002S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19741104	Well Depth:	280
Well Depth Units:	ft	Well Hole Depth:	310
Well Hole Depth Units:	ft		

K39
ENE
1/2 - 1 Mile
Higher

FED USGS USGS40000157663

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W27M001S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19340101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	178
Well Hole Depth Units:	ft		

40
NW
1/2 - 1 Mile
Lower

Site ID:	Not Reported
Groundwater Flow:	W
Shallow Water Depth:	100
Deep Water Depth:	150
Average Water Depth:	Not Reported
Date:	MAY 29, 19

AQUIFLOW 5484

L41
North
1/2 - 1 Mile
Higher

CA WELLS CAUSGSN00011726

Well ID:	USGS-345525120274801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-345525120274801	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-345525120274801&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

M42
ENE
1/2 - 1 Mile
Higher

FED USGS USGS40000157747

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	18060008
Monitor Location:	010N034W28H001S	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Units:	Not Reported
Drainage Area:	Not Reported		
Contrib Drainage Area:	Not Reported		
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels, Number of Measurements:	1	Level reading date:	1942-03-01
Feet below surface:	114.00	Feet to sea level:	Not Reported
Note:	Not Reported		

L43
North
1/2 - 1 Mile
Higher

CA WELLS CAUSGSN00010466

Well ID:	USGS-345525120274601	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-345525120274601	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-345525120274601&store_num=		
GeoTracker Data:	Not Reported		

L44
North
1/2 - 1 Mile
Higher

FED USGS USGS40000157956

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	18060008
Monitor Location:	010N034W28C006S	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Units:	Not Reported
Drainage Area:	Not Reported		
Contrib Drainage Area:	Not Reported		
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

L45
North
1/2 - 1 Mile
Higher

FED USGS USGS40000157955

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	18060008
Monitor Location:	010N034W28C001S	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Units:	Not Reported
Drainage Area:	Not Reported		
Contrib Drainage Area:	Not Reported		
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	191
Well Depth Units:	ft	Well Hole Depth:	192
Well Hole Depth Units:	ft		

N46
NW
1/2 - 1 Mile
Lower

CA WELLS CAUSGSN00014791

Well ID:	USGS-345512120282501	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-345512120282501	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-345512120282501&store_num=		
GeoTracker Data:	Not Reported		

N47
NW
1/2 - 1 Mile
Lower

FED USGS USGS40000157818

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	18060008
Monitor Location:	010N034W29A001S	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Units:	Not Reported
Drainage Area:	Not Reported		
Contrib Drainage Area:	Not Reported		
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19510101	Well Depth:	249
Well Depth Units:	ft	Well Hole Depth:	252
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1954-06-01
Feet below surface:	128.00	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I48
SW
1/2 - 1 Mile
Lower

CA WELLS 10002

Seq:	10002	Prim sta c:	10N/34W-33D01 S
Frds no:	4210011012	County:	42
District:	06	User id:	TAP
System no:	4210011	Water type:	G
Source nam:	WELL 12S (1992)	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	345422.0	Longitude:	1202820.6
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4210011	System nam:	Santa Maria Water Department
Hqname:	Not Reported	Address:	810 WEST CHURCH STREET
City:	SANTA MARIA	State:	CA
Zip:	93454	Zip ext:	5190
Pop serv:	67822	Connection:	15703
Area serve:	SANTA MARIA CITY		

Sample date:	03-APR-18	Finding:	3.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	13-MAR-18	Finding:	8.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	06-FEB-18	Finding:	6.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	09-JAN-18	Finding:	7.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	09-JAN-18	Finding:	0.24
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		

Sample date:	05-DEC-17	Finding:	8.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	07-NOV-17	Finding:	6.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	03-OCT-17	Finding:	8.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	12-SEP-17	Finding:	6.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	15-AUG-17	Finding:	560.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	15-AUG-17	Finding:	130.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	15-AUG-17	Finding:	60.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	15-AUG-17	Finding:	700.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	15-AUG-17	Finding:	9.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	05-APR-16	Finding:	1.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	01-MAR-16	Finding:	2.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	02-FEB-16	Finding:	2.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	12-JAN-16	Finding:	0.16
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	12-JAN-16	Finding:	9.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-DEC-15	Finding:	8.1
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	08-DEC-15	Finding:	1.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	10-NOV-15	Finding:	6.7
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	14-OCT-15	Finding:	9.
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	21-SEP-15	Finding:	9.2
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	19-AUG-15	Finding:	8.7
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	2.		
Sample date:	21-JUL-15	Finding:	7.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	16-JUN-15	Finding:	780.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUN-15	Finding:	57.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUN-15	Finding:	130.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUN-15	Finding:	550.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	19-MAY-15	Finding:	7.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-MAR-15	Finding:	7.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	13-JAN-15	Finding:	1.6
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	06-JAN-15	Finding:	6.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	06-JAN-15	Finding:	0.26
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	09-DEC-14	Finding:	7.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	05-AUG-14	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	01-JUL-14	Finding:	9.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-JUN-14	Finding:	460.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	03-JUN-14	Finding:	100.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	03-JUN-14	Finding:	720.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	03-JUN-14	Finding:	9.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-JUN-14	Finding:	50.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	06-MAY-14	Finding:	2.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	06-MAY-14	Finding:	9.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	02-APR-14	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	12-FEB-14	Finding:	9.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	04-FEB-14	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	02-JAN-14	Finding:	0.25
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	02-JAN-14	Finding:	7.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-DEC-13	Finding:	28.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	05-NOV-13	Finding:	7.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	01-OCT-13	Finding:	7.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-SEP-13	Finding:	99.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	440.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	03-SEP-13	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	7.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	03-SEP-13	Finding:	990.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	03-SEP-13	Finding:	48.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	51.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	2.8
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	290.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	03-SEP-13	Finding:	120.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	03-SEP-13	Finding:	5.4
Chemical:	VANADIUM	Report units:	UG/L
Dir:	3.		
Sample date:	03-SEP-13	Finding:	700.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	03-SEP-13	Finding:	7.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-SEP-13	Finding:	25.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	06-AUG-13	Finding:	7.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	01-JUL-13	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	07-MAY-13	Finding:	36.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	05-MAR-13	Finding:	7.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	05-FEB-13	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	02-JAN-13	Finding:	0.31
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	04-DEC-12	Finding:	28.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	06-NOV-12	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	06-NOV-12	Finding:	3.4
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	06-NOV-12	Finding:	2.7
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	02-OCT-12	Finding:	8.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	04-SEP-12	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	07-AUG-12	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-JUL-12	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	05-JUN-12	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	01-MAY-12	Finding:	660.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	01-MAY-12	Finding:	510.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	03-APR-12	Finding:	40.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	05-MAR-12	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir: 2.

Sample date: 03-JAN-12
Chemical: NITRATE (AS NO3)
Dir: 2.

Finding: 37.
Report units: MG/L

Sample date: 03-JAN-12
Chemical: FLUORIDE (F) (NATURAL-SOURCE)
Dir: 0.1

Finding: 0.29
Report units: MG/L

K49
ENE
1/2 - 1 Mile
Higher

FED USGS USGS40000157695

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W27E003S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

K50
ENE
1/2 - 1 Mile
Higher

CA WELLS CAUSGSN00003075

Well ID:	USGS-345501120270801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-345501120270801	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&sample_date=&global_id=&assigned_name=USGS-345501120270801&store_num=		
GeoTracker Data:	Not Reported		

M51
NE
1/2 - 1 Mile
Higher

FED USGS USGS40000157772

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W28H005S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19590101	Well Depth:	291
Well Depth Units:	ft	Well Hole Depth:	297
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

52
NE
1/2 - 1 Mile
Higher

Site ID: Not Reported
Groundwater Flow: NOT REPORTED
Shallow Water Depth: Not Reported
Deep Water Depth: Not Reported
Average Water Depth: 120
Date: OCTOBER 26

AQUIFLOW 5482

53
NNW
1/2 - 1 Mile
Lower

FED USGS USGS40000157976

Organization ID: USGS-CA
Organization Name: USGS California Water Science Center
Monitor Location: 010N034W21N001S Type: Well
Description: Not Reported HUC: 18060008
Drainage Area: Not Reported Drainage Area Units: Not Reported
Contrib Drainage Area: Not Reported Contrib Drainage Area Units: Not Reported
Aquifer: California Coastal Basin aquifers
Formation Type: Not Reported Aquifer Type: Not Reported
Construction Date: 19630101 Well Depth: 275
Well Depth Units: ft Well Hole Depth: 288
Well Hole Depth Units: ft

Ground water levels, Number of Measurements: 1 Level reading date: 1968-06-01
Feet below surface: 157.00 Feet to sea level: Not Reported
Note: Not Reported

M54
ENE
1/2 - 1 Mile
Higher

FED USGS USGS40000157759

Organization ID: USGS-CA
Organization Name: USGS California Water Science Center
Monitor Location: 010N034W27E002S Type: Well
Description: Not Reported HUC: 18060008
Drainage Area: Not Reported Drainage Area Units: Not Reported
Contrib Drainage Area: Not Reported Contrib Drainage Area Units: Not Reported
Aquifer: California Coastal Basin aquifers
Formation Type: Not Reported Aquifer Type: Not Reported
Construction Date: 19360101 Well Depth: Not Reported
Well Depth Units: Not Reported Well Hole Depth: 172
Well Hole Depth Units: ft

M55
ENE
1/2 - 1 Mile
Higher

CA WELLS CAUSGSN00005074

Well ID: USGS-345508120270901 Well Type: UNK
Source: United States Geological Survey
Other Name: USGS-345508120270901 GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-345508120270901&store_num=

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GeoTracker Data: Not Reported

56
ENE
1/2 - 1 Mile
Higher

FED USGS USGS40000157714

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W27E004S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19590101	Well Depth:	290
Well Depth Units:	ft	Well Hole Depth:	300
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1971-02-01
Feet below surface:	147.00	Feet to sea level:	Not Reported
Note:	Not Reported		

57
NW
1/2 - 1 Mile
Higher

FED USGS USGS40000157920

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W28D001S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19390101	Well Depth:	246
Well Depth Units:	ft	Well Hole Depth:	246
Well Hole Depth Units:	ft		

58
SW
1/2 - 1 Mile
Lower

FED USGS USGS40000157146

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W33E001S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

O59
North
1/2 - 1 Mile
Higher

CA WELLS CAUSGSN00003035

Well ID:	USGS-345530120274701	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-345530120274701	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-345530120274701&store_num=		
GeoTracker Data:	Not Reported		

O60
North
1/2 - 1 Mile
Higher

FED USGS USGS40000158027

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W21P001S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19360101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	198
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1941-01-01
Feet below surface:	103.00	Feet to sea level:	Not Reported
Note:	Not Reported		

61
WSW
1/2 - 1 Mile
Lower

FED USGS USGS40000157407

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W29Q001S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	200
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

62
East
1/2 - 1 Mile
Higher

FED USGS USGS40000157443

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	18060008
Monitor Location:	010N034W27N001S	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Units:	Not Reported
Drainage Area:	Not Reported		
Contrib Drainage Area:	Not Reported		
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19380101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	181
Well Hole Depth Units:	ft		

P63
NE
1/2 - 1 Mile
Higher

CA WELLS CAUSGSN00012975

Well ID:	USGS-345513120270801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-345513120270801	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-345513120270801&store_num=		
GeoTracker Data:	Not Reported		

64
NNE
1/2 - 1 Mile
Higher

CA WELLS CADPR0000002051

Well ID:	87872	Well Type:	UNK
Source:	Department of Pesticide Regulation		
Other Name:	87872	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DPR&samp_date=&global_id=&assigned_name=87872&store_num=		
GeoTracker Data:	Not Reported		

P65
NE
1/2 - 1 Mile
Higher

FED USGS USGS40000157842

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	18060008
Monitor Location:	010N034W27E001S	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Units:	Not Reported
Drainage Area:	Not Reported		
Contrib Drainage Area:	Not Reported		
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date:	19300101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	153
Well Hole Depth Units:	ft		

Q66
SE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000032551**

Well ID:	10N34W34E002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	10N34W34E002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=10N34W34E002S&store_num=		
GeoTracker Data:	Not Reported		

67
SW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000008635**

Well ID:	10N34W29N001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	10N34W29N001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=10N34W29N001S&store_num=		
GeoTracker Data:	Not Reported		

R68
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000157913**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W28A001S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	193803	Well Depth:	218
Well Depth Units:	ft	Well Hole Depth:	235
Well Hole Depth Units:	ft		

R69
NE
1/2 - 1 Mile
Higher

CA WELLS **CAUSGSN00007449**

Well ID:	USGS-345520120271201	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-345520120271201	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-345520120271201&store_num=		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GeoTracker Data: Not Reported

Q70
SE
1/2 - 1 Mile
Higher

FED USGS USGS40000157101

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W33H001S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19250101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	184
Well Hole Depth Units:	ft		

71
ENE
1/2 - 1 Mile
Higher

FED USGS USGS40000157746

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W29F001S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19520101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Q72
SE
1/2 - 1 Mile
Higher

CA WELLS CAUSGSN00011601

Well ID:	USGS-345415120271501	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-345415120271501	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-345415120271501&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Q73
SE
1/2 - 1 Mile
Higher

FED USGS USGS40000157136

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W34E002S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19600101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	1426
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	10	Level reading date:	1963-04-26
Feet below surface:	158.10	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1962-06-01	Feet below surface:	158.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1962-02-27	Feet below surface:	183.90
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1961-11-22	Feet below surface:	168.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1961-08-24	Feet below surface:	189.30
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1961-07-26	Feet below surface:	146.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1961-06-28	Feet below surface:	136.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1961-04-26	Feet below surface:	136.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1961-03-28	Feet below surface:	133.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1961-02-20	Feet below surface:	131.87
Feet to sea level:	Not Reported	Note:	Not Reported

Q74
SE
1/2 - 1 Mile
Higher

CA WELLS CADDW0000022651

Well ID:	4210011-006	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 06S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4210011-006&store_num=		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GeoTracker Data: Not Reported

**75
NE
1/2 - 1 Mile
Higher**

CA WELLS CADWR0000011055

Well ID: 10N34W21L003S Well Type: UNK
Source: Department of Water Resources
Other Name: 10N34W21L003S GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=10N34W21L003S&store_num=
GeoTracker Data: Not Reported

**S76
NNW
1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000021996

Well ID: AGL020027706-CENTERAST_DOM
Well Type: MONITORING Source: Agricultural Lands
Other Name: CENTERAST_DOM GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&samp_date=&global_id=AGL020027706&assigned_name=CENTERAST_DOM&store_num=
GeoTracker Data: Not Reported

**S77
NNW
1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000029294

Well ID: AGL020015971-RANCH18_I Well Type: MONITORING
Source: Agricultural Lands Other Name: RANCH18_I
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&samp_date=&global_id=AGL020015971&assigned_name=RANCH18_I&store_num=
GeoTracker Data: Not Reported

**S78
NNW
1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000029428

Well ID: AGL020027706-CENTERAST_IRR
Well Type: MONITORING Source: Agricultural Lands
Other Name: CENTERAST_IRR GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&samp_date=&global_id=AGL020027706&assigned_name=CENTERAST_IRR&store_num=
GeoTracker Data: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Q79
SE
1/2 - 1 Mile
Higher

CA WELLS CAUSGSN00005077

Well ID: USGS-345418120271001 Well Type: UNK
Source: United States Geological Survey
Other Name: USGS-345418120271001 GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-345418120271001&store_num=
GeoTracker Data: Not Reported

T80
SSW
1/2 - 1 Mile
Lower

CA WELLS CADDW0000014160

Well ID: 4210011-013 Well Type: MUNICIPAL
Source: Department of Health Services
Other Name: WELL 13S GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4210011-013&store_num=
GeoTracker Data: Not Reported

T81
SSW
1/2 - 1 Mile
Lower

CA WELLS CAPFAS000001576

Well ID: 4210011-013 Well Type: MUNICIPAL
Source: Department of Health Services
Other Name: WELL 13S GAMA PFAS Testing: Yes
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4210011-013&store_num=
GeoTracker Data: Not Reported

82
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000021029

Well ID: AGL020027620-CJJ 21 MAHONY
Well Type: MONITORING Source: Agricultural Lands
Other Name: CJJ 21 MAHONY GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&samp_date=&global_id=AGL020027620&assigned_name=CJJ 21 MAHONY&store_num=
GeoTracker Data: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

T83
SSW
1/2 - 1 Mile
Lower

CA WELLS 19728

Seq:	19728	Prim sta c:	4210011-013
Frds no:	4210011013	County:	42
District:	06	User id:	TAP
System no:	4210011	Water type:	G
Source nam:	WELL 13S	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	345409.9	Longitude:	1202821.1
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4210011	System nam:	Santa Maria Water Department
Hqname:	Not Reported	Address:	810 WEST CHURCH STREET
City:	SANTA MARIA	State:	CA
Zip:	93454	Zip ext:	5190
Pop serv:	67822	Connection:	15703
Area serve:	SANTA MARIA CITY		

Sample date:	03-APR-18	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	13-MAR-18	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	06-FEB-18	Finding:	6.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	09-JAN-18	Finding:	6.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	09-JAN-18	Finding:	0.22
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		

Sample date:	05-DEC-17	Finding:	5.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	07-NOV-17	Finding:	6.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	24-OCT-17	Finding:	15.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	17-OCT-17	Finding:	15.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	15-AUG-17	Finding:	14.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-AUG-17	Finding:	830.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	15-AUG-17	Finding:	70.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	15-AUG-17	Finding:	140.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	15-AUG-17	Finding:	640.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	11-JUL-17	Finding:	15.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	06-JUN-17	Finding:	14.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	02-MAY-17	Finding:	13.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	04-APR-17	Finding:	14.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	07-MAR-17	Finding:	14.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	03-JAN-17	Finding:	0.16
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	03-JAN-17	Finding:	4.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	06-DEC-16	Finding:	3.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-NOV-16	Finding:	5.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	12-OCT-16	Finding:	9.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	07-SEP-16	Finding:	9.6
Chemical:	NITRATE (AS N)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.4		
Sample date:	15-AUG-16	Finding:	13.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-AUG-16	Finding:	14.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	28-JUL-16	Finding:	14.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-JUN-16	Finding:	14.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	03-MAY-16	Finding:	14.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	05-APR-16	Finding:	3.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	01-MAR-16	Finding:	3.1
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	01-MAR-16	Finding:	27.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	01-MAR-16	Finding:	0.18
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	01-MAR-16	Finding:	140.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	01-MAR-16	Finding:	3.6
Chemical:	VANADIUM	Report units:	UG/L
Dir:	3.		
Sample date:	01-MAR-16	Finding:	780.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	01-MAR-16	Finding:	4.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	01-MAR-16	Finding:	51.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	01-MAR-16	Finding:	53.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	01-MAR-16	Finding:	110.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	01-MAR-16	Finding:	500.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	01-MAR-16	Finding:	3.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	01-MAR-16	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	01-MAR-16	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	01-MAR-16	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	01-MAR-16	Finding:	1000.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	01-MAR-16	Finding:	320.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	02-FEB-16	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	12-JAN-16	Finding:	0.18
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	12-JAN-16	Finding:	4.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-DEC-15	Finding:	2.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	10-NOV-15	Finding:	36.
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	14-OCT-15	Finding:	20.
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	21-SEP-15	Finding:	20.
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	19-AUG-15	Finding:	20.
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	2.		
Sample date:	16-JUN-15	Finding:	740.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUN-15	Finding:	54.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUN-15	Finding:	120.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUN-15	Finding:	520.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	13-JAN-15	Finding:	21.
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	13-JAN-15	Finding:	0.25
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	13-JAN-15	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	09-DEC-14	Finding:	41.
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	07-OCT-14	Finding:	33.
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	02-SEP-14	Finding:	20.
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	05-AUG-14	Finding:	52.
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	01-JUL-14	Finding:	21.
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	03-JUN-14	Finding:	490.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	03-JUN-14	Finding:	22.
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	03-JUN-14	Finding:	790.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	03-JUN-14	Finding:	54.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-JUN-14	Finding:	110.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	06-MAY-14	Finding:	4.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	06-MAY-14	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	02-APR-14	Finding:	48.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	12-FEB-14	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	04-FEB-14	Finding:	44.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	02-JAN-14	Finding:	0.21
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	02-OCT-13	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-SEP-13	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	27-AUG-13	Finding:	47.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	06-AUG-13	Finding:	45.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	01-JUL-13	Finding:	46.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	04-JUN-13	Finding:	45.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	05-MAR-13	Finding:	880.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	05-MAR-13	Finding:	3.3
Chemical:	VANADIUM	Report units:	UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	3.		
Sample date:	05-MAR-13	Finding:	31.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	05-MAR-13	Finding:	1200.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	05-MAR-13	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	05-MAR-13	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	05-MAR-13	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	05-MAR-13	Finding:	550.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	05-MAR-13	Finding:	120.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	05-MAR-13	Finding:	58.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	05-MAR-13	Finding:	55.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	05-MAR-13	Finding:	3.2
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	05-MAR-13	Finding:	39.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	05-MAR-13	Finding:	360.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	02-JAN-13	Finding:	0.32
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	04-DEC-12	Finding:	44.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	06-NOV-12	Finding:	40.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	02-OCT-12	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	04-SEP-12	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	07-AUG-12	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-JUL-12	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	01-MAY-12	Finding:	740.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	01-MAY-12	Finding:	540.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	01-MAY-12	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-APR-12	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	05-MAR-12	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-JAN-12	Finding:	31.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-JAN-12	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		

84
NE
1/2 - 1 Mile
Higher

FED USGS USGS40000157954

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N034W27D001S	Type:	Well
Description:	Not Reported	HUC:	18060008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19360101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	234
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

U85
South
1/2 - 1 Mile
Lower

CA WELLS CADDW0000009414

Well ID:	4210011-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02AS - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4210011-001&store_num=		
GeoTracker Data:	Not Reported		

U86
South
1/2 - 1 Mile
Lower

CA WELLS 10003

Seq:	10003	Prim sta c:	10N/34W-34E02 S
Frds no:	4210011006	County:	42
District:	06	User id:	TAP
System no:	4210011	Water type:	G
Source nam:	WELL 06S	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	345400.0	Longitude:	1202800.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4210011	System nam:	Santa Maria Water Department
Hqname:	Not Reported	Address:	810 WEST CHURCH STREET
City:	SANTA MARIA	State:	CA
Zip:	93454	Zip ext:	5190
Pop serv:	67822	Connection:	15703
Area serve:	SANTA MARIA CITY		
Sample date:	03-APR-18	Finding:	15.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	13-MAR-18	Finding:	15.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	06-FEB-18	Finding:	13.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	09-JAN-18	Finding:	14.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	09-JAN-18	Finding:	0.21
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	07-NOV-17	Finding:	15.
Chemical:	NITRATE (AS N)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.4		
Sample date:	03-OCT-17	Finding:	15.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	12-SEP-17	Finding:	13.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-AUG-17	Finding:	15.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-AUG-17	Finding:	550.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	15-AUG-17	Finding:	130.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	15-AUG-17	Finding:	57.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	15-AUG-17	Finding:	710.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	06-JUN-17	Finding:	14.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	02-MAY-17	Finding:	13.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	04-APR-17	Finding:	11.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	07-MAR-17	Finding:	8.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	07-FEB-17	Finding:	10.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	03-JAN-17	Finding:	10.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	03-JAN-17	Finding:	0.2
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	06-DEC-16	Finding:	11.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	08-NOV-16	Finding:	12.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-NOV-16	Finding:	12.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	12-OCT-16	Finding:	13.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	07-SEP-16	Finding:	13.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-AUG-16	Finding:	13.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	28-JUL-16	Finding:	13.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-JUN-16	Finding:	13.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-JUN-16	Finding:	0.14
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	15-JUN-16	Finding:	840.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	15-JUN-16	Finding:	0.51
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	15-JUN-16	Finding:	3.9
Chemical:	VANADIUM	Report units:	UG/L
Dir:	3.		
Sample date:	15-JUN-16	Finding:	120.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	15-JUN-16	Finding:	0.23
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	15-JUN-16	Finding:	350.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	15-JUN-16	Finding:	66.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	15-JUN-16	Finding:	2.9
Chemical:	POTASSIUM	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	15-JUN-16	Finding:	55.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	15-JUN-16	Finding:	52.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	15-JUN-16	Finding:	120.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	15-JUN-16	Finding:	500.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	15-JUN-16	Finding:	13.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-JUN-16	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	15-JUN-16	Finding:	180.
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	15-JUN-16	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	15-JUN-16	Finding:	1200.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	15-JUN-16	Finding:	13.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	25-MAY-16	Finding:	13.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	05-APR-16	Finding:	9.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	01-MAR-16	Finding:	10.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	02-FEB-16	Finding:	8.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	12-JAN-16	Finding:	0.15
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	12-JAN-16	Finding:	12.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-DEC-15	Finding:	6.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-DEC-15	Finding:	30.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-NOV-15	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	20-OCT-15	Finding:	66.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	23-SEP-15	Finding:	56.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	19-AUG-15	Finding:	58.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	21-JUL-15	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	16-JUN-15	Finding:	540.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUN-15	Finding:	130.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUN-15	Finding:	810.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUN-15	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	16-JUN-15	Finding:	55.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	19-MAY-15	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	28-APR-15	Finding:	34.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	07-APR-15	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	2.		
Sample date:	03-MAR-15	Finding:	44.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-FEB-15	Finding:	39.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	06-JAN-15	Finding:	0.21
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	06-JAN-15	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	09-DEC-14	Finding:	40.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	07-OCT-14	Finding:	6.9
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dir:	3.		
Sample date:	07-OCT-14	Finding:	0.28
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	07-OCT-14	Finding:	3.3
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	07-OCT-14	Finding:	58.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	07-OCT-14	Finding:	3.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	07-OCT-14	Finding:	2.1
Chemical:	GROSS BETA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	07-OCT-14	Finding:	2.2
Chemical:	GROSS BETA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	02-SEP-14	Finding:	54.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	26-AUG-14	Finding:	54.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	06-MAY-14	Finding:	10.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	06-MAY-14	Finding:	46.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	07-MAY-13	Finding:	47.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	07-MAY-13	Finding:	0.6
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	07-MAY-13	Finding:	270.
Chemical:	IRON	Report units:	UG/L
Dir:	100.		
Sample date:	07-MAY-13	Finding:	140.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	07-MAY-13	Finding:	0.21
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	07-MAY-13	Finding:	240.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	07-MAY-13	Finding:	76.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	07-MAY-13	Finding:	3.2
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	07-MAY-13	Finding:	59.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	07-MAY-13	Finding:	50.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	07-MAY-13	Finding:	110.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	07-MAY-13	Finding:	480.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	07-MAY-13	Finding:	10.62
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	07-MAY-13	Finding:	190.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	07-MAY-13	Finding:	160.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.	Finding:	7.6
Sample date:	07-MAY-13	Report units:	Not Reported
Chemical:	PH, LABORATORY		
Dir:	0.		
Sample date:	07-MAY-13	Finding:	1100.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	07-MAY-13	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dir:	1.		
Sample date:	07-MAY-13	Finding:	710.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	20-JUN-12	Finding:	6.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	20-JUN-12	Finding:	2.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	20-JUN-12	Finding:	2.3
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	20-JUN-12	Finding:	4.6
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dir:	3.		
Sample date:	20-JUN-12	Finding:	5.3
Chemical:	VANADIUM	Report units:	UG/L
Dir:	3.		
Sample date:	20-JUN-12	Finding:	0.29
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	20-JUN-12	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	20-JUN-12	Finding:	2.1
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		

U87
South
1/2 - 1 Mile
Lower

CA WELLS 10004

Seq:	10004	Prim sta c:	10N/34W-34F01 S
Frds no:	4210011001	County:	42
District:	06	User id:	TAP
System no:	4210011	Water type:	G
Source nam:	WELL 02AS	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	345400.0	Longitude:	1202800.0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4210011	System nam:	Santa Maria Water Department
Hqname:	Not Reported	Address:	810 WEST CHURCH STREET
City:	SANTA MARIA	State:	CA
Zip:	93454	Zip ext:	5190
Pop serv:	67822	Connection:	15703
Area serve:	SANTA MARIA CITY		
Sample date:	07-JUL-15	Finding:	900.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	07-JUL-15	Finding:	210.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	07-JUL-15	Finding:	12.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	07-JUL-15	Finding:	1400.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	07-JUL-15	Finding:	93.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		

U88
South
1/2 - 1 Mile
Lower

CA WELLS 10005

Seq:	10005	Prim sta c:	10N/34W-34Q01 S
Frds no:	4210011007	County:	42
District:	06	User id:	TAP
System no:	4210011	Water type:	G
Source nam:	WELL 07S	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	345400.0	Longitude:	1202800.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4210011	System nam:	Santa Maria Water Department
Hqname:	Not Reported	Address:	810 WEST CHURCH STREET
City:	SANTA MARIA	State:	CA
Zip:	93454	Zip ext:	5190
Pop serv:	67822	Connection:	15703
Area serve:	SANTA MARIA CITY		
Sample date:	16-OCT-12	Finding:	15.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	16-OCT-12	Finding:	2.5
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	16-OCT-12	Finding:	1500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	16-OCT-12	Finding:	7.1
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	16-OCT-12	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	16-OCT-12	Finding:	240.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	16-OCT-12	Finding:	720.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	16-OCT-12	Finding:	160.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-OCT-12	Finding:	78.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-OCT-12	Finding:	63.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-OCT-12	Finding:	3.
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-OCT-12	Finding:	130.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	16-OCT-12	Finding:	350.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	16-OCT-12	Finding:	0.22
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	16-OCT-12	Finding:	140.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	16-OCT-12	Finding:	110.
Chemical:	IRON	Report units:	UG/L
Dir:	100.		
Sample date:	16-OCT-12	Finding:	4.
Chemical:	VANADIUM	Report units:	UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	3.		
Sample date:	16-OCT-12	Finding:	3.5
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	16-OCT-12	Finding:	6.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	16-OCT-12	Finding:	0.15
Chemical:	FOAMING AGENTS (MBAS)	Report units:	MG/L
Dir:	0.		
Sample date:	16-OCT-12	Finding:	1100.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	16-OCT-12	Finding:	67.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	16-OCT-12	Finding:	0.66
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	16-OCT-12	Finding:	15000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		

**89
NE
1/2 - 1 Mile
Lower**

CA WELLS CADWR0000001444

Well ID:	10N34W21R001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	10N34W21R001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=10N34W21R001S&store_num=		
GeoTracker Data:	Not Reported		

**1G
NE
1/2 - 1 Mile
Lower**

Site ID:	Not Reported		
Groundwater Flow:	NOT REPORTED	AQUIFLOW	5479
Shallow Water Depth:	Not Reported		
Deep Water Depth:	Not Reported		
Average Water Depth:	100		
Date:	MAY 1990		

**2G
NW
1/2 - 1 Mile
Lower**

Site ID:	Not Reported		
Groundwater Flow:	W	AQUIFLOW	5484
Shallow Water Depth:	100		
Deep Water Depth:	150		
Average Water Depth:	Not Reported		
Date:	MAY 29, 19		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

3G
North
1/4 - 1/2 Mile
Lower

Site ID:
Groundwater Flow:
Shallow Water Depth:
Deep Water Depth:
Average Water Depth:
Date:

Not Reported
NOT REPORTED
Not Reported
Not Reported
100
2-2-96

AQUIFLOW 5481

4G
NNE
1/2 - 1 Mile
Lower

Site ID:
Groundwater Flow:
Shallow Water Depth:
Deep Water Depth:
Average Water Depth:
Date:

Not Reported
SW
Not Reported
Not Reported
45
DECEMBER 2

AQUIFLOW 5485

5G
NE
1/2 - 1 Mile
Lower

Site ID:
Groundwater Flow:
Shallow Water Depth:
Deep Water Depth:
Average Water Depth:
Date:

Not Reported
NOT REPORTED
Not Reported
Not Reported
120
OCTOBER 26

AQUIFLOW 5482

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

A1
North
1/4 - 1/2 Mile

OIL_GAS CAOG15000220642

API #:	0408302773	Well #:	3
Well Status:	Plugged	Well Type:	Waterflood
Well Design:	SMVU Nicolai 3	Lease Name:	SMVU Nicolai
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

A2
North
1/4 - 1/2 Mile

OIL_GAS CAOG15000220228

API #:	0408302770	Well #:	1
Well Status:	Plugged	Well Type:	Waterflood
Well Design:	SMVU Mitchell-O'Donnell 1	Lease Name:	SMVU Mitchell-O'Donnell
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

3
NNE
1/4 - 1/2 Mile

OIL_GAS CAOG15000220765

API #:	0408302622	Well #:	4
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	Stinson 4	Lease Name:	Stinson
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

4
NW
1/4 - 1/2 Mile

OIL_GAS CAOG15000220344

API #:	0408302464	Well #:	1
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	Kern 1	Lease Name:	Kern
Operator ID:	03433	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

5
NE
1/2 - 1 Mile

OIL_GAS CAOG15000220887

API #:	0408302623	Well #:	7
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	Stinson 7	Lease Name:	Stinson
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

B6
North
1/2 - 1 Mile

OIL_GAS CAOG15000220229

API #:	0408302779	Well #:	1
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	SMVU Paderewski 1	Lease Name:	SMVU Paderewski
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

B7
North
1/2 - 1 Mile

OIL_GAS CAOG15000220230

API #:	0408302425	Well #:	1
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	Fee 1	Lease Name:	Fee
Operator ID:	03102	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

B8
North
1/2 - 1 Mile

OIL_GAS CAOG15000220518

API #:	0408302772	Well #:	2
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	SMVU Nicolai 2	Lease Name:	SMVU Nicolai
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

9

NNE

1/2 - 1 Mile

OIL_GAS

CAOG15000220627

API #:	0408302864	Well #:	3
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	SMVU Stinson 3	Lease Name:	SMVU Stinson
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

10

ENE

1/2 - 1 Mile

OIL_GAS

CAOG15000220535

API #:	0408302621	Well #:	2
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	Stinson 2	Lease Name:	Stinson
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

11

NE

1/2 - 1 Mile

OIL_GAS

CAOG15000220572

API #:	0408302598	Well #:	2
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	Mac Donnell 2	Lease Name:	Mac Donnell
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

12

NE

1/2 - 1 Mile

OIL_GAS

CAOG15000220665

API #:	0408302599	Well #:	3
Well Status:	Plugged	Well Type:	Waterflood
Well Design:	Mac Donnell 3	Lease Name:	Mac Donnell
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

B13
North
1/2 - 1 Mile

OIL_GAS CAOG15000220547

API #:	0408302426	Well #:	2
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	Fee 2	Lease Name:	Fee
Operator ID:	03102	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

14
NNE
1/2 - 1 Mile

OIL_GAS CAOG15000220797

API #:	0408302865	Well #:	5
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	SMVU Stinson 5	Lease Name:	SMVU Stinson
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

15
NNW
1/2 - 1 Mile

OIL_GAS CAOG15000220645

API #:	0408302428	Well #:	3
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	Paderewski 3	Lease Name:	Paderewski
Operator ID:	03102	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

16
NNW
1/2 - 1 Mile

OIL_GAS CAOG15000220361

API #:	0408302424	Well #:	1
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	A. T. 1	Lease Name:	A. T.
Operator ID:	03102	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

17
WSW
1/2 - 1 Mile

OIL_GAS CAOG15000220390

API #:	0408321232	Well #:	1-29
Well Status:	Plugged	Well Type:	Water Disposal
Well Design:	Paderewski 1-29	Lease Name:	Paderewski
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

18
WNW
1/2 - 1 Mile

OIL_GAS CAOG15000220225

API #:	0408302545	Well #:	1
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	Lloyd 1	Lease Name:	Lloyd
Operator ID:	08450	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

C19
ENE
1/2 - 1 Mile

OIL_GAS CAOG15000220348

API #:	0408302489	Well #:	1
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	Lakeview School 1	Lease Name:	Lakeview School
Operator ID:	08385	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

D20
North
1/2 - 1 Mile

OIL_GAS CAOG15000220345

API #:	0408302771	Well #:	1
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	SMVU Nicolai 1	Lease Name:	SMVU Nicolai
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

21
NE
1/2 - 1 Mile

OIL_GAS CAOG15000220757

API #: 0408302696
Well Status: Plugged
Well Design: SMVU Carranza 4
Operator ID: U0200
Area Name: Not Reported
GIS Source: GPS
Directionally Drilled: N

Well #: 4
Well Type: Oil & Gas
Lease Name: SMVU Carranza
Field Name: Santa Maria Valley
Place: Santa Maria
Confidential Well: N
Spud Date: Not Reported

22
NE
1/2 - 1 Mile

OIL_GAS CAOG15000220362

API #: 0408302597
Well Status: Plugged
Well Design: Mac Donnell 1
Operator ID: U0200
Area Name: Main
GIS Source: Unknown
Directionally Drilled: N

Well #: 1
Well Type: Waterflood
Lease Name: Mac Donnell
Field Name: Santa Maria Valley
Place: Santa Maria
Confidential Well: N
Spud Date: Not Reported

23
ENE
1/2 - 1 Mile

OIL_GAS CAOG15000220575

API #: 0408302769
Well Status: Plugged
Well Design: SMVU McCoy-Cooney 2
Operator ID: U0200
Area Name: Main
GIS Source: Unknown
Directionally Drilled: N

Well #: 2
Well Type: Waterflood
Lease Name: SMVU McCoy-Cooney
Field Name: Santa Maria Valley
Place: Santa Maria
Confidential Well: N
Spud Date: Not Reported

C24
ENE
1/2 - 1 Mile

OIL_GAS CAOG15000220640

API #: 0408302602
Well Status: Plugged
Well Design: Mallory 3
Operator ID: U0200
Area Name: Not Reported
GIS Source: Unknown
Directionally Drilled: N

Well #: 3
Well Type: Oil & Gas
Lease Name: Mallory
Field Name: Santa Maria Valley
Place: Santa Maria
Confidential Well: N
Spud Date: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

25
NNE
1/2 - 1 Mile

OIL_GAS CAOG15000220300

API #: 0408302620
Well Status: Plugged
Well Design: Stinson 1
Operator ID: U0200
Area Name: Not Reported
GIS Source: Unknown
Directionally Drilled: N

Well #: 1
Well Type: Oil & Gas
Lease Name: Stinson
Field Name: Santa Maria Valley
Place: Santa Maria
Confidential Well: N
Spud Date: Not Reported

E26
NW
1/2 - 1 Mile

OIL_GAS CAOG15000220727

API #: 0408302781
Well Status: Plugged
Well Design: SMVU Paderewski 4
Operator ID: U0200
Area Name: Main
GIS Source: Unknown
Directionally Drilled: N

Well #: 4
Well Type: Oil & Gas
Lease Name: SMVU Paderewski
Field Name: Santa Maria Valley
Place: Santa Maria
Confidential Well: N
Spud Date: Not Reported

D27
North
1/2 - 1 Mile

OIL_GAS CAOG15000220758

API #: 0408302966
Well Status: Plugged
Well Design: SMVU Union-Vicente 4
Operator ID: U0200
Area Name: Main
GIS Source: Unknown
Directionally Drilled: N

Well #: 4
Well Type: Oil & Gas
Lease Name: SMVU Union-Vicente
Field Name: Santa Maria Valley
Place: Santa Maria
Confidential Well: N
Spud Date: Not Reported

28
NW
1/2 - 1 Mile

OIL_GAS CAOG15000220377

API #: 0408302778
Well Status: Plugged
Well Design: SMVU Jim O'donnell 1
Operator ID: U0200
Area Name: Not Reported
GIS Source: Unknown
Directionally Drilled: N

Well #: 1
Well Type: Oil & Gas
Lease Name: SMVU Jim O'donnell
Field Name: Santa Maria Valley
Place: Santa Barbara County
Confidential Well: N
Spud Date: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

29
NNE
1/2 - 1 Mile

OIL_GAS CAOG15000220849

API #:	0408302866	Well #:	6
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	SMVU Stinson 6	Lease Name:	SMVU Stinson
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

30
WNW
1/2 - 1 Mile

OIL_GAS CAOG15000220227

API #:	0408302544	Well #:	1
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	Gilliland 1	Lease Name:	Gilliland
Operator ID:	08450	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

31
NNW
1/2 - 1 Mile

OIL_GAS CAOG15000220641

API #:	0408302965	Well #:	3
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	SMVU Union-Vicente 3	Lease Name:	SMVU Union-Vicente
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

E32
NW
1/2 - 1 Mile

OIL_GAS CAOG15000220818

API #:	0408300122	Well #:	5
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	SMVU Union-O'Donnell II 5	Lease Name:	SMVU Union-O'Donnell II
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

33
NE
1/2 - 1 Mile

OIL_GAS CAOG15000220514

API #:	0408302694	Well #:	2
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	SMVU Carranza 2	Lease Name:	SMVU Carranza
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

34
NNW
1/2 - 1 Mile

OIL_GAS CAOG15000220810

API #:	0408302967	Well #:	5
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	SMVU Union-Vicente 5	Lease Name:	SMVU Union-Vicente
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

F35
NW
1/2 - 1 Mile

OIL_GAS CAOG15000220515

API #:	0408302780	Well #:	2
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	SMVU Paderewski 2	Lease Name:	SMVU Paderewski
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

G36
ENE
1/2 - 1 Mile

OIL_GAS CAOG15000220552

API #:	0408302601	Well #:	2
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	Mallory 2	Lease Name:	Mallory
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

37
NNE
1/2 - 1 Mile

OIL_GAS CAOG15000220692

API #: 0408302695
Well Status: Plugged
Well Design: SMVU Carranza 3
Operator ID: U0200
Area Name: Main
GIS Source: Unknown
Directionally Drilled: N

Well #: 3
Well Type: Oil & Gas
Lease Name: SMVU Carranza
Field Name: Santa Maria Valley
Place: Santa Maria
Confidential Well: N
Spud Date: Not Reported

H38
NE
1/2 - 1 Mile

OIL_GAS CAOG15000220812

API #: 0408302697
Well Status: Plugged
Well Design: SMVU Carranza 5
Operator ID: U0200
Area Name: Main
GIS Source: Unknown
Directionally Drilled: N

Well #: 5
Well Type: Oil & Gas
Lease Name: SMVU Carranza
Field Name: Santa Maria Valley
Place: Santa Maria
Confidential Well: N
Spud Date: Not Reported

G39
NE
1/2 - 1 Mile

OIL_GAS CAOG15000220574

API #: 0408302446
Well Status: Plugged
Well Design: Gerard-Breneiser 2
Operator ID: 08960
Area Name: Not Reported
GIS Source: Unknown
Directionally Drilled: N

Well #: 2
Well Type: Oil & Gas
Lease Name: Gerard-Breneiser
Field Name: Santa Maria Valley
Place: Santa Maria
Confidential Well: N
Spud Date: Not Reported

40
North
1/2 - 1 Mile

OIL_GAS CAOG15000220837

API #: 0408302734
Well Status: Plugged
Well Design: SMVU Getty-Hobbs 6
Operator ID: U0200
Area Name: Main
GIS Source: Unknown
Directionally Drilled: N

Well #: 6
Well Type: Oil & Gas
Lease Name: SMVU Getty-Hobbs
Field Name: Santa Maria Valley
Place: Santa Maria
Confidential Well: N
Spud Date: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

F41
NW
1/2 - 1 Mile

OIL_GAS CAOG15000220644

API #: 0408302946
Well Status: Plugged
Well Design: SMVU Union-O'Donnell II 3
Operator ID: U0200
Area Name: Main
GIS Source: Unknown
Directionally Drilled: N

Well #: 3
Well Type: Oil & Gas
Lease Name: SMVU Union-O'Donnell II
Field Name: Santa Maria Valley
Place: Santa Maria
Confidential Well: N
Spud Date: Not Reported

42
NNE
1/2 - 1 Mile

OIL_GAS CAOG15000220898

API #: 0408302735
Well Status: Plugged
Well Design: SMVU Getty-Hobbs 7
Operator ID: U0200
Area Name: Main
GIS Source: Unknown
Directionally Drilled: N

Well #: 7
Well Type: Oil & Gas
Lease Name: SMVU Getty-Hobbs
Field Name: Santa Maria Valley
Place: Santa Maria
Confidential Well: N
Spud Date: Not Reported

F43
NW
1/2 - 1 Mile

OIL_GAS CAOG15000220843

API #: 0408300335
Well Status: Plugged
Well Design: SMVU Union-Vicente 6
Operator ID: U0200
Area Name: Main
GIS Source: Unknown
Directionally Drilled: N

Well #: 6
Well Type: Oil & Gas
Lease Name: SMVU Union-Vicente
Field Name: Santa Maria Valley
Place: Santa Maria
Confidential Well: N
Spud Date: Not Reported

44
NE
1/2 - 1 Mile

OIL_GAS CAOG15000220924

API #: 0408302750
Well Status: Plugged
Well Design: SMVU Getty-Vicente 8
Operator ID: U0200
Area Name: Main
GIS Source: Unknown
Directionally Drilled: N

Well #: 8
Well Type: Oil & Gas
Lease Name: SMVU Getty-Vicente
Field Name: Santa Maria Valley
Place: Santa Maria
Confidential Well: N
Spud Date: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

45
NNE
1/2 - 1 Mile

OIL_GAS CAOG15000220409

API #:	0408302738	Well #:	10
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	SMVU Getty-Hobbs 10	Lease Name:	SMVU Getty-Hobbs
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

46
North
1/2 - 1 Mile

OIL_GAS CAOG15000220517

API #:	0408302964	Well #:	2
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	SMVU Union-Vicente 2	Lease Name:	SMVU Union-Vicente
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

H47
NE
1/2 - 1 Mile

OIL_GAS CAOG15000220296

API #:	0408302693	Well #:	1
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	SMVU Carranza 1	Lease Name:	SMVU Carranza
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

48
North
1/2 - 1 Mile

OIL_GAS CAOG15000220920

API #:	0408302969	Well #:	8
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	SMVU Union-Vicente 8	Lease Name:	SMVU Union-Vicente
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

49
ENE
1/2 - 1 Mile

OIL_GAS CAOG15000220734

API #:	0408302603	Well #:	4
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	Mallory 4	Lease Name:	Mallory
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

50
NW
1/2 - 1 Mile

OIL_GAS CAOG15000220726

API #:	0408302947	Well #:	4
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	SMVU Union-O'Donnell II 4	Lease Name:	SMVU Union-O'Donnell II
Operator ID:	N0025	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	GPS	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

I51
ENE
1/2 - 1 Mile

OIL_GAS CAOG15000220347

API #:	0408302445	Well #:	1
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	Gerard-Breneiser 1	Lease Name:	Gerard-Breneiser
Operator ID:	08960	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

52
ESE
1/2 - 1 Mile

OIL_GAS CAOG15000220603

API #:	0408302471	Well #:	22-34
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	Madden 22-34	Lease Name:	Madden
Operator ID:	05437	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

53
NNE
1/2 - 1 Mile

OIL_GAS CAOG15000220441

API #:	0408303024	Well #:	12
Well Status:	Plugged	Well Type:	Waterflood
Well Design:	SMVU Getty-Hobbs 12	Lease Name:	SMVU Getty-Hobbs
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

I54
ENE
1/2 - 1 Mile

OIL_GAS CAOG15000220231

API #:	0408302767	Well #:	1
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	SMVU Mallory 1	Lease Name:	SMVU Mallory
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

55
NNW
1/2 - 1 Mile

OIL_GAS CAOG15000220875

API #:	0408302968	Well #:	7
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	SMVU Union-Vicente 7	Lease Name:	SMVU Union-Vicente
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

56
North
1/2 - 1 Mile

OIL_GAS CAOG15000220817

API #:	0408302733	Well #:	5
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	SMVU Getty-Hobbs 5	Lease Name:	SMVU Getty-Hobbs
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

57
NNE
1/2 - 1 Mile

OIL_GAS CAOG15000220941

API #: 0408302737
Well Status: Plugged
Well Design: SMVU Getty-Hobbs 9
Operator ID: U0200
Area Name: Main
GIS Source: Unknown
Directionally Drilled: N

Well #: 9
Well Type: Oil & Gas
Lease Name: SMVU Getty-Hobbs
Field Name: Santa Maria Valley
Place: Santa Maria
Confidential Well: N
Spud Date: Not Reported

58
NE
1/2 - 1 Mile

OIL_GAS CAOG15000220889

API #: 0408302749
Well Status: Plugged
Well Design: SMVU Getty-Vicente 7
Operator ID: U0200
Area Name: Main
GIS Source: Unknown
Directionally Drilled: N

Well #: 7
Well Type: Oil & Gas
Lease Name: SMVU Getty-Vicente
Field Name: Santa Maria Valley
Place: Santa Maria
Confidential Well: N
Spud Date: Not Reported

59
East
1/2 - 1 Mile

OIL_GAS CAOG15000220634

API #: 0408302605
Well Status: Plugged
Well Design: McCoy-Cooney 3
Operator ID: U0200
Area Name: Not Reported
GIS Source: Unknown
Directionally Drilled: N

Well #: 3
Well Type: Oil & Gas
Lease Name: McCoy-Cooney
Field Name: Santa Maria Valley
Place: Santa Maria
Confidential Well: N
Spud Date: Not Reported

60
NNW
1/2 - 1 Mile

OIL_GAS CAOG15000220428

API #: 0408302971
Well Status: Plugged
Well Design: SMVU Union-Vicente 11
Operator ID: U0200
Area Name: Main
GIS Source: Unknown
Directionally Drilled: N

Well #: 11
Well Type: Oil & Gas
Lease Name: SMVU Union-Vicente
Field Name: Santa Maria Valley
Place: Santa Maria
Confidential Well: N
Spud Date: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

61
NE
1/2 - 1 Mile

OIL_GAS CAOG15000220464

API #:	0408302741	Well #:	14
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	SMVU Getty-Hobbs 14	Lease Name:	SMVU Getty-Hobbs
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

62
ENE
1/2 - 1 Mile

OIL_GAS CAOG15000220842

API #:	0408302748	Well #:	6
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	SMVU Getty-Vicente 6	Lease Name:	SMVU Getty-Vicente
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Main	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

63
ENE
1/2 - 1 Mile

OIL_GAS CAOG15000220766

API #:	0408302451	Well #:	4
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	Samarin 4	Lease Name:	Samarin
Operator ID:	C5640	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

64
North
1/2 - 1 Mile

OIL_GAS CAOG15000220297

API #:	0408302664	Well #:	1
Well Status:	Plugged	Well Type:	Oil & Gas
Well Design:	Frank Vicente 1	Lease Name:	Frank Vicente
Operator ID:	U0200	Field Name:	Santa Maria Valley
Area Name:	Not Reported	Place:	Santa Maria
GIS Source:	Unknown	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

65
North
1/2 - 1 Mile

OIL_GAS CAOG15000220449

API #: 0408302972
Well Status: Plugged
Well Design: SMVU Union-Vicente 12
Operator ID: U0200
Area Name: Main
GIS Source: Unknown
Directionally Drilled: N

Well #: 12
Well Type: Oil & Gas
Lease Name: SMVU Union-Vicente
Field Name: Santa Maria Valley
Place: Santa Maria
Confidential Well: N
Spud Date: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
93455	57	1

Federal EPA Radon Zone for SANTA BARBARA County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 93455

Number of sites tested: 11

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.318 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program

State Water Resources Control Board

Telephone: 916-341-5577

The GAMA Program is California's comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Health Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations

Source: Dept of Conservation, Geologic Energy Management Division

Telephone: 916-323-1779

Oil and Gas well locations in the state.

California Earthquake Fault Lines

Source: California Division of Mines and Geology

The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United States Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558

Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

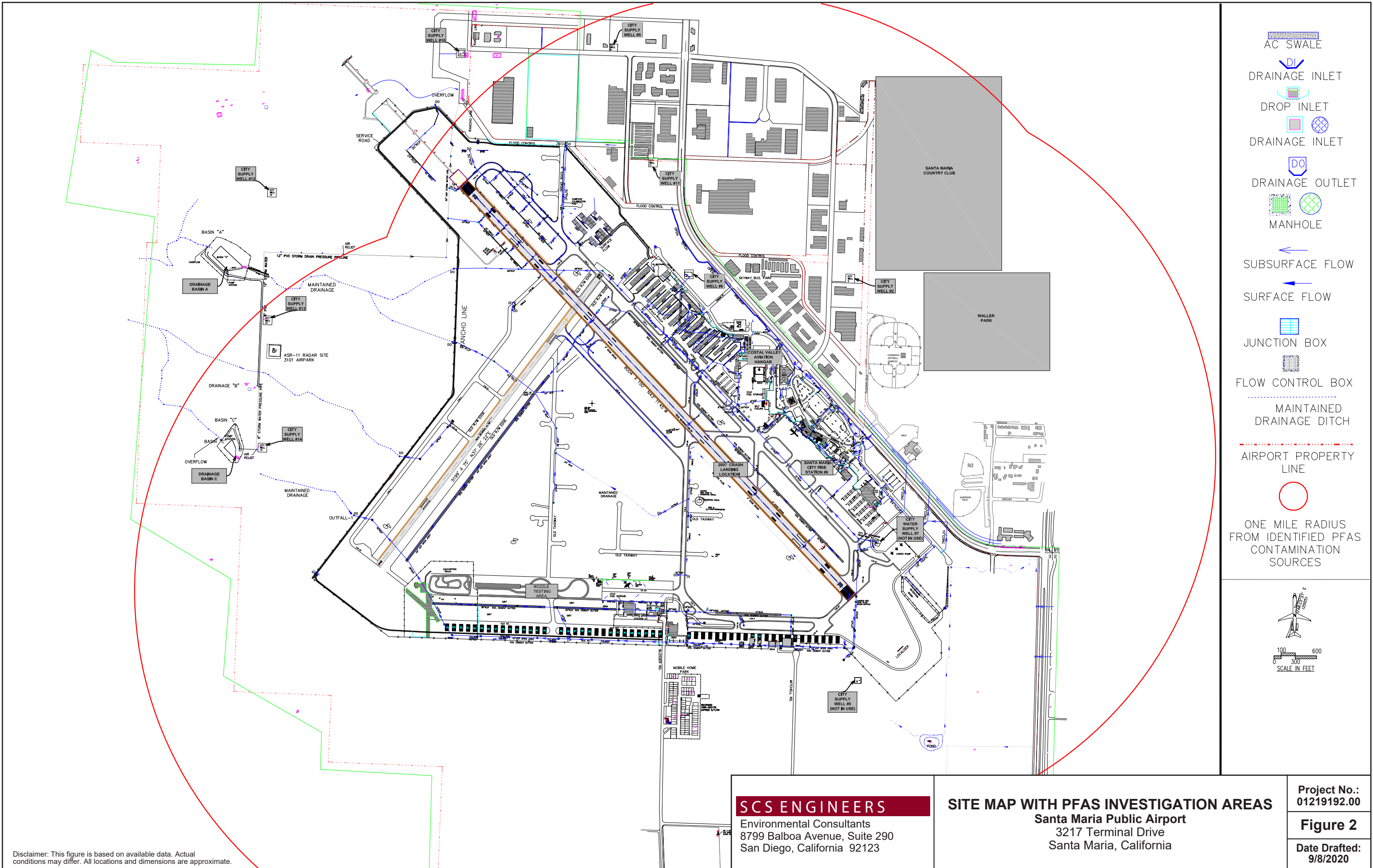
California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Appendix C

Regulatory Documentation



WELL PERMIT APPLICATION

TYPE OF PERMIT (Please check the appropriate box below)

<input checked="" type="checkbox"/> Construction or Modification	\$540 (3 hrs.) *	[4669]	"Modification" means the deepening of a well, reperforation, sealing or replacement of well casing - construction of one completed well
<input type="checkbox"/> Well Inactivation	\$450 (2.5 hrs) *	[4667]	Not used for a period of one year
<input type="checkbox"/> Well Destruction	\$360 (2 hrs) *	[4668]	Abandonment - Complete filling of the well

FOR OFFICE USE ONLY

Rec'd Date: 2-07-06
Rec'd By: [Signature]
SR # 104216
District # _____

* An hourly rate fee of \$100 will be added for those projects that require staff time in excess of that noted above. Final project approval will not be issued until all fees are paid.

Attached: Plot plan indicating the location of the well with respect to the following items:

- Property lines
- Drainage pattern of the property
- Access roads and easement (water, sewer, utility, roadway)
- Existing and/or proposed structures.
- Existing wells within a one hundred foot radius of the proposed well
- Animal or fowl enclosure, pens, paddocks, stockyards within a one hundred foot radius of proposed well site
- Sewage disposal systems or works carrying or containing sewage or industrial wastes within a two hundred foot radius of the proposed well
- All perennial, seasonal, natural, or artificial water bodies or watercourses, including location of one hundred year floodplain, if applicable

APPLICANT: ☒ Legal Property Owner ☐ Licensed Well Drilling Contractor ☐ Owner's Agent (Authorized in writing)
Legal Property Owner Santa Maria Public Airport District Telephone No. (805) 922-1726
Mailing Address: 3217 Terminal Drive Santa Maria CA 93455
Street Direction Street Name City State/ Zip Code
Site Location: 1424 Fairway Drive Santa Maria CA 93455
Street Direction Street Name City State/Zip Code

(If applicant is other than Legal Property Owner):

Applicant's Name LPO Telephone No. () -

Applicant's Address: _____
Street Direction Street Name City State/Zip Code

Assessor's Parcel Number 1 1 1 - 2 3 1 - 15, 16 Start: ____/____/____ Finish: ____/____/____

WELL USE: ☐ Domestic Water ☒ Agriculture Water ☐ Cathodic ☐ Test ☐ Other _____

DRILLING METHOD: ☒ Rotary ☐ Cable ☐ Other _____

OTHER WATER SOURCES: ☒ Public ☐ Private ☐ None

Proposed Depth <u>300</u> ft.	Casing Information
Well Bore Diam. <u>8"</u> in.	Type: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other <u>SDR 21</u>
Sealing Material (Check)	Wall / Gage _____ in. Diameter <u>8</u> in. Annular Seal Depth <u>50</u> ft.
<input type="checkbox"/> Neat Cement <input type="checkbox"/> Clay	Additional Work Description _____
<input type="checkbox"/> Cement Grout <input checked="" type="checkbox"/> Concrete	_____

LEGAL DECLARATION

LICENSED CONTRACTOR DECLARATION

Licensed under the provisions of Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code (B. & P.C.), as a well drilling contractor and such license is in full force and effect.

Ron Taylor
Print Name of Driller

Ron Taylor
Signature of Driller

2-7-06
Date

Lic. No.: C57-523858

Office Telephone 925-0665

Cell Phone: 805-680-2128

Business Name: Ron Taylor Drilling Address 2801 Mahoney Road

(Complete 'A' or 'B')

A. WORKERS' COMPENSATION DECLARATION

I hereby affirm one of the following:

- ☒ I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

Carrier STATE FUND Policy No. 161-2721-05

I certify that, in the performance of the work for this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that, if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Applicant Signature Ron Taylor Date 2-7-06

B. CERTIFICATION OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

I certify that in the performance of work for which this permit is issued, I shall not employ any person in an manner so as to become subject to the Worker's Compensation Laws of California.

Applicant Signature _____ Date _____

Notice to Applicant: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

WHEN SIGNED BY AN ENVIRONMENTAL HEALTH SERVICE'S SPECIALIST, this application shall be deemed a permit for the work described. Please note additional permits (such as electrical installation, waste discharge requirements, land use clearance, grading) may also be required from other agencies. THIS PERMIT SHALL EXPIRE upon completion of the task authorized; in any event shall expire one year from date of issuance. No changes from the approved plan are permitted without prior written approval by Environmental Health Services. Final clearance will not be issued until all fees are paid.

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and inactivation. The property owner, well driller, or agent will furnish County of Santa Barbara Environmental Health Services a complete well log upon completion of well construction.

I certify that I have read this application and declare under penalty of perjury that the information contained herein is true, correct and complete. I agree to comply with all county ordinances and state laws relating to building, development and construction. I hereby authorize representatives of Santa Barbara County to enter the premises for the purpose of inspecting the work described herein for compliance with county requirements.

NOTICE: After permit approval an inspection must be scheduled at least twenty-four hours in advance directly with the Environmental Health Specialist for:

1. The sealing of the annular space on a well;
2. The destruction of wells; and
3. Any other operation that may be stipulated on the permit by the county to cope with special or unusual conditions.

Gary Rice, Airport GM

Applicant (Print Name)

Gary T. Rice
Applicant's Signature

Feb 6, 2006
Date

FOR DEPARTMENT USE ONLY

Fixed Fee: Rec'd by: Vilma Date Rec'd: 2-7-06 Amt. Rec'd: \$ 0 Check No.: _____ Receipt No: _____

Hourly Billing: Applicant notified by Plan Check (Initials): _____ Date: _____

Rec'd by: _____ Date Rec'd: _____ Amt. Rec'd: \$ _____ Check No.: _____ Receipt No: _____

Environmental Health Specialist Kathy Curdell Application Disposition: ☒ Approved ☐ Denied

Final Clearance by _____ Date: _____

Comments: No charge to public entry as per G.B.

ETS not notified for well seal & left message with Airport district indicating file is closed.



3217 TERMINAL DR.
SANTA MARIA, CA
93455.
(805) 922-1726

REVISIONS	
DATE	By
2/2/06	RH

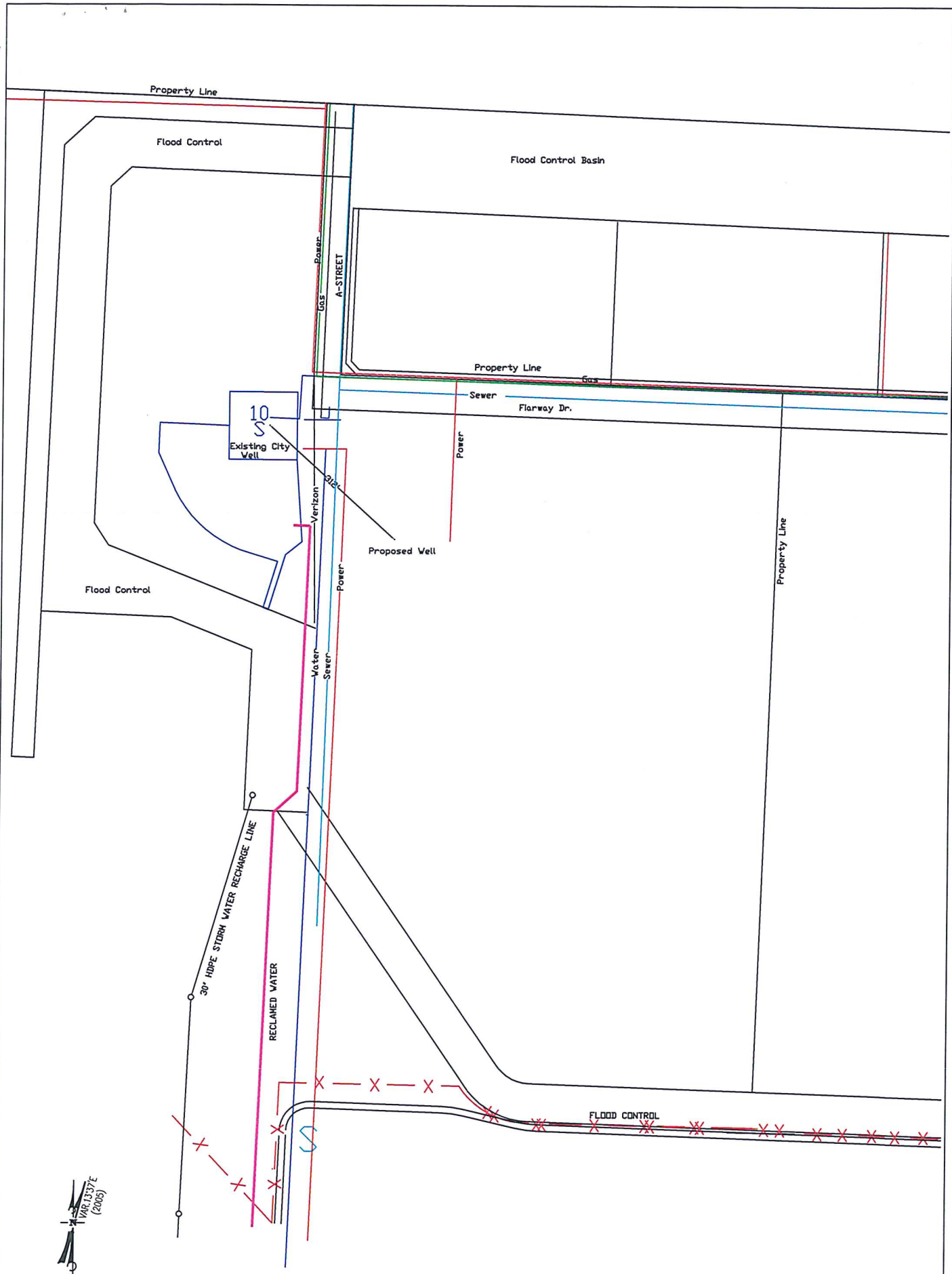
DRAWN BY:
RM

APPROVED

Page 691 of 946

Sunset Ridge
Proposed Well
Site

DRAWING NUMBER
well-site
SHEET 1 OF 1



Appendix D

Historical Research Documentation



Santa Maria Airport

Not Reported

Santa Maria, CA 93455

Inquiry Number: 7360106.8

June 09, 2023

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

06/09/23

Site Name:

Santa Maria Airport
Not Reported
Santa Maria, CA 93455
EDR Inquiry # 7360106.8

Client Name:

Rincon
180 North Ashwood Avenue
Ventura, CA 93003-0000
Contact: Lauren Vigliotti



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2020	1"=500'	Flight Year: 2020	USDA/NAIP
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1994	1"=500'	Acquisition Date: September 03, 1994	USGS/DOQQ
1981	1"=500'	Flight Date: October 18, 1981	USDA
1978	1"=500'	Flight Date: September 22, 1978	USGS
1975	1"=500'	Flight Date: December 01, 1975	USGS
1967	1"=500'	Flight Date: June 27, 1967	USGS
1960	1"=500'	Flight Date: April 01, 1960	USGS
1954	1"=500'	Flight Date: February 21, 1954	USDA
1943	1"=500'	Flight Date: September 21, 1943	USDA
1938	1"=500'	Flight Date: January 21, 1938	FAIR

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INQUIRY #: 7360106.8

YEAR: 2020

= 500'





INQUIRY #: 7360106.8

YEAR: 2016

— = 500'





INQUIRY #: 7360106.8

YEAR: 2012

— = 500'





INQUIRY #: 7360106.8

YEAR: 2009

— = 500'





INQUIRY #: 7360106.8

YEAR: 2005

— = 500'





INQUIRY #: 7360106.8

YEAR: 1994

— = 500'





INQUIRY #: 7360106.8

YEAR: 1981

— = 500'





INQUIRY #: 7360106.8

YEAR: 1978

— = 500'





INQUIRY #: 7360106.8

YEAR: 1975

— = 500'





INQUIRY #: 7360106.8

YEAR: 1967

— = 500'





INQUIRY #: 7360106.8

YEAR: 1960

— = 500'





INQUIRY #: 7360106.8

YEAR: 1954

— = 500'





INQUIRY #: 7360106.8

YEAR: 1943

— = 500'





INQUIRY #: 7360106.8

YEAR: 1938

500'



Santa Maria Airport

Not Reported

Santa Maria, CA 93455

Inquiry Number: 7360106.5

June 13, 2023

The EDR-City Directory Image Report

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2020	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2017	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1990	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1985	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1981	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1977	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1973	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1968	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POLK DIRECTORY CO
1963	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POLK DIRECTORY CO
1959	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POLK DIRECTORY CO

FINDINGS

TARGET PROPERTY STREET

Not Reported
Santa Maria, CA 93455

<u>Year</u>	<u>CD Image</u>	<u>Source</u>	
<u>AST</u>			
2020	pg A2	EDR Digital Archive	
2017	pg A5	Cole Information	
2014	pg A7	Cole Information	
2010	pg A9	Cole Information	
2005	pg A11	Cole Information	
2000	pg A13	Cole Information	
1995	pg A15	Cole Information	
1990	pg A17	Haines Criss-Cross Directory	
1985	pg A18	Haines Criss-Cross Directory	
1981	pg A19	Haines Criss-Cross Directory	
1977	pg A20	Haines Criss-Cross Directory	
1973	pg A21	Haines Criss-Cross Directory	
1968	pg 0	POLK DIRECTORY CO	Street not listed in Source
1963	pg 0	POLK DIRECTORY CO	Street not listed in Source
1959	pg 0	POLK DIRECTORY CO	Street not listed in Source

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

FAIRWAY AVE

2000	pg. A14	Cole Information
------	---------	------------------

FAIRWAY DR

2020	pg. A4	EDR Digital Archive	
2017	pg. A6	Cole Information	
2014	pg. A8	Cole Information	
2010	pg. A10	Cole Information	
2005	pg. A12	Cole Information	
1995	pg. A16	Haines Criss-Cross Directory	
1990	-	Haines Criss-Cross Directory	Street not listed in Source
1985	-	Haines Criss-Cross Directory	Street not listed in Source
1981	-	Haines Criss-Cross Directory	Street not listed in Source
1977	-	Haines Criss-Cross Directory	Street not listed in Source
1973	-	Haines Criss-Cross Directory	Street not listed in Source
1968	-	POLK DIRECTORY CO	Street not listed in Source
1963	-	POLK DIRECTORY CO	Street not listed in Source
1959	-	POLK DIRECTORY CO	Street not listed in Source

City Directory Images

A ST 2020

1599 SANTA MARIA VALLEY RAILROAD
 1735 CATALINA PANIAGUA
 MARIANITA PANIAGUA
 PERLA PANIAGUA
 QUETZAL PANIAGUA
 ROGELIO PANIAGUA
 RUBY FARM INC
 XOCHITL PANIAGUA
 1795 GERARDUS VANDENBOS
 PAOLA HERNANDEZ
 TOMASA HERNANDEZ
 2053 AMBULANCE BODY SHOP
 MARIANNE FRIEDL
 MICHAEL MCCORMICK
 ROSALES AUTO
 2059 ABIGAIL SALAZAR
 APOLONIA SALAZAR
 2220 FASTENAL
 SAFELITE AUTO GLASS
 2240 MAR VISTA BERRY LLC
 RED DOG MANAGEMET INC
 2245 SERVITIUM GROUP LLC
 WASCO INC
 WASCO SALES & MARKETING INC
 2255 INTEGRATED INDUSTRIAL SUPPLY
 2265 MARSALISI CUSTOM FARMING LLC
 T S & L SEED CO
 2275 B & B CONSTRUCTION CLEAN UP
 2285 C2 CELLARS
 2295 COASTAL REPROGRAPHIC SVC
 DATAARC LLC
 2301 A STREET WEST CONSTRUCTION
 SOUTHWEST CARPENTERS TRAINING
 2309 SUVANS LLC
 2310 ADAMES DESIGN GROUP
 J & P CONSTRUCTION
 2311 J D FABRICATIONS INC
 2313 LOTUS CABINETRY
 2317 ASIA-PAC EXPANSION INC
 JESSICO
 2325 CONNIE MORGAN
 2329 ROGAR MANUFACTURING
 2330 CAL GROW SEEDS LLC
 GOLDEN STATE WATER CO
 2337 INNER STRENGTH MARTIAL ARTS
 2341 AGFLOW IRRIGATION INC
 2350 DURANT DISTRIBUTING INC
 2353 DAN BLAUGH CONSTRUCTION
 2357 GAS TECHNOLOGY SVC
 SIMMS MACHINERY INTL

A ST

2020

(Cont'd)

2360	IGLESIA INTERNACIONAL CASA DE JUSTIN HENSLEY
2361	DAVID FISHER FISHER PUMP & WELL SVC INC NEVCAL CONSTRUCTION
2370	COAST INSTALLATIONS INC KEITHLY-WILLIAMS SEEDS KEITHLY-WILLIAMS SEEDS INC
2377	LUKER FRAMING NEV-CAL CONSTRUCTION INC
2380	BUONA TERRA FARMING
2381	CONSTRUCTION SPECIALTY SVC LEADERSHIP FUMIGATION
2385	BLACK JACK FARMS JOSE GARCIA
2389	MASCO CONTRACTOR SVC
2390	SANTA MARIA SEEDS INC
2393	TRUTEAM OF CALIFORNIA
2397	HELENA CHEMICAL CO
2410	HINRI MATTI MATTI'S PARTS IMPORTS INC
2430	SANTA MARIA KOREAN PRSBYTRN
2445	INNOVATIVE PRINTING SOLUTIONS

FAIRWAY DR 2020

900	PACIFIC BEVERAGE
1000	COCA-COLA BOTTLING CO
1234	ALPHA RESOURCE CONNECTION
	CARMONA INC
	JLC DISTRIBUTING
	REGIONAL CENTER TRI-COUNTIES
	TCRC
1303	BREEZE BUS
	SANTA MARIA AREA TRANSIT
1424	SUNSET RIDGE GOLF CTR
1451	FOODTOOLS INC
	SANTA MARIA BREWING CO
1459	CAL-STATE AUTO PARTS INC
1467	ENTRAVISION COMMUNICATIONS
	KPMR

A ST 2017

1735 PANIAGUA, ROGELIO R
 RUBY FARM INC
 1795 VANDENBOS, CORNELIS
 2059 SALAZAR, ABIGAIL
 2220 FASTENAL
 2240 RED DOG MANAGEMENT INC
 2245 WASCO INC
 WASCO SALES & MARKETING INC
 2255 INTEGRATED INDUSTRIAL SUPPLY
 2265 T S & L SEED COMPANY
 2275 REMEDIAL TRANSPORTATION SERVICES
 2295 COASTAL REPROGRAPHIC SERVICES
 2301 SOUTHWEST CARPENTERS TRAINING
 2310 ADAMES DESIGN GROUP
 J & P CONSTRUCTION
 LDM PLUMBING & MECHANICAL INC
 PLOUTZ, LYNN
 2313 LOTUS CABINETRY
 2321 SAN LUIS MOTOR SPORTS
 2325 LIBERTINE BREWING COMPANY
 2333 ELEVATION GENERAL
 WHITE SEED COMPANY
 2337 INNER STRENGTH MARTIAL ARTS ACADEMY
 2341 AGFLOW IRRIGATION INC
 2345 A STREET WEST CONSTR
 2350 DURANT DISTRIBUTING INC
 2353 DAN BLOUGH CONSTRUCTION INC
 2357 GAS TECHNOLOGY SERVICES
 SIMMS MACHINERY INTERNATIONAL
 2360 IGLESIA INTERNACIONAL
 2361 FISHER PUMP & WELL SERVICE INC
 NEVCAL CONSTRUCTION INC
 2365 COMMUNITY BANK
 2369 HERRERA CORPORATION
 2370 COAST INSTALLATIONS INC
 KEITHLYWILLIAMS SEEDS
 VANDUSSELDORP, PETER
 2373 A & B SERVICES
 2380 BUONA TERRA FARMING
 KERN TURF SUPPLY INC
 2381 CONSTRUCTION SPECIALTY SERVICES
 2389 MCS OF CA INC
 WESTERN INSULATION
 2390 SANTA MARIA SEEDS INC
 2393 TRUTEAM OF CALIFORNIA INC
 2397 HELEN CHEMICAL INC
 HELENA CHEMICAL COMPANY
 2410 MATTIS PARTS IMPORTS INC
 2430 SANTA MARIA KOREAN PRESBYTERIAN CHUR
 2445 VTC ENTERPRISES

FAIRWAY DR 2017

900	PACIFIC BEVERAGE COMPANY
1234	ALPHA RESOURCE CONNECTION
	ALPHA, R
	CARMONA INC
	JLC DISTRIBUTING INC
	REGIONAL CENTER TRICOUNTIES
	TCRC
1424	SUNSET RIDGE GOLF CENTER
1451	FOODTOOLS INC
	SANTA MARIA BREWING CO
1459	CAL STATE AUTO PARTS INC
1467	ENTRAVISION

A ST 2014

1735	PANIAGUA, ROGELIO R RUBY FARM INC
1755	VANDENBOS, GERRY
1767	OCCUPANT UNKNOWN,
1795	HOLCOMBE, PAMELA S
2057	OCCUPANT UNKNOWN,
2059	SALAZAR, ABIGAIL
2220	FASTENAL SAFELITE AUTO GLASS
2240	MISSION COMMUNITY BANK
2245	WASCO INC
2265	T S & L SEED COMPANY
2275	REMEDIAL TRANSPORTATION SERVICES
2285	FISHER PUMP & WELL SERVICE
2295	COASTAL REPROGRAPHIC SERVICES
2301	A STREET WEST CONSTRUCTION SOUTHWEST CARPENTERS TRAINING
2310	J & P CONSTRUCTION PLOUTZ, JEFF
2321	SAN LUIS MOTOR SPORTS
2325	KIRBY MORGAN DIVE SYSTEM
2329	CD LYON CONSTRUCTION
2330	GOLDEN STATE WATER COMPANY
2333	WHITE SEED COMPANY
2353	DAN BLOUGH CONSTRUCTION
2357	GAS TECHNOLOGY SERVICES SIMMS MACHINERY INTERNATIONAL
2360	IGLESIA INTERNACIONAL
2361	NEVCAL CONSTRUCTION INC OZZIMO ELECTRIC
2369	HERRERA CORPORATION
2370	COAST INSTALLATIONS INC VANDUSSELDORP, PETER
2380	KERN TURF SUPPLY INC
2381	CONSTRUCTION SPECIALTY SERVICES
2385	TESTA CATERING
2389	WESTERN INSULATION
2390	SANTA MARIA SEEDS INC
2397	HELEN CHEMICAL INC HELENA CHEMICAL COMPANY
2410	MATTIS PARTS IMPORTS INC
2430	SANTA MARIA KOREAN PRESBYTERIAN CHUR
2445	VTC ENTERPRISES

FAIRWAY DR 2014

900	PACIFIC BEVERAGE COMPANY
1234	ALPHA RESOURCE CONNECTION
	CARMONA INC
	JLC DISTRIBUTING
	TCRC
1424	SUNSET RIDGE GOLF CENTER
1451	FOODTOOLS INC
	SANTA MARIA BREWING CO
1459	CAL STATE AUTO PARTS INC
1467	ENTRAVISION

A ST 2010

1735 PANIAGUA, ROGELIO R
 RUBY FARM INC
 1753 OCCUPANT UNKNOWN,
 1767 OCCUPANT UNKNOWN,
 1795 PORTWOOD, NATHAN R
 2053 AMBULANCE BODY SHOP
 MC CORMICK DEMCON INC
 2057 ARTEAGA, RUBI A
 2059 LERMA, JOVANA
 2220 PISOS Y AZULEJOS SANTA MARIA
 2240 WOOD CONCEPTS UNLIMITED INC
 2245 WASCO INC
 2265 GOWAN SEED CO
 KENDALL LEE RENTALS
 2285 FISHER PUMP & WELL SVC
 2295 COASTAL REPROGRAPHIC SVC
 2301 A STREET WEST CONSTRUCTION
 2310 J & P CONSTRUCTION
 PLOUTZ, JEFF
 2329 C D LYON CONSTRUCTION INC
 2330 OCCUPANT UNKNOWN,
 PYBAS VEGETABLE SEED CO
 2333 ELEVATION GENERAL ENGINEERING
 2350 OZZIMO ELECTRIC INC
 2353 DAN BLAUGH CONSTRUCTION
 2357 GAS TECHNOLOGY SVC INC
 SIMMS MACHINERY INTL
 2369 AGS WALL SYSTEMS INC
 2370 ANDERSON NEWS CO
 COAST INSTALLATIONS INC
 2380 KERN TURF SUPPLY INC
 2389 WESTERN INSULATION
 2410 MATTIS PARTS IMPORTS INC
 2430 SANTA MARIA KOREAN PRSBYTRN
 2445 VOCATIONAL TRAINING CTR
 VTC ENTERPRISES

FAIRWAY DR 2010

1000	COCACOLA BOTTLING CO
1223	VERIZON
1234	ALPHA RESOURCE CONNECTION
	CARMONA INC
	COX, TAMMY
	JLC DISTRIBUTING INC
	TACO ROCO BANQUET
	TCRC
	TRI COUNTIES REGIONAL
1303	SANTA MARIA AREA TRANSIT
1424	SUNSET RIDGE GOLF CTR
1451	FOODTOOLS INC
1459	CAL STATE AUTO PARTS
1467	KPMR

A ST 2005

1735 PANIAGUA, ROGELIO R
1753 SALINAS, LUIS
1795 OCCUPANT UNKNOWN,
1955 OCCUPANT UNKNOWN,
2053 LOPEZ, PEDRO
MC CORMICK DEMCON INC
MOSQUEDA AUTO REPAIR
2057 ARTEAGA, RUBI
2258 REYES, DIMAS
2310 J & P CONSTRUCTION
2360 AIDAS UNIVERSITY BOOK EXCHANGE
2370 COAST INSTALLATIONS INC
2410 MATTIS PARTS IMPORT INC
2430 SANTA MARIA KOREAN PRESBYTERIA
SANTA MARIA KOREAN PRESBYTERIAN
2445 THE ARC OF SANTA MARIA VALLEY
VTC ENTERPRISES

FAIRWAY DR 2005

900	PACIFIC BEVERAGE CO
1000	COCA COLA BOTTLING LS ANGELS
1223	VERIZON CALIFORNIA INC
1234	CARMONA INC
	JLC DISTRIBUTING INC
	TRI COUNTIES REGIONAL
1301	MV TRANSPORTATION INC
1424	B K GOLF
	SUNSET RIDGE GOLF CENTER

A ST 2000

1505	PALATO, ENRIQUE
1605	OCCUPANT UNKNOWN,
1753	SALINAS, LUIS
1795	OCCUPANT UNKNOWN,
1955	BOAVISTA FARMS
2053	MCCORMICK, MIKE

FAIRWAY AVE 2000

1424 SUNSET RIDGE GOLF CENTER

A ST 1995

1503	BECERRA, G
	GUAM AUTO BODY REPAIR
1505	PALATO, ENRIQUE
1665	CHAVEZ FARMING
	KIRK PRODUCE
	OCCUPANT UNKNOWNN
1735	OCCUPANT UNKNOWNN
1753	TREUR, EVERETT
1950	SANTA LUZIA FARMS
2445	SANTA MARIA ASSN
	VOCATIONAL TRAINING CTR
	WOOD FABRICATORS INC

FAIRWAY DR 1995

+ FAIRWAY AV (95) 93455
SANTA MARIA

1424 ★ SUNSET RDG GOLF CT

347-1070 +5

★

1 BUS

0 RES

1 NEW

A ST 1990

A 93455 SANTA MARIA

1583	* GUAM AUTO BGDY RPR	922-3341	+0
	JURGENSEN John	925-3576	+0
1505	PALATO Enrique	925-3885	8
1685	* BERICOOL	928-2977	9
	* CHAVEZ FARMINO	928-7345	7
1753	TREUR Everett	928-3447	7
1797	XXXX	00	
1950	* SANTA LUZIA FARM	828-7157	5
2443	XXXX	00	
2445	* SANTAMARIA PETAROD	922-7381	
	* VOCATIONAL TRAINING	922-7381	2
	* WOOD FABRICATORS	928-0483	6
	* 7 BUS	5 RES	2 NEW

A ST 1985

A 93455 SANTA MARIA

1753	E&S STEAM CLEANING	925-4578	3
	TREUR EVERETT	925-4578	3
1950	SANTALUZIA FARMS	928-7167	+ 5
2443	MORIN ALFONSO	925-4459	3
2445	SANTABRBB SC AGNL DC	928-5623	2
	SANTAMRA ASN RETARO	922-7381	8
	VOCATIONAL TRAINING	922-7381	2
NO #	RODRIGUEZ BLANCA	928-2094	0
★	6 BUS	2 RES	1 NEW

A ST 1981

A 93454 SANTA MARIA

1503	ATKINS SHIRLEY	925-1043 + 1
	CEGLIA AL	922-1589 + 1
	STONECIPHER HENRY	925-1043 + 1
1505	XXXX	00
2333	MARROQUIN DOMINGA	922-5600 0
2375	XXXX	00
2443	NAVARRO EODIE	925-9287 9
2445	NORTH SNTA BR REHBL	922-7381 9
	SANTA MRA ASSN RTRD	922-7381 8
NO #	RODRIGUEZ BLANCA	926-2094 0
★	2 BUS 8 RES	3 NEW

A ST 1977

A 93454 SANTA MARIA

1503	EMERY HAL	922-4147	3
2333	VALOEZ ALFREDO G	922-5600	3
2443	NAVARRO JDS EOW	925-9287	5
2445	*NORTH S BAR CO CNSL	922-3953	6
	*NORTH S BAR REHBLTN	922-7719	
	*SANTA BAR OVLPT CTR	925-0259	
	*STA MARIA ASSN RTRD	922-1895	6
	*STA MRA SC TRNG CTR	925-7407	5
*	5 BUS	3 RES	0 NEW

A ST 1973

A 93454 SANTA MARIA

1503 COUGER STEPHANY 925-8019
 EMERY HAL 922-4147+3

2333 VALDEZ ALFREDO G 922-5600+3

2443 VILLARREAL F 925-4688+3

2445.....BUILOING

*NORTH S BAR REHBLTN 922-7719

*SANTA BAR OVLPT CTR 925-0259

*SANTA MRA CNCL RTR0 922-1895

*SANTA MRA OCPTNL CT 925-7407

*TRI CNTIES RGNL CTR 925-1266

2445.....

NO # BARTLETT BETTY 925-4942

* '5 BUS 5 RES 3 NEW



Santa Maria Airport

Not Reported

Santa Maria, CA 93455

Inquiry Number: 7360106.3

June 09, 2023

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

06/09/23

Site Name:

Santa Maria Airport
Not Reported
Santa Maria, CA 93455
EDR Inquiry # 7360106.3

Client Name:

Rincon
180 North Ashwood Avenue
Ventura, CA 93003-0000
Contact: Lauren Vigliotti



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Certified Sanborn Results:

Certification # B7E2-4475-ABA2
PO # 23-14608
Project Santa Maria Airport

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: B7E2-4475-ABA2

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- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Santa Maria Airport

Not Reported

Santa Maria, CA 93455

Inquiry Number: 7360106.4

June 09, 2023

EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

06/09/23

Site Name:

Santa Maria Airport
Not Reported
Santa Maria, CA 93455
EDR Inquiry # 7360106.4

Client Name:

Rincon
180 North Ashwood Avenue
Ventura, CA 93003-0000
Contact: Lauren Vigliotti



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Search Results:**Coordinates:**

P.O.#	23-14608	Latitude:	34.913653 34° 54' 49" North
Project:	Santa Maria Airport	Longitude:	-120.465031 -120° 27' 54" West
		UTM Zone:	Zone 10 North
		UTM X Meters:	731589.12
		UTM Y Meters:	3866400.91
		Elevation:	213.75' above sea level

Maps Provided:

2018	1947
2015	1905
2012	
1982	
1974	
1967	
1959	
1948	

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Topo Sheet Key

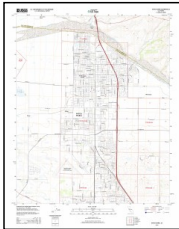
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2018 Source Sheets



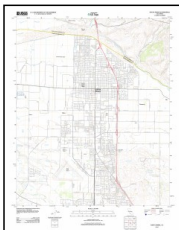
Santa Maria
2018
7.5-minute, 24000

2015 Source Sheets



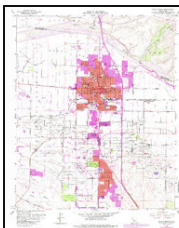
Santa Maria
2015
7.5-minute, 24000

2012 Source Sheets



Santa Maria
2012
7.5-minute, 24000

1982 Source Sheets

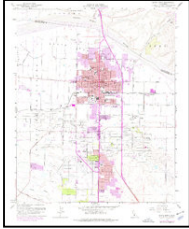


Santa Maria
1982
7.5-minute, 24000
Aerial Photo Revised 1978

Topo Sheet Key

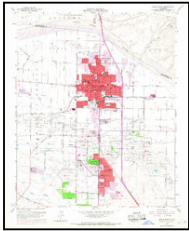
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1974 Source Sheets



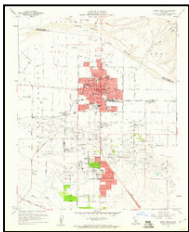
Santa Maria
1974
7.5-minute, 24000
Aerial Photo Revised 1974

1967 Source Sheets



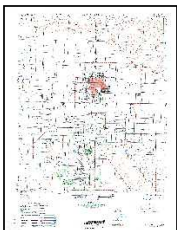
Santa Maria
1967
7.5-minute, 24000
Aerial Photo Revised 1967

1959 Source Sheets



Santa Maria
1959
7.5-minute, 24000
Aerial Photo Revised 1956

1948 Source Sheets



SANTA MARIA
1948
7.5-minute, 25000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets

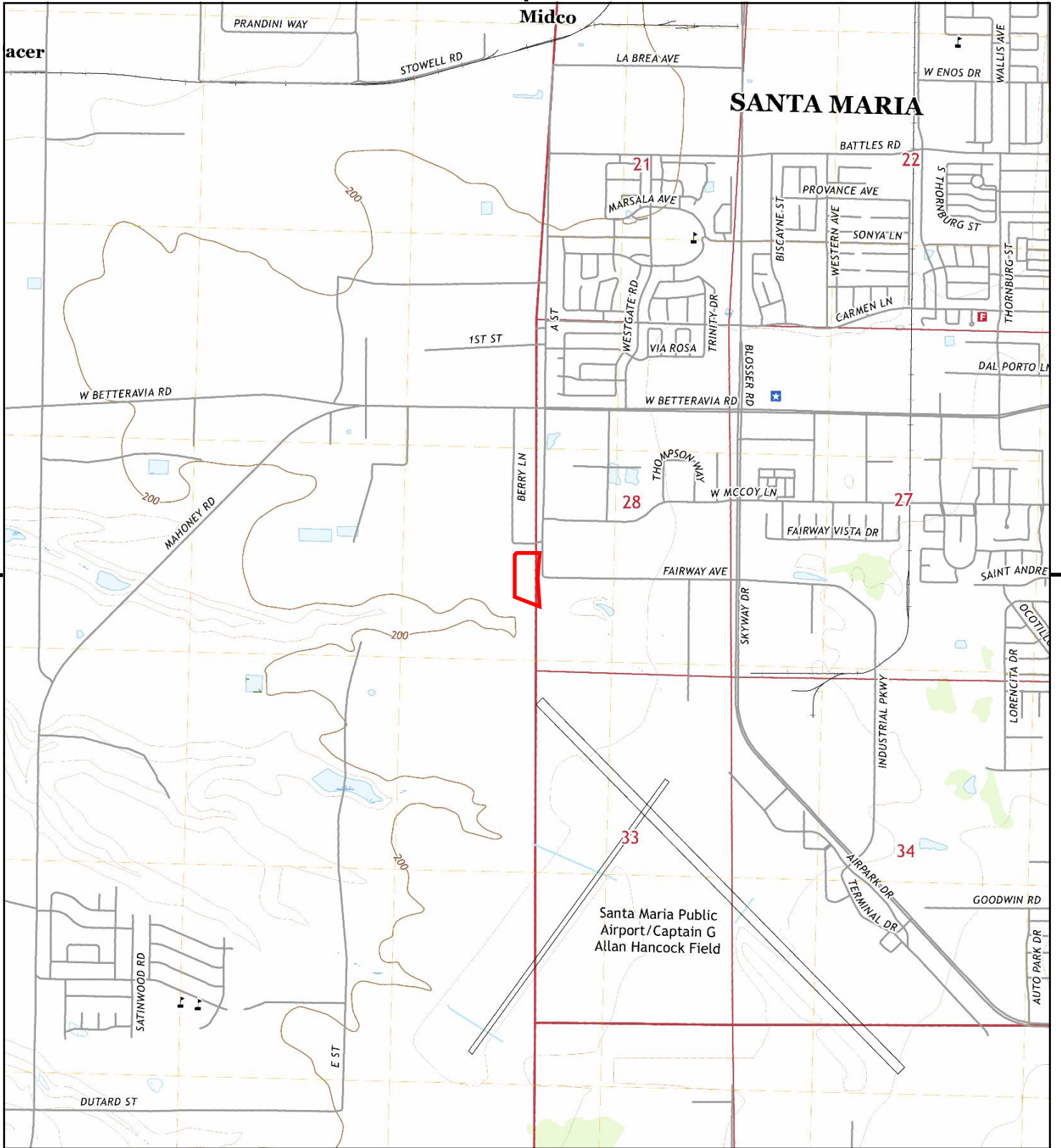


Santa Maria
1947
15-minute, 62500
Aerial Photo Revised 1946

1905 Source Sheets



Lompoc
1905
30-minute, 125000

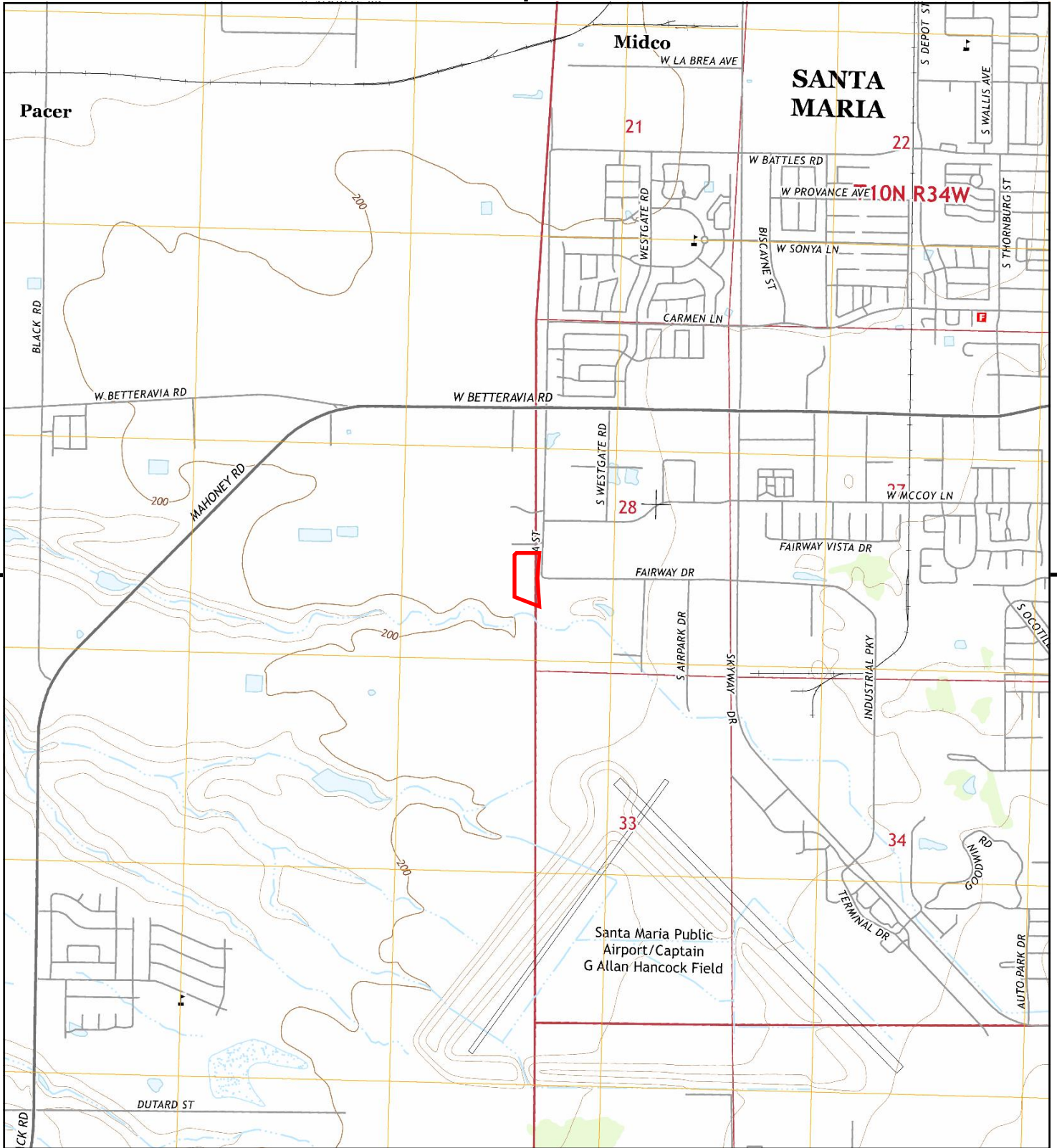


This report includes information from the following map sheet(s).



TP, Santa Maria, 2018, 7.5-minute

SITE NAME: Santa Maria Airport
 ADDRESS: Not Reported
 Santa Maria, CA 93455
 CLIENT: Rincon

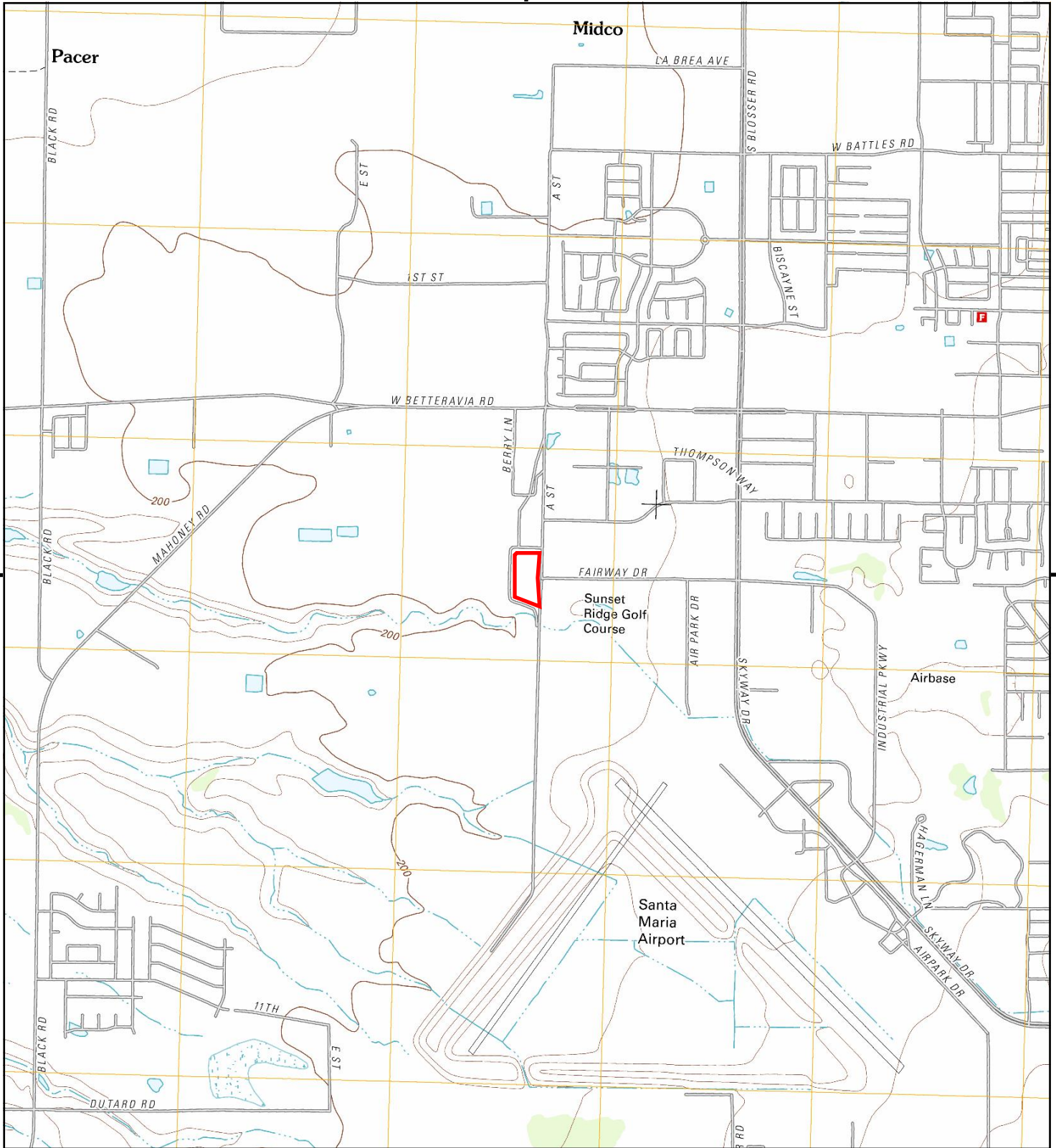


This report includes information from the following map sheet(s).



TP, Santa Maria, 2015, 7.5-minute

SITE NAME: Santa Maria Airport
ADDRESS: Not Reported
Santa Maria, CA 93455
CLIENT: Rincon

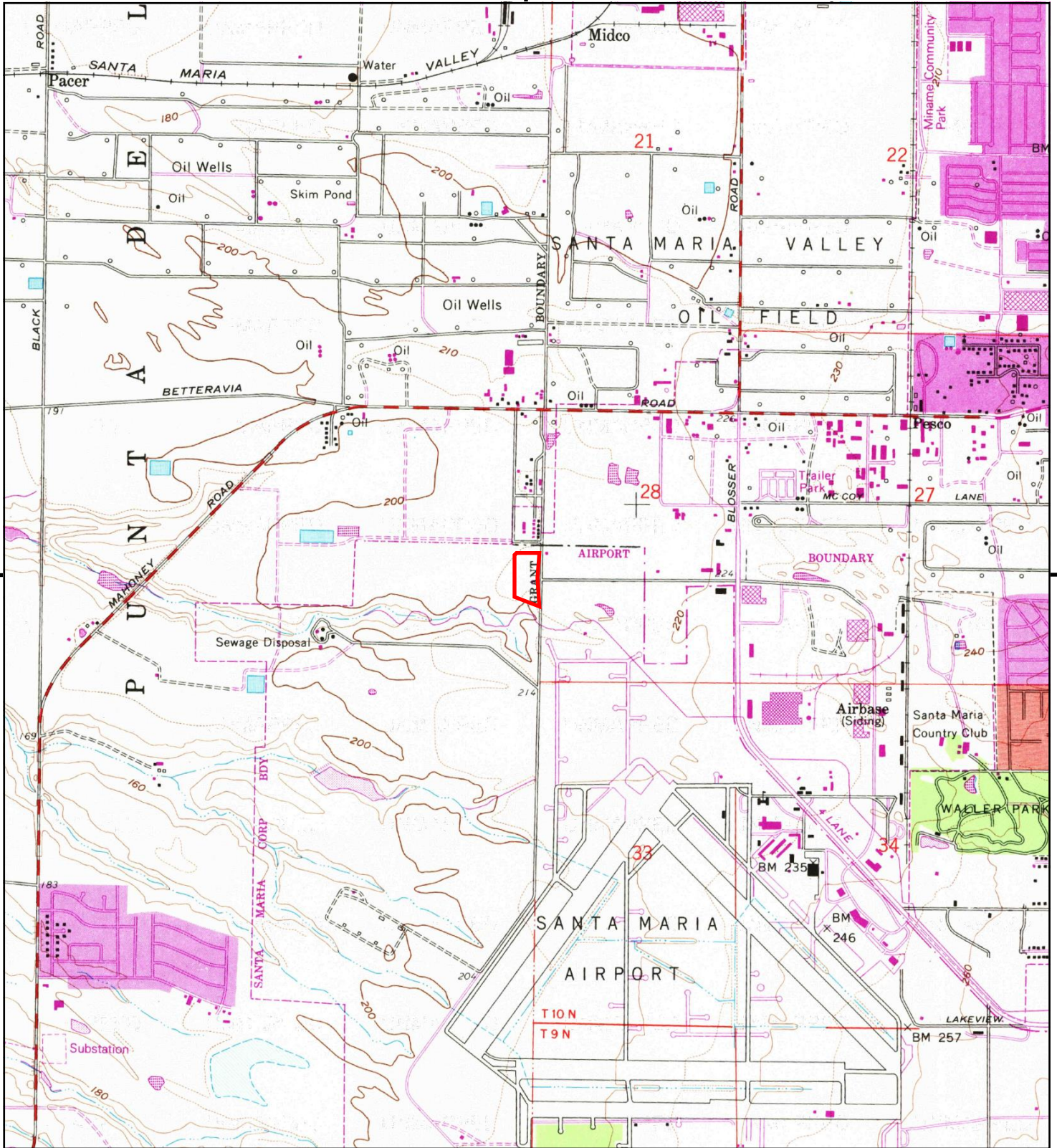


This report includes information from the following map sheet(s).



TP, Santa Maria, 2012, 7.5-minute

SITE NAME: Santa Maria Airport
 ADDRESS: Not Reported
 Santa Maria, CA 93455
 CLIENT: Rincon

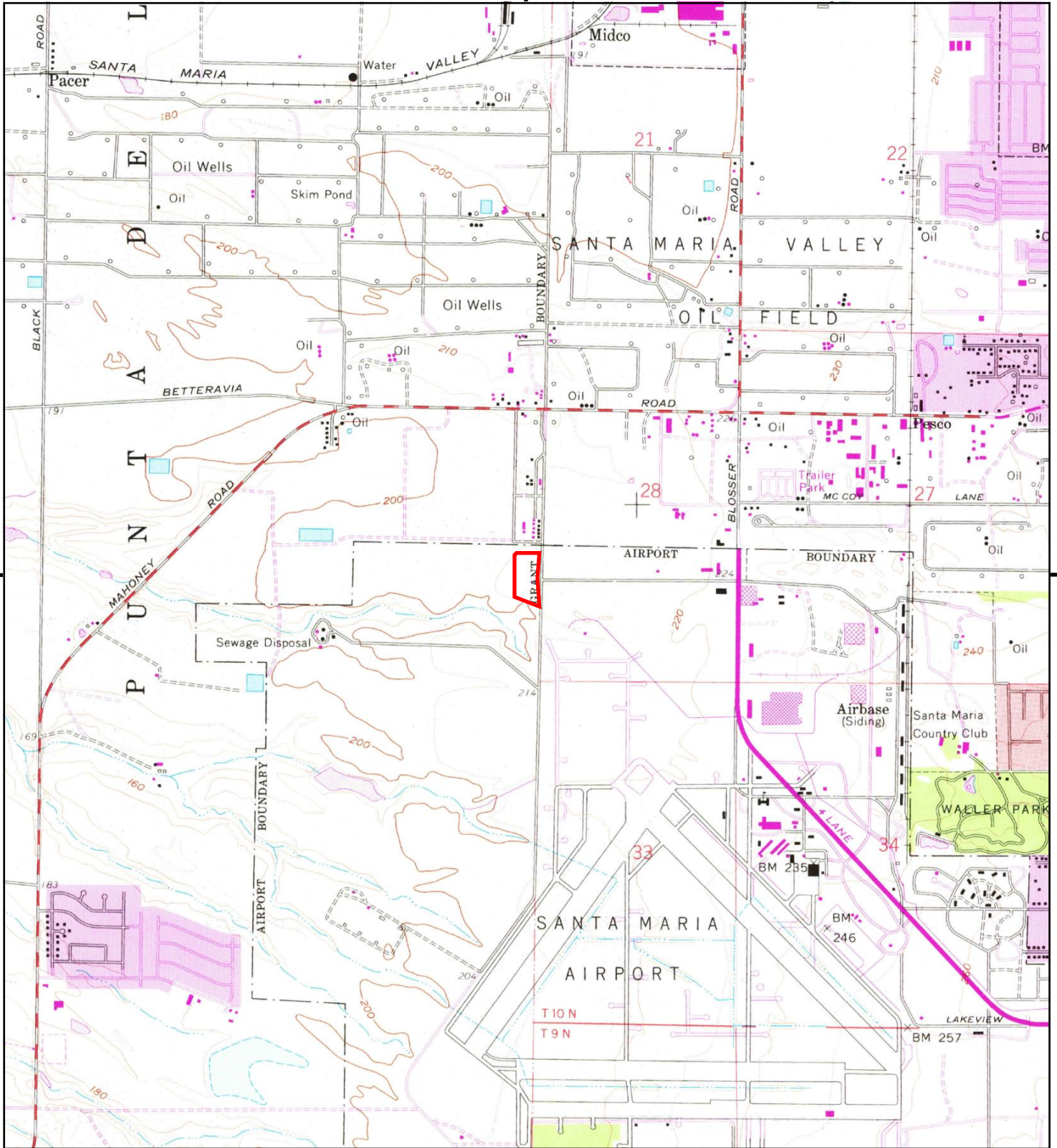


This report includes information from the following map sheet(s).



TP, Santa Maria, 1982, 7.5-minute

SITE NAME: Santa Maria Airport
 ADDRESS: Not Reported
 Santa Maria, CA 93455
 CLIENT: Rincon

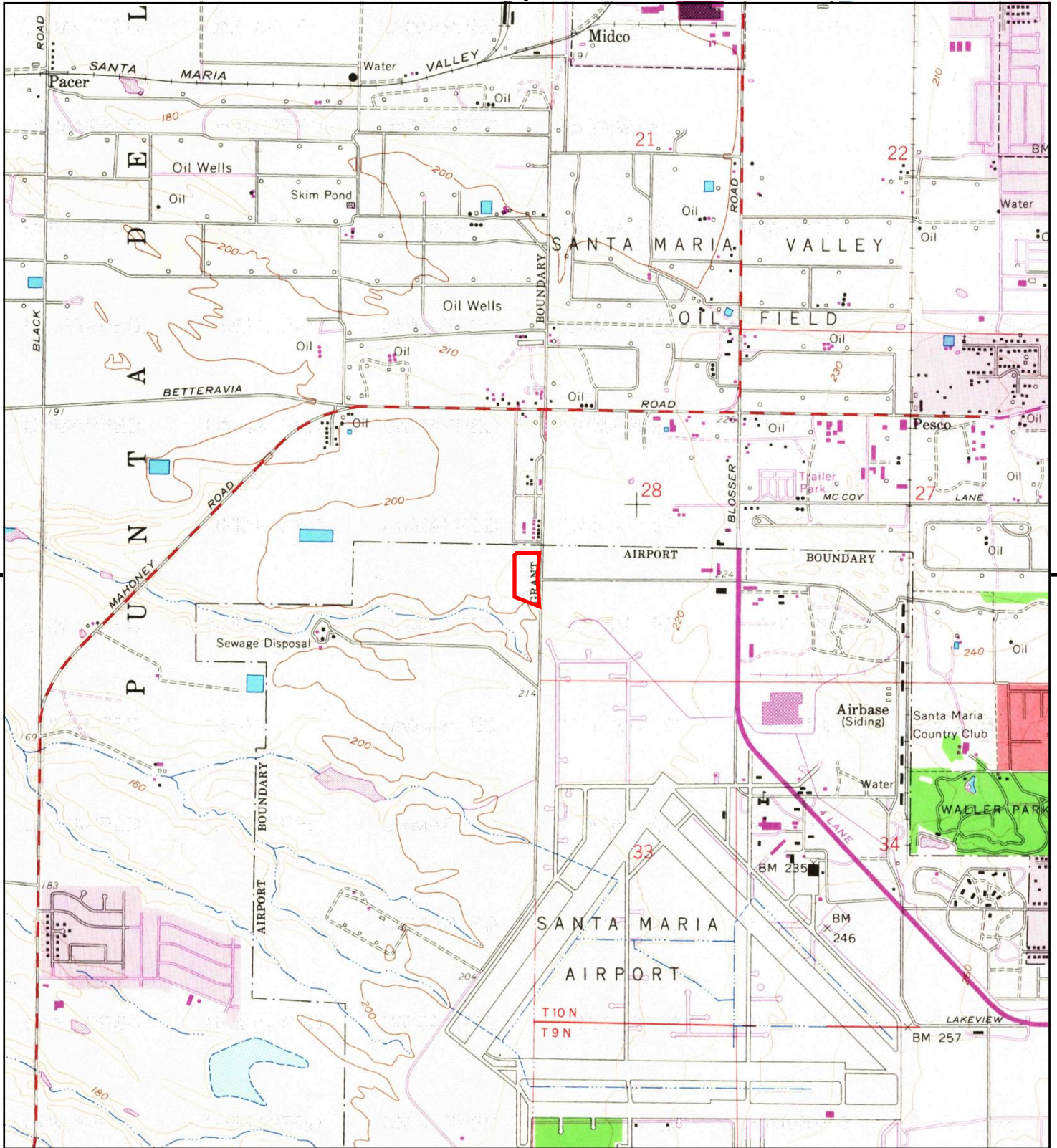


This report includes information from the following map sheet(s).



TP, Santa Maria, 1974, 7.5-minute

SITE NAME: Santa Maria Airport
ADDRESS: Not Reported
Santa Maria, CA 93455
CLIENT: Rincon

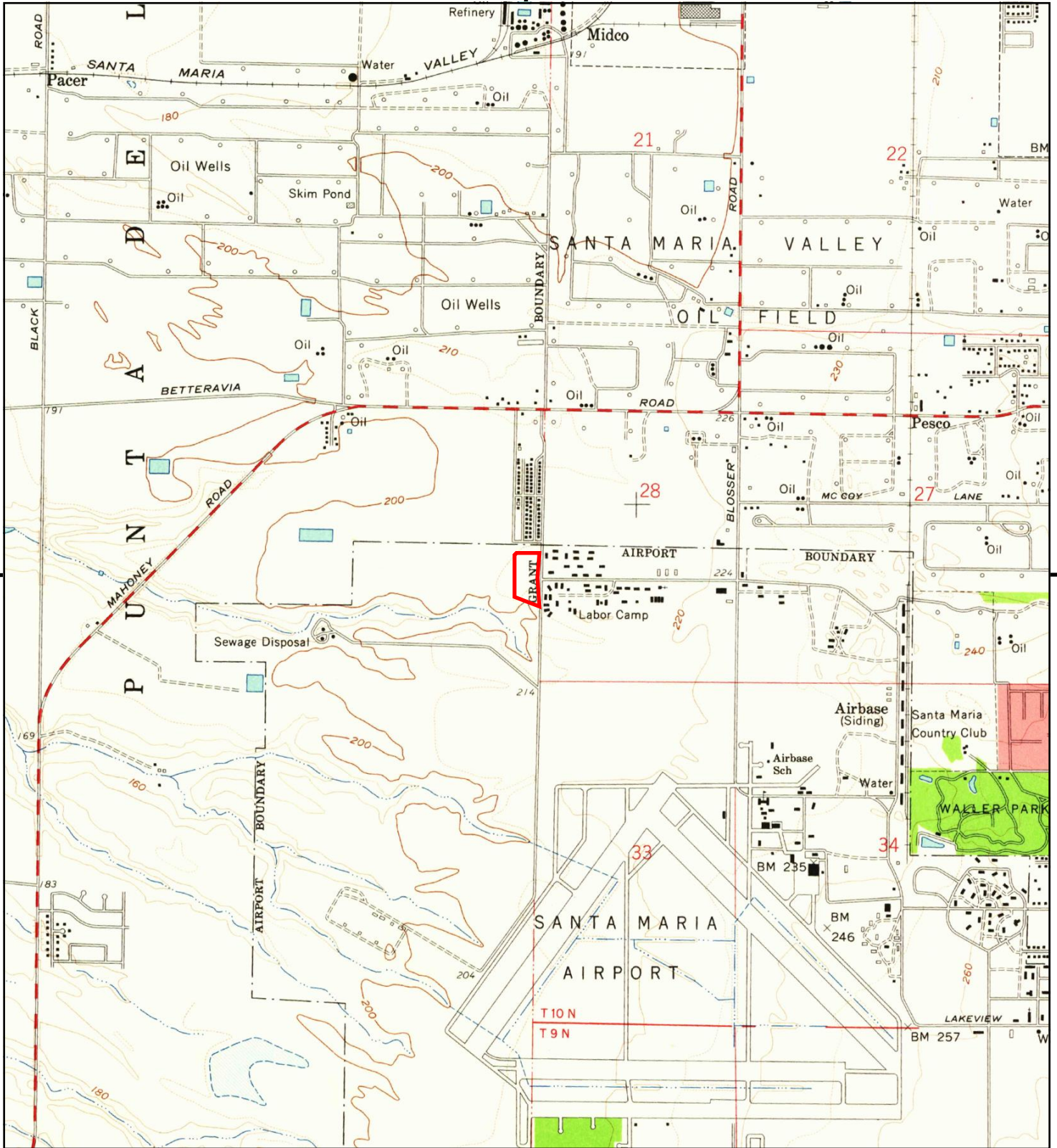


This report includes information from the following map sheet(s).



TP, Santa Maria, 1967, 7.5-minute

SITE NAME: Santa Maria Airport
ADDRESS: Not Reported
Santa Maria, CA 93455
CLIENT: Rincon

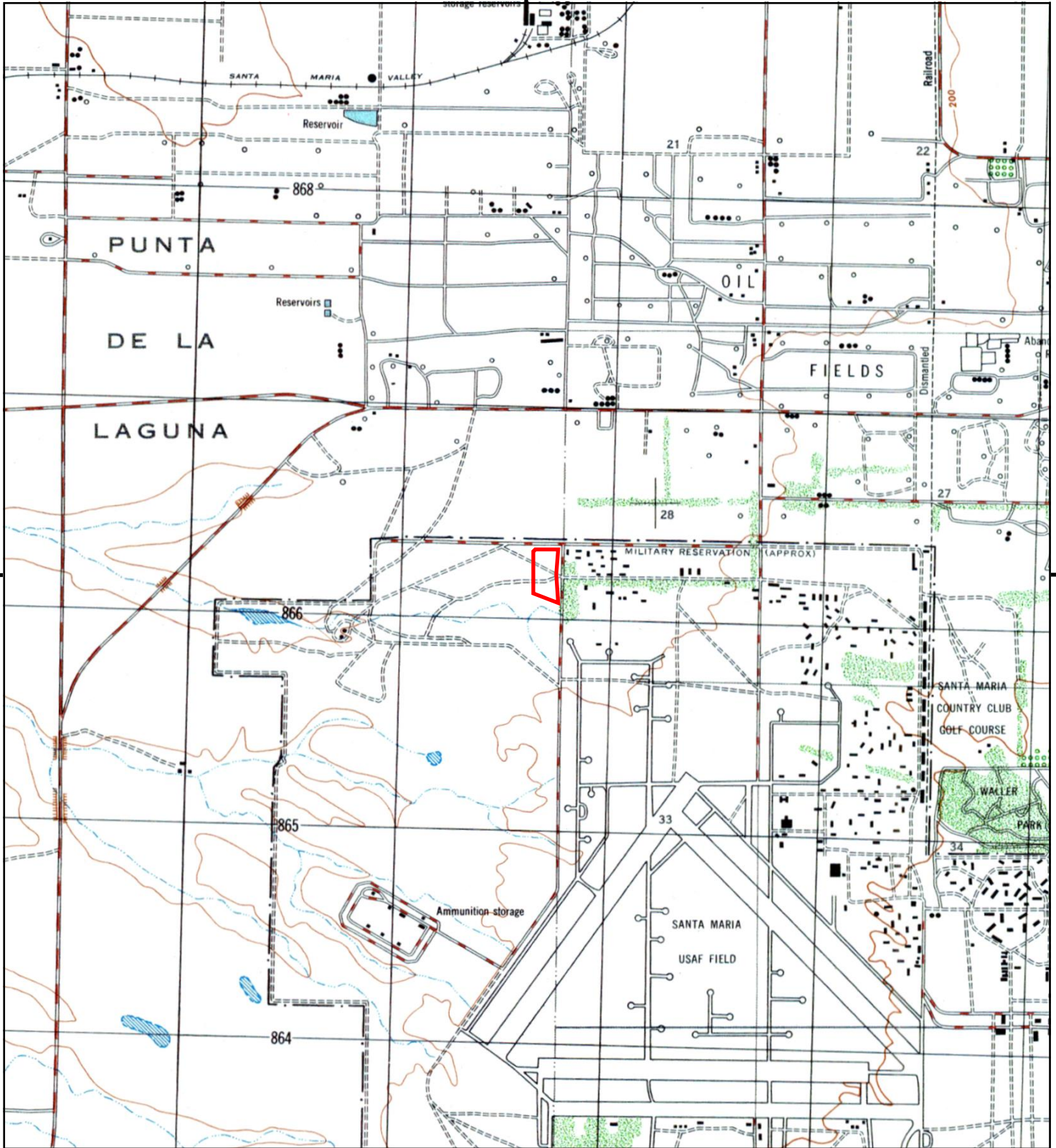


This report includes information from the following map sheet(s).



TP, Santa Maria, 1959, 7.5-minute

SITE NAME: Santa Maria Airport
ADDRESS: Not Reported
Santa Maria, CA 93455
CLIENT: Rincon

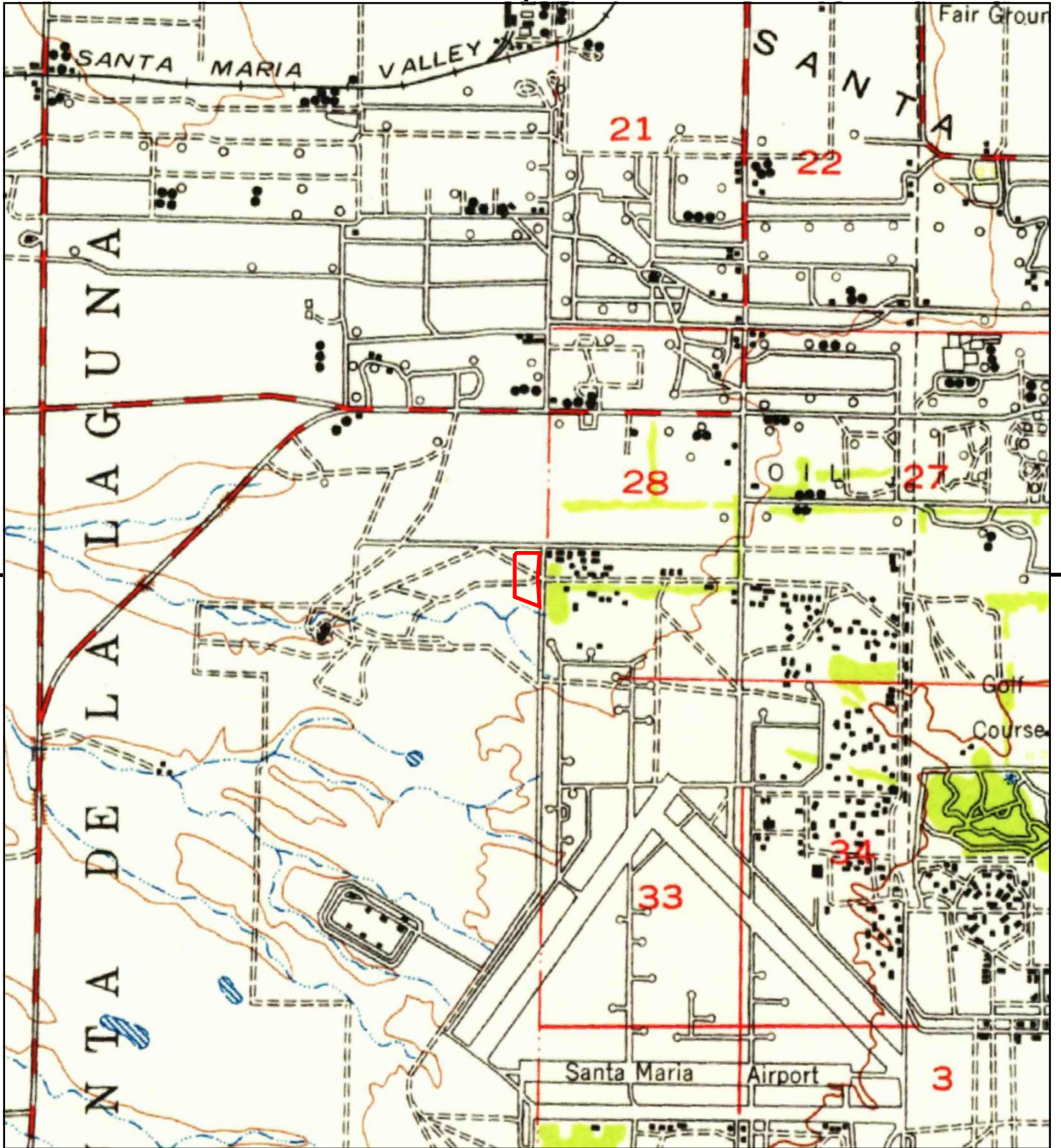


This report includes information from the following map sheet(s).



TP, SANTA MARIA, 1948, 7.5-minute

SITE NAME: Santa Maria Airport
ADDRESS: Not Reported
Santa Maria, CA 93455
CLIENT: Rincon

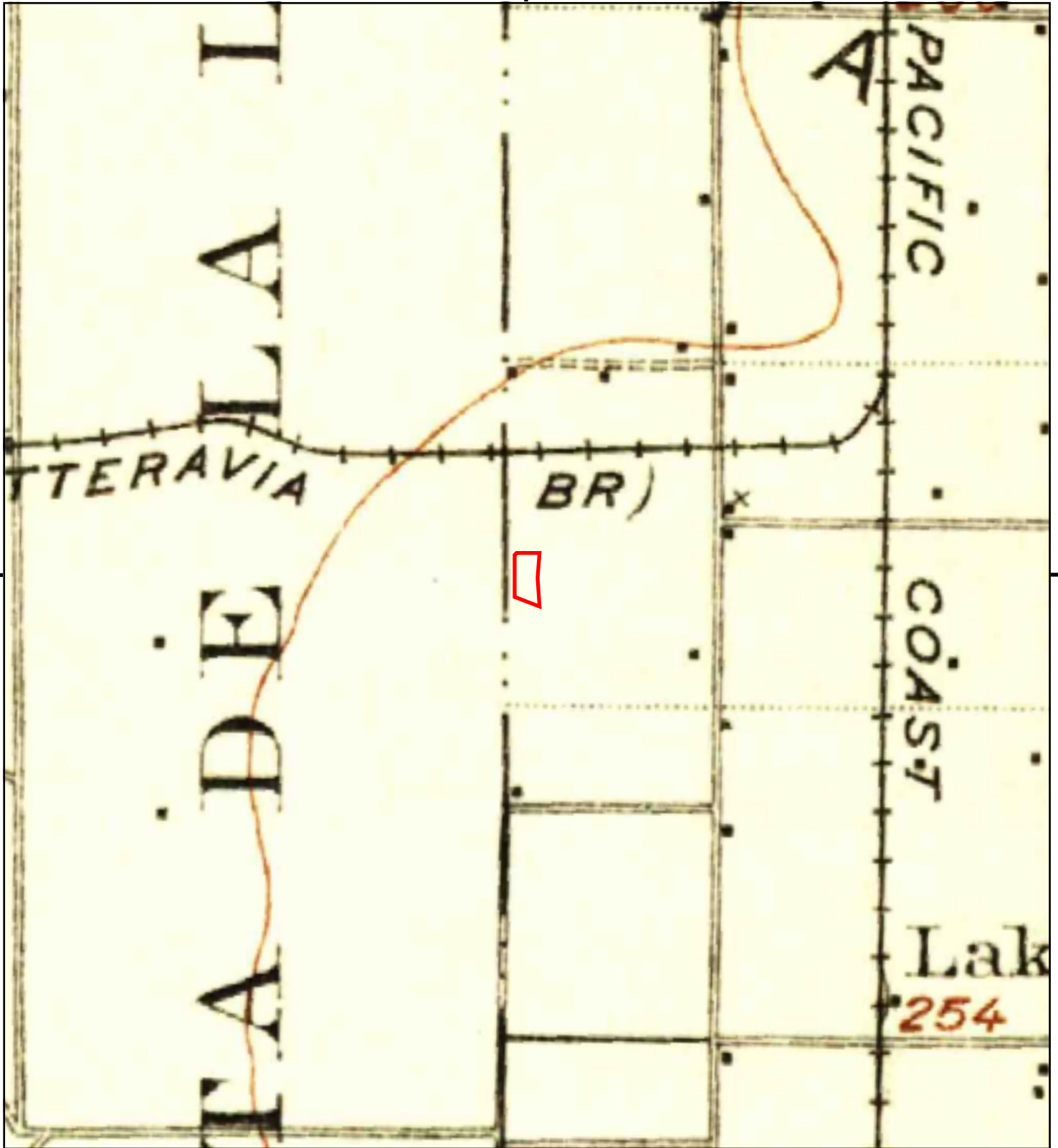


This report includes information from the following map sheet(s).



TP, Santa Maria, 1947, 15-minute

SITE NAME: Santa Maria Airport
ADDRESS: Not Reported
Santa Maria, CA 93455
CLIENT: Rincon



This report includes information from the following map sheet(s).



TP, Lompoc, 1905, 30-minute

SITE NAME: Santa Maria Airport
 ADDRESS: Not Reported
 Santa Maria, CA 93455
 CLIENT: Rincon

A Street at Fairway General Plan Amendment and Rezone

Draft Transportation Impact Study

Prepared For: City of Santa Maria and RRM Design Group

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September 2023



Executive Summary

This Transportation Impact Study (TIS) evaluates the potential transportation impacts of the rezoning of an approximately 6.9-acre site located west of A Street at Fairway Drive in the City of Santa Maria. The TIS analyzes the impacts of up to 100,000 square feet of industrial (M-I zoning) or manufacturing (C-M zoning) uses.

The proposed project is estimated to generate a maximum of 579 net new vehicle trips per weekday, including 71 AM peak hour trips and 70 PM peak hour trips if developed as manufacturing. General light industrial and an industrial park would generate fewer vehicle trips than the manufacturing land use.

Intersection Operations

All study intersections operate acceptably at level of service (LOS) D or better under Existing and Cumulative Conditions with or without the project.

We recommend the City update the following signal timing inputs for consistency with the California Manual on Uniform Traffic Control Devices (CAMUTCD) and the National Cooperative Highway Research Program (NCHRP) recommendations:

- Minimum Green Times
- Yellow Clearance Intervals
- Red Clearance Intervals
- Pedestrian Clearance Interval (Flashing Don't Walk)

The signal timing input recommendations are detailed in the report.

Site Access and Circulation

The preliminary site plan does not include the project access or frontage improvements. We recommend the project complete the following:

- Construct curb, gutter, and sidewalk on the project frontage extending to existing sidewalks on A Street and Fairway Drive.
- Stripe Class II bike lanes on Fairway Drive.
- Extend the existing bike lanes on A Street through the knuckle to the Fairway Avenue bike lanes.
- Restrict parking within the knuckle at the A Street/Fairway Drive intersection.
- Stripe crosswalks on Skyway Drive at Fairway Drive/Skyway Drive (#3).
- Locate primary project access on A Street approximately 300 feet north of Fairway Drive across from the existing driveway.
- Consider secondary project access restricted to right-in, right-out within the knuckle.
- Provide convenient pedestrian and bicycle access between the land uses on the project site and the frontage improvements.

Vehicle Miles Traveled (VMT)

The project is prescreened to have a less than significant impact on VMT since home-based-work VMT per employee is less than 85 percent of the Countywide average. Therefore, the project has a less than significant impact on VMT.

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1.0 Introduction

This study evaluates the potential transportation impacts of the General Plan Amendment and Zone change proposed for the parcel located east of A Street at Fairway Drive on the western edge of the City of Santa Maria south of Betteravia Road and west of Skyway Drive. The project site is currently vacant except for the existing City water well pump facility and yard in the center of the site and a Santa Barbara County flood control channel. The approximately 6.9-acre project site is currently zoned for Open Space (OS), and Airport Service (AS-1). There is also an alternative project site on the same parcel at the southern end. The project proposes up to 100,000 square feet of industrial or manufacturing uses. The project vicinity map is shown in **Figure 1**.

The following study intersections were evaluated during the weekday AM and PM peak hours:

1. A Street/Betteravia Rd (Traffic Signal)
2. A Street/McCoy Lane (Stop Controlled)
3. Skyway Drive/Fairway Drive (Traffic Signal)

Vehicular level of service (LOS) and queuing is evaluated at each study intersection. The study locations were evaluated under these scenarios:

- **Existing Conditions** reflects existing traffic counts and the existing transportation network.
- **Existing Plus Project** adds Project-generated traffic to existing volumes.
- **Cumulative Conditions** reflects buildout of land uses in the region, not including the proposed Project.
- **Cumulative Plus Project** adds Project-generated traffic to cumulative volumes.

Each scenario is described in more detail in the appropriate chapter.

This study also evaluates vehicle miles traveled (VMT), safety, emergency access, and consistency with regional plans as required under the California Environmental Quality Act (CEQA).

Figure 1: Project Vicinity Map



2.0 CEQA Transportation Analysis

This section presents analysis relevant to the California Environmental Quality Act (CEQA), notably analysis of the existing setting, vehicle miles traveled (VMT), emergency access, and safety.

2.1 EXISTING CIRCULATION NETWORK

The existing roadways in the project vicinity are described below with the roadway functional classifications obtained from the City's General Plan 2020 Transportation and Mobility Report Existing Conditions Report.

- *Betteravia Road* is an east-west primary arterial in the study area with an interchange at US 101 to the east. There are four lanes east of A Street and two lanes west of A Street. There are intermittent sidewalks east of A Street. The posted speed limit is 45 miles per hour (mph) in the City of Santa Maria.
- *A Street* is a north-south secondary arterial. There are four lanes from Betteravia Road to north of McCoy Lane and two lanes on the remainder of the roadway. There are existing Class II bike lanes and intermittent sidewalks south of Betteravia Road. The posted speed limit is 40 mph.
- *McCoy Lane* is an east-west, two-lane local road with sidewalks on both sides of the roadway, on-street parking, and a posted speed limit of 35 mph.
- *Fairway Drive* is an east-west, two-lane collector road with sidewalks on both sides of the roadway, on-street parking, and a posted speed limit of 40 mph.
- *Skyway Drive* is a north-south, four-lane primary arterial with intermittent sidewalks, existing Class II bike lanes, no on-street parking, and a posted speed limit of 55 mph.

The existing crosswalks at the study intersections are described below.

- A Street/Betteravia Road (#1): Marked crosswalks with pedestrian signals on all but the west leg.
- A Street/McCoy Lane (#2): No marked crosswalks with side street stop controlled.
- Skyway Drive/Fairway Drive (#3): Marked crosswalks on the west and east legs with pedestrian signals on all legs.

The 2009 Santa Maria Pedestrian and Bicycle Master Plan includes proposed Class II bike lanes on Betteravia Road, McCoy Lane, and the Fairway Drive Extension. A Class I bike path is also proposed on A Street and McCoy Lane.

2.2 TRANSIT

Santa Maria Regional Transit (SMRT) operates transit service in the City of Santa Maria and in Orcutt. *SMRT Route 4* travels between the northeastern area of the City and the Airport via the Santa Maria Transit Center with 45-minute headways. The closest stops to the project site are on A Street south of Betteravia Road. *SMRT*

The Breeze Bus operates commuter services between Santa Maria, Vandenberg Air Force Base, Lompoc, Los Alamos, Buellton, and Solvang. *Breeze Route 100* is a weekday bus service between the Santa Maria and Lompoc Transit Centers with the closest stops located on McCoy Lane east of Skyway Drive.

Santa Barbara County Association of Governments (SBCAG) manages the Clean Air Express bus service for commuters traveling between Northern Santa Barbara County and Goleta/Santa Barbara. The closest stop to the project is the Santa Maria Hagerman Softball Complex. Connections to other services are available at both the Santa Maria and Lompoc Transit Centers.

The City's Circulation Element supports the phased implementation of a light rail transportation system. The proposed corridor utilizes the Santa Maria Valley Railroad right-of-way both north and east of the project site.

2.3 VEHICLE MILES TRAVELED (VMT)

The City of Santa Maria's Environmental Procedures and Guidelines provides VMT and safety thresholds consistent with guidance from the State Office of Planning and Research (OPR). Non-residential projects may have a significant impact if the Average Home-Based-Work VMT per employee exceeds 85 percent of the regional average.

The Technical Memo for VMT Thresholds and Procedures in the City of Santa Maria divides the city into Traffic Analysis Zones (TAZs) and illustrates the mean VMT per employee for each TAZ. The project area is mapped showing that VMT per employee is less than or equal to 85 percent of the area-wide average. Therefore, the project has been prescreened and is not expected to have a significant impact on VMT.

2.4 COLLISIONS

Traffic collision data was obtained from the Statewide Integrated Traffic Records System (SWITRS). The following summarizes the collision history in the project vicinity between 2018 and 2022:

- A Street/Betteravia Road (#1): 15 collisions including three injury collisions were reported within 250' of the intersection. Six collisions occurred due to unsafe speeds, four due to traffic signals and signs, three due to improper turning or passing, and two due to other or not stated reasons. There is a pattern of eastbound rear end collisions. Modified signal timing inputs are recommended as detailed in the local transportation analysis.
- A Street/McCoy Lane (#2): No collisions were reported.
- Skyway Drive/Fairway Drive (#3): Eight collisions including two injury collisions were reported within 250' of the intersection. Three collisions occurred due to unsafe speeds, two collisions occurred due to improper turning, two due to driving under the influence, and one due to traffic signals and signs. No collision patterns were observed.
- A Street/Fairway Drive: Three non-injury collisions were reported within 250' of the intersection. All three collisions occurred due to unsafe speeds resulting in hitting an object. Additional delineation through the knuckle is recommended as detailed in the local transportation analysis.

No additional collisions were reported on A Street south of Betteravia Road. Four additional collisions were reported Fairway Drive between A Street and Skyway Drive due to right of way violations and improper passing; however, no collision patterns were observed. No fatal, severe injury, bicycle, or pedestrian collisions were reported in the project vicinity.

2.5 RTP CONSISTENCY

SBCAG's 2021 Regional Transportation Plan (RTP) serves as the blueprint for regional development patterns. It includes visions, goals, and policies relevant to the proposed project. The five goals include the following:

- Environment: Foster patterns of growth, development and transportation that protect natural resources and lead to a healthy environment.
- Mobility & System Reliability: Ensure the reliability of travel by all modes.
- Equity: Ensure that the transportation and housing needs of all socio-economic groups are adequately served.
- Health & Safety: Improve public health and ensure the safety of the regional transportation system.

- A Prosperous Economy: Achieve economically efficient transportation patterns and promote regional prosperity and economic growth.

The project is consistent with the plan by providing local jobs.

3.0 Local Transportation Analysis

The following sections summarize the deficiency thresholds, existing traffic volumes, existing plus project conditions, site access and circulation, and cumulative conditions relevant to City transportation policy.

3.1 DEFICIENCY THRESHOLDS

While level of service (LOS) is not an allowable CEQA metric it remains in planning documents. The level of service thresholds for intersections based on the 6th Edition Highway Capacity Manual (HCM) are presented in **Table 1**.

Table 1: Intersection LOS Thresholds

Intersection Level of Service Thresholds			
Signalized Intersections ¹		Stop Controlled Intersections ²	
Control Delay (sec/vehicle)	Level of Service	Control Delay (sec/vehicle)	Level of Service
≤ 10	A	≤ 10	A
> 10 - 20	B	> 10 - 15	B
> 20 - 35	C	> 15 - 25	C
> 35 - 55	D	> 25 - 35	D
> 55 - 80	E	> 35 - 50	E
> 80	F	> 50 or v/c > 1	F
1. Source: Exhibit 19-8 of the Highway Capacity Manual 6 th Edition.			
2. Source: Exhibits 20-2 and 21-8 of the Highway Capacity Manual 6 th Edition.			

The City of Santa Maria considers LOS D acceptable for roadway and intersection operations. The intersection LOS was calculated using the PTV Vistro 2023 software package applying the Highway Capacity Manual (HCM) 6th Edition methodology.

3.2 EXISTING TRAFFIC VOLUMES

Intersection turning movement counts were collected at the study intersections in May 2023 during the weekday AM and PM peak hours when local schools were in session. The existing intersection volumes and lane configurations are shown in **Figure 2**. The traffic count data sheets are included as **Appendix A**.

3.3 EXISTING PLUS PROJECT CONDITIONS

This section evaluates the effects of the proposed project on the surrounding transportation network. The amount of project traffic affecting the study locations is estimated in three steps: trip generation, trip distribution, and trip assignment. Trip generation refers to the total number of trips generated by the site. Trip distribution identifies the general origins and destination of these trips, and trip assignment specifies the routes taken to reach these origins and destinations.

Map of the project site location in the Skyway Dr area. The map shows a grid of roads including Betteravia Rd, Skyway Dr, McCoy Ln, Fairway Dr, and A St. A dashed rectangle indicates the project site, with an arrow pointing to it from a box labeled "PROJECT SITE". A north arrow and "Not to Scale" text are also present.

The diagrams illustrate three types of intersections:

- #1: A St/Betteravia Rd**: A signalized intersection with a traffic light and four approach lanes (two on each side).
- #2: A St/McCoy Ln**: A stop sign intersection with two approach lanes on each side and stop signs for all four directions.
- #3: Skyway Dr/Fairway Dr**: A signalized intersection with a traffic light and four approach lanes (two on each side).

The diagrams show three roundabouts with traffic flow indicated by arrows and vehicle counts at each approach.
#1: A St/Betteravia Rd
 - Top approach: 145 vehicles, 97 vehicles, 20 vehicles.
 - Right approach: 12 vehicles, 255 vehicles, 51 vehicles.
 - Bottom approach: 82 vehicles, 32 vehicles, 31 vehicles.
 - Left approach: 102 vehicles, 377 vehicles, 116 vehicles.
#2: A St/McCoy Ln
 - Top approach: 12 vehicles, 152 vehicles, 59 vehicles.
 - Right approach: 68 vehicles, 9 vehicles, 21 vehicles.
 - Bottom approach: 6 vehicles, 73 vehicles, 9 vehicles.
 - Left approach: 3 vehicles, 20 vehicles.
#3: Skyway Dr/Fairway Dr
 - Top approach: 182 vehicles, 536 vehicles, 69 vehicles.
 - Right approach: 34 vehicles, 5 vehicles, 1 vehicle.
 - Bottom approach: 13 vehicles, 51 vehicles, 152 vehicles.
 - Left approach: 94 vehicles, 12 vehicles, 122 vehicles.

#1: A St/Betteravia Rd

#2: A St/McCoy Ln

#3: Skyway Dr/Fairway Dr

3.3.1 Project Trips

The Institute of Transportation Engineers (ITE) Trip Generation Manual 11th Edition was used to estimate the project trip generation for the potential on-site uses as shown in **Table 2**.

Table 2: Project Trip Generation

Trip Generation									
Land Use	Size	Weekday		AM Peak Hour			PM Peak Hour		
		Daily	In	Out	Total	In	Out	Total	
Light Industrial ¹	100	KSF	426	63	9	72	6	34	40
Industrial Park ²	100	KSF	337	28	6	34	7	27	34
Manufacturing ³	100	KSF	579	54	17	71	22	48	70
Maximum Vehicle Trips			579	54	17	71	22	48	70
KSF = Thousand Square Feet; ITE = Institute of Transportation Engineers.									
1. ITE Land Use Code #110, General Light Industrial. Fitted curve equations used.									
2. ITE Land Use Code #130, Industrial Park. Average rates used.									
3. ITE Land Use Code #140, Manufacturing. Fitted curve equations used.									

The manufacturing land use produces the highest number of trips, and is therefore used in the analysis to present the most conservative scenario. The proposed project is estimated to generate a maximum of 579 net new vehicle trips per weekday, including 71 AM peak hour trips and 70 PM peak hour trips with manufacturing uses. **Figure 3** summarizes the project trip distribution and assignment.

3.3.2 Existing Plus Project Intersection Operations

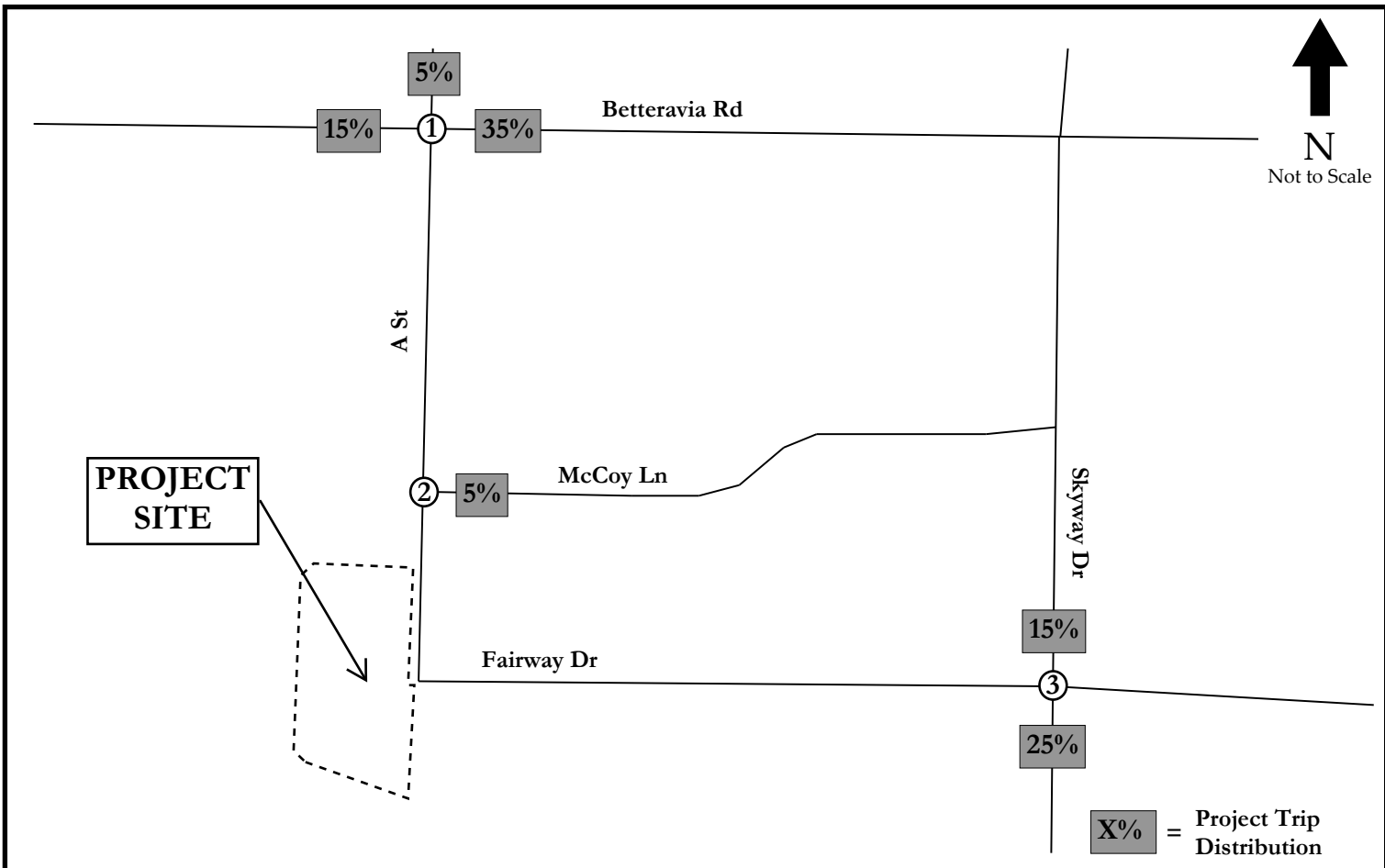
Table 3 presents the LOS for the study intersections under Existing and Existing Plus Project Conditions and **Table 4** summarizes the key queues. The Existing Plus Project volumes are shown on **Figure 4** with detailed calculation sheets are included in **Appendix B**.

Table 3: Existing and Existing Plus Project Intersection Levels of Service

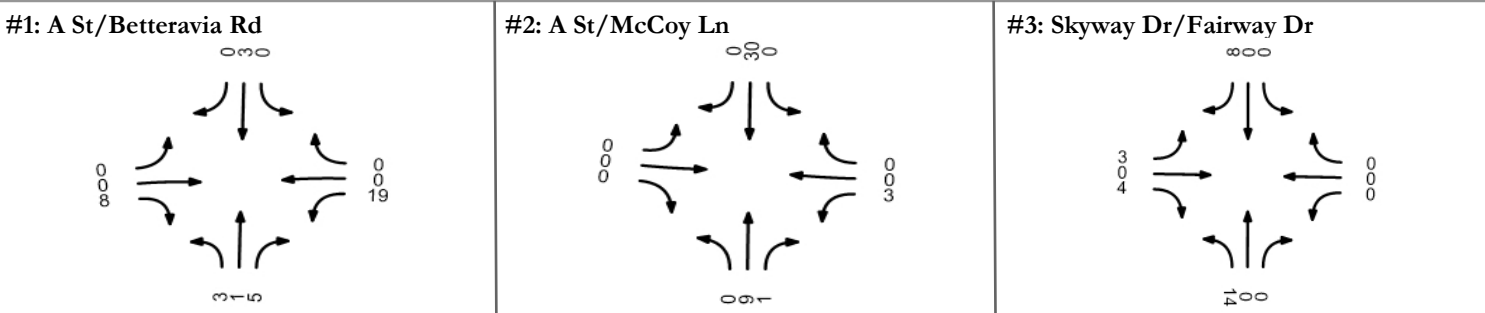
Existing and Existing Plus Project Intersection Levels of Service					
Intersection	Peak Hour	Existing Delay ¹	Existing LOS	Existing + Project Delay ¹	Existing + Project LOS
1. A St/Betteravia Rd	AM	26.1	C	26.7	C
	PM	30.3	C	31.2	C
2. A St/McCoy Ln	AM	3.7 (11.6)	B	3.5 (12.0)	B
	PM	4.4 (11.5)	B	4.1 (11.9)	B
3. Skyway Dr/Fairway Dr	AM	18.9	B	19.5	B
	PM	22.9	C	23.1	C
1. HCM 6th average control delay in seconds per vehicle. For side-street-stop controlled intersections the worst approach's delay is reported in parentheses next to the overall intersection delay.					

All the study intersections operate at LOS C or above under existing conditions with or without the project.

Figure 3: Project Trip Distribution and Assignment



Project AM Peak Hour Site Trips



Project PM Peak Hour Site Trips

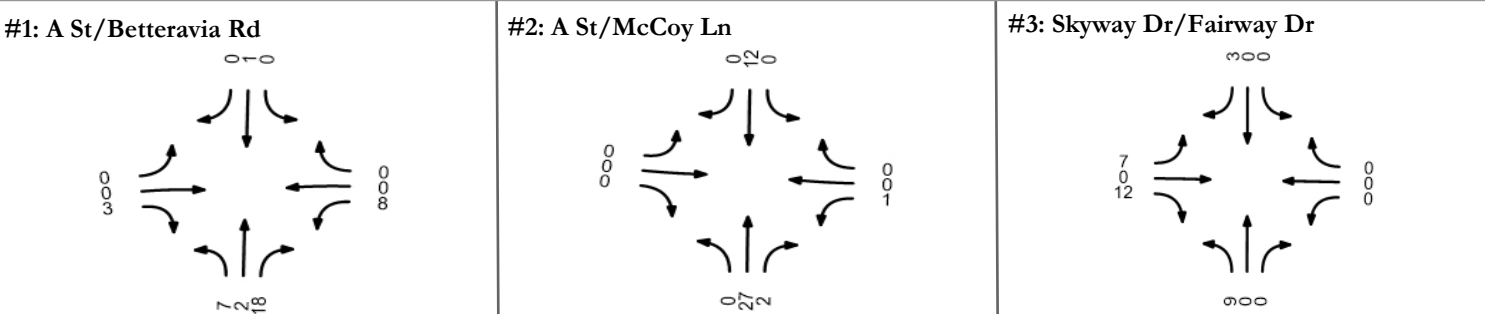
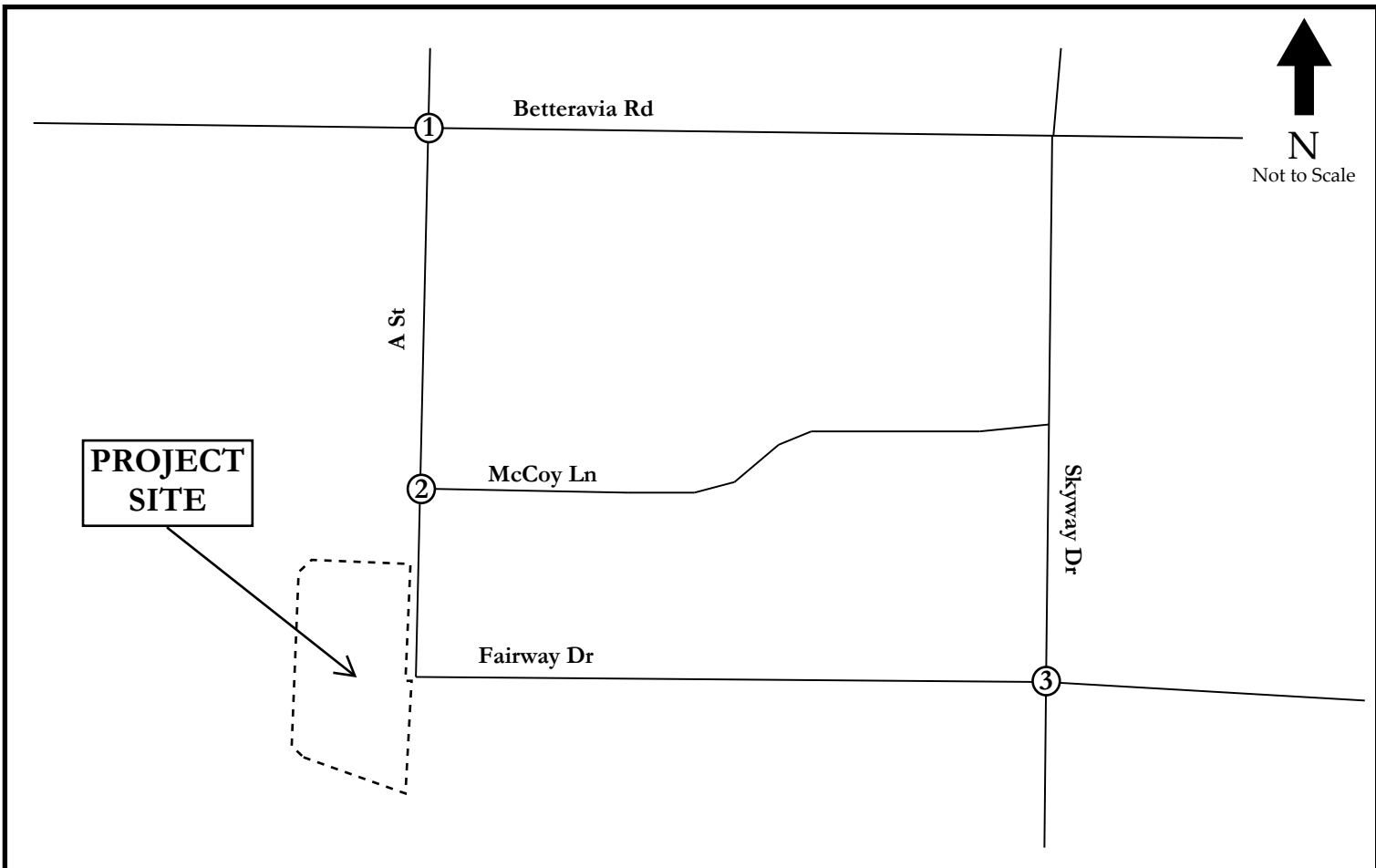
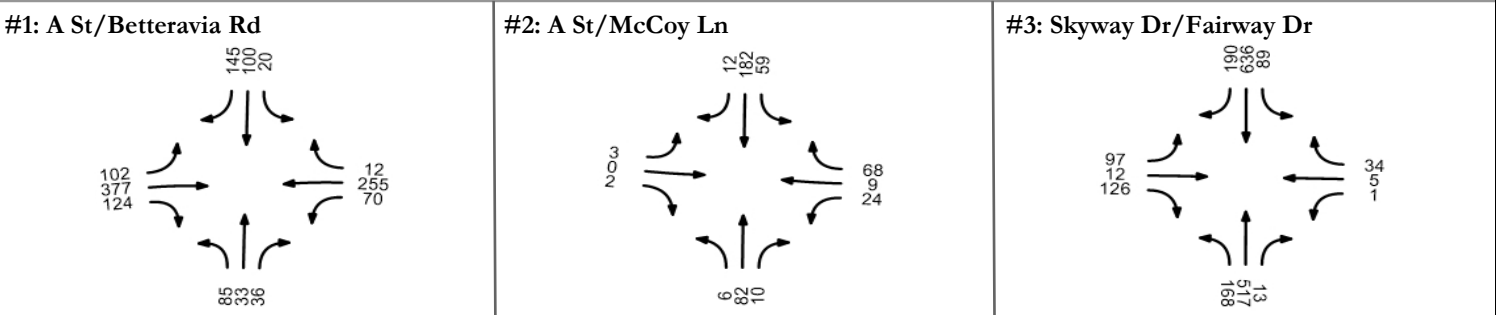


Figure 4: Existing Plus Project Volumes



Existing Plus Project AM Peak Hour Trips



Existing Plus Project PM Peak Hour Trips

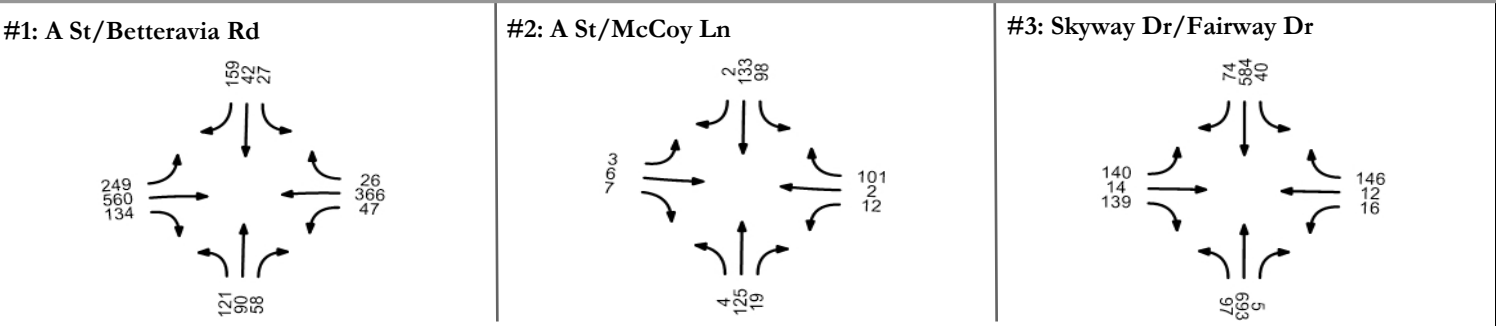


Table 4: Existing and Existing Plus Project Intersection Queues

Existing and Existing Plus Project Intersection Queues					
Intersection	Movement	Storage Length (ft)	Peak Hour	95th percentile Queue (ft) ¹	
				Existing (EX)	EX + Project
1. A St/Betteravia Rd	EBL	150	AM	75	78
			PM	205	213
	WBL	250	AM	37	53
			PM	33	42
	SBL	100	AM	15	16
			PM	24	25
3. Skyway Dr/Fairway Dr	EBL	100	AM	58	62
			PM	95	102
	WBL	100	AM	1	1
			PM	10	10
	NBL	140	AM	92	103
			PM	68	74
	SBL	150	AM	52	54
			PM	30	31
1. Queue length in feet that would not be exceeded 95 percent of the time. # indicates that the 95th percentile volume exceeds capacity and the queue may be longer. Bold indicates queue length longer than storage length.					

The following queue lengths exceed storage:

- A Street/Betteravia Road (#1): The eastbound left turn lane exceeds the storage length in the PM peak hour with and without the addition of project volumes; however, the project increases the queue by less than one vehicle, an insignificant amount.
- Skyway Drive/Fairway Drive (#3): The eastbound left turn lane queue exceeds the storage length in the PM peak hour with the addition of project volumes; however, there is additional storage in the bay taper to accommodate the queue.

Queuing was also observed on Betteravia Road eastbound west of A Street during the PM peak hour; however, the project would increase the queue by less than one vehicle, an insignificant amount.

We recommend the City update the following traffic signal timing inputs for consistency with the California Manual on Uniform Traffic Control Devices (CAMUTCD) and the National Cooperative Highway Research Program (NCHRP) recommendations:

- Minimum Green Time:
 - Left turn phases: 7.0 seconds.
 - Fairway Drive and A Street through phases: 8.0 seconds.
 - Skyway Drive through phases: 10.0 seconds. Note that Betteravia Road currently has 10.0 seconds of minimum green time.
- Yellow Clearance Interval:
 - Fairway Drive and A Street approaches: 4.1 seconds for left turn and 4.4 seconds for through phases.
 - Betteravia Road approaches: 4.4 seconds for left turn and 4.8 seconds for through phases.
 - Skyway Drive approaches: 4.1 seconds for left turn and 4.4 seconds for through phases.
- Red Clearance Interval:

- Left turn phases: 2.0 seconds.
- A Street through phases: 1.5 seconds.
- All other phases: Existing 1.0 seconds recommended.
- Pedestrian Clearance Interval (Flashing Don't Walk):
 - Betteravia Road/A Street (#1) northbound A Street approach: Increase to 29.0 seconds.
 - Fairway Drive/Skyway Drive (#3) eastbound and westbound Fairway Drive approaches: Increases to 26.0 seconds.
 - Fairway Drive/Skyway Drive (#3) northbound Skyway Drive approach: Increase to 19.0 seconds.

We also recommend that crosswalks be striped on Skyway Drive at the Fairway Drive/Skyway Drive (#3) intersection. Additional signal timing modifications including max limits or coordination could also be considered but were not included in the analysis.

3.4 SITE ACCESS AND ON-SITE CIRCULATION

The site plan is preliminary at this time and no access or frontage improvements are shown. We recommend that the project construct curb, gutter, and sidewalk on project frontage extending to existing sidewalks on A Street and Fairway Drive. There are currently utilities conflicting with the frontage improvements; however, they will be undergrounded as part of the project as required by the City.

We also recommend a Class II bike lane be striped on Fairway Drive connecting to the existing bike lanes on A Street and Skyway Drive. We recommend the bike lane be striped through the A Street/Fairway Drive knuckle and parking be restricted within the knuckle. We also recommend that the project provide convenient pedestrian and bicycle access between the land uses on the project site and the frontage improvements.

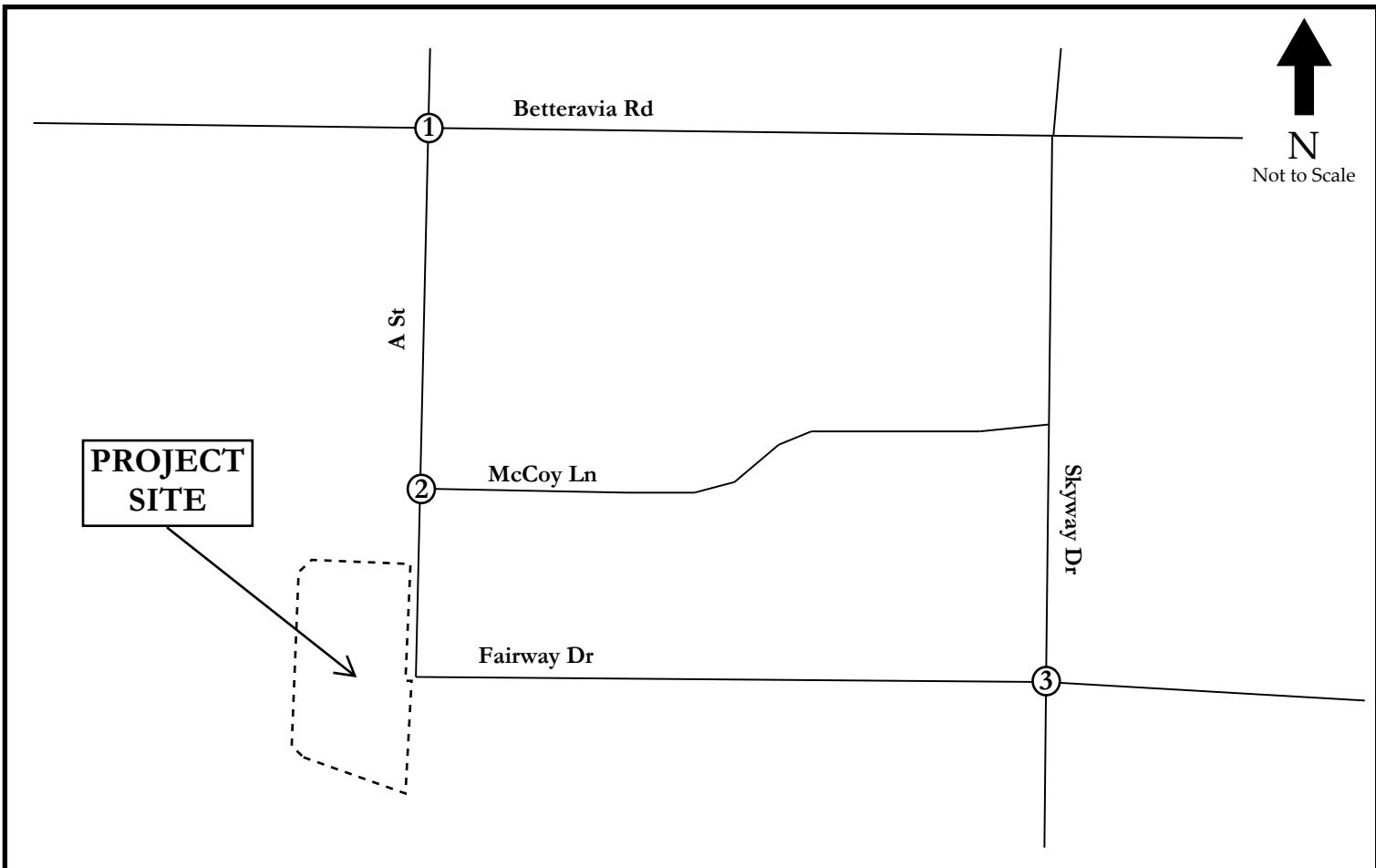
We concur with the City that the primary project access should be located on A Street approximately 300 feet north of Fairway Drive across from the existing driveway. We also recommend that a secondary project access restricted to right-in, right-out be considered on A Street within the knuckle. The additional driveway would provide secondary access for emergency services. If the alternative site on the southern end of the parcel is developed, the access would be located at the south leg of A Street/Fairway Drive.

The Mahoney Ranch North Specific Plan located west of this project site is proposed to include both residential and commercial uses. The project proposes extending Fairway Drive and McCoy Lane west of A Street. The development timeline is currently unknown. We recommend the project dedicate right of way and construct improvements consistent with future development.

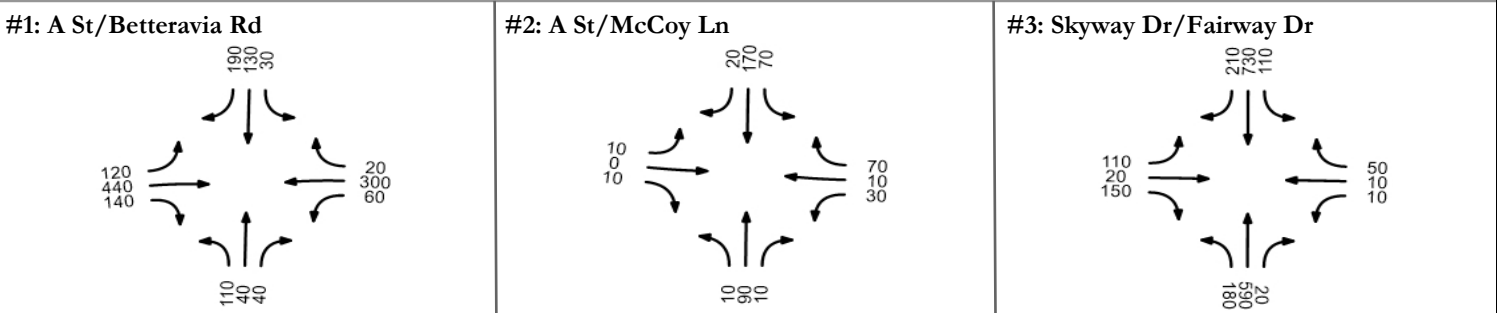
3.5 CUMULATIVE CONDITIONS

This Cumulative Conditions represents future traffic conditions including buildout of regional and local land uses. Cumulative traffic volume forecasts were developed using outputs from SBCAG's Travel Demand Model (TDM). No improvements were assumed at the study intersections under Cumulative Conditions. Under Cumulative Conditions a PHF of 0.92 was used for the analysis. However, if the existing PHF exceeded this value the higher PHF was used. Cumulative volumes are shown on **Figure 5** and Cumulative Plus Project volumes are shown on **Figure 6**.

Figure 5: Cumulative Volumes



Cumulative AM Peak Hour Trips



Cumulative PM Peak Hour Trips

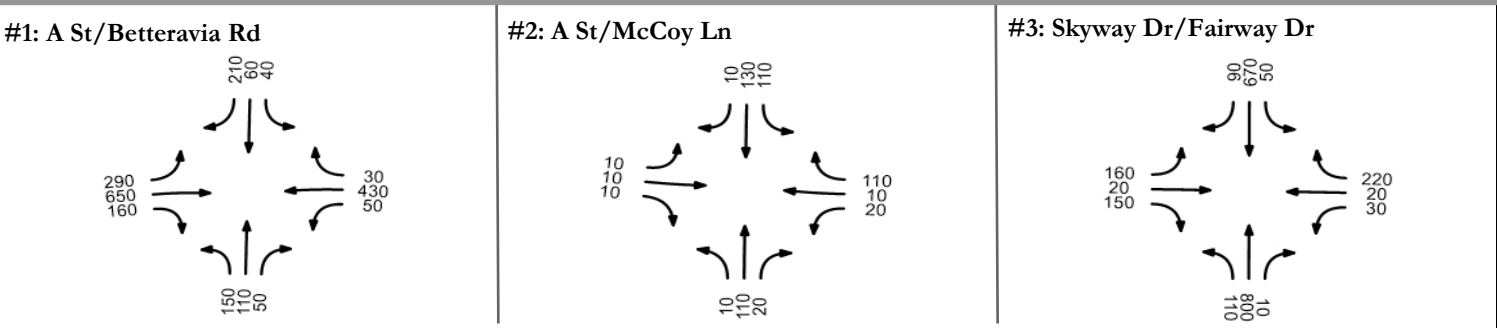
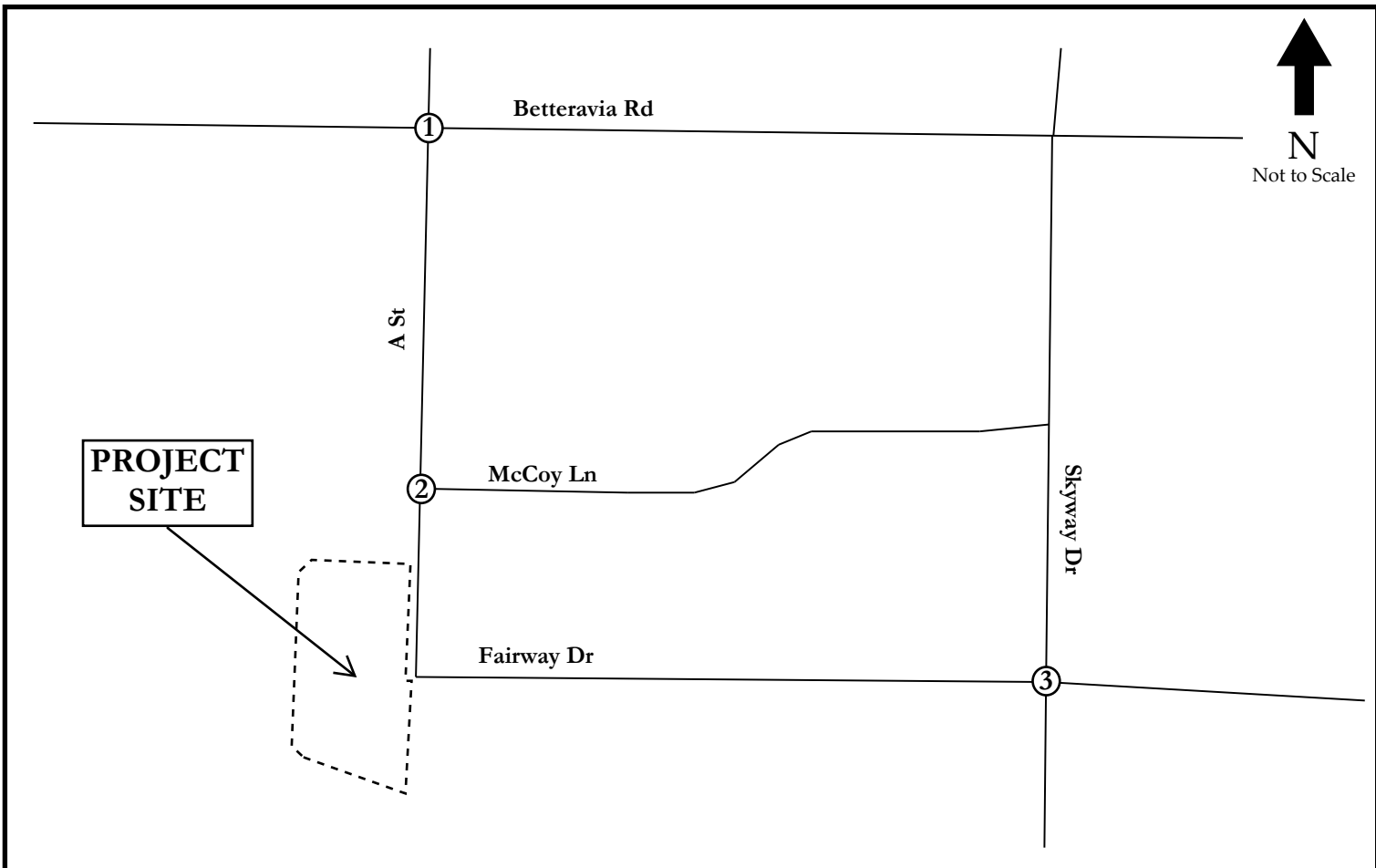
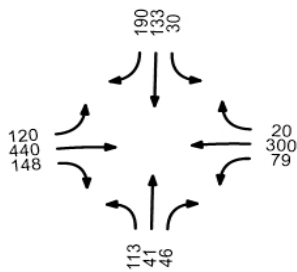


Figure 6: Cumulative Plus Project Volumes

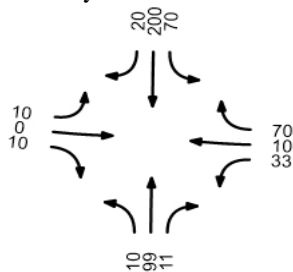


Cumulative Plus Project AM Peak Hour Trips

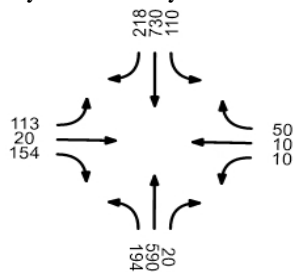
#1: A St/Betteravia Rd



#2: A St/McCoy Ln

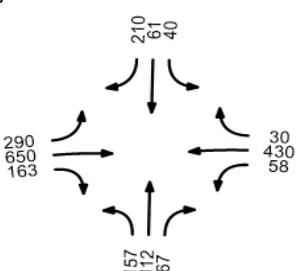


#3: Skyway Dr/Fairway Dr

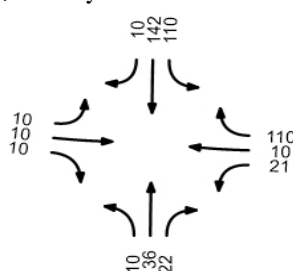


Cumulative Plus Project PM Peak Hour Trips

#1: A St/Betteravia Rd



#2: A St/McCoy Ln



#3: Skyway Dr/Fairway Dr

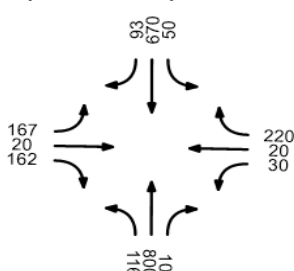


Table 5 summarizes the vehicular LOS for the study intersections under Cumulative and Cumulative Plus Project Conditions, **Table 6** summarizes the key queues. Detailed calculation sheets are included in **Appendix B**.

Table 5: Cumulative and Cumulative Plus Project Intersection LOS

Cumulative and Cumulative Plus Project Intersection Levels of Service					
Intersection	Peak Hour	Cumulative Delay ¹	LOS	Cumulative + Project Delay ¹	LOS
1. A St/Betteravia Rd	AM	32.2	C	33.3	C
	PM	50.4	D	52.0	D
2. A St/McCoy Ln	AM	4.0 (11.4)	B	3.8 (11.7)	B
	PM	5.0 (13.2)	B	4.8 (13.7)	B
3. Skyway Dr/Fairway Dr	AM	21.2	C	21.9	C
	PM	25.2	C	25.8	C
1. HCM 6th average control delay in seconds per vehicle. For side-street-stop controlled intersections the worst approach's delay is reported in parentheses next to the overall intersection delay.					

All study intersections operate acceptably at LOS D or better under Cumulative Conditions with and without the project.

Table 6: Cumulative and Cumulative Plus Project Intersection Queues

Cumulative and Cumulative Plus Project Intersection Queues					
Intersection	Movement	Storage Length (ft)	Peak Hour	95th percentile Queue (ft) ¹	
				Cumulative (CM)	CM + Project
1. A St/Betteravia Rd	EBL	150	AM	115	119
			PM	431	446
	WBL	250	AM	57	79
			PM	65	78
	SBL	100	AM	30	31
			PM	53	54
3. Skyway Dr/Fairway Dr	EBL	100	AM	78	83
			PM	125	135
	WBL	100	AM	7	8
			PM	19	19
	NBL	140	AM	122	136
			PM	88	95
	SBL	150	AM	76	80
			PM	38	40
1. Queue length in feet that would not be exceeded 95 percent of the time. # indicates that the 95th percentile volume exceeds capacity and the queue may be longer. Bold indicates queue length longer than storage length.					

The eastbound left turn queue lengths at A Street/Betteravia Road (#1) and Skyway Drive/Fairway Drive (#3) would continue to exceed storage with and without the addition of project volumes; however, the project increases the queue by less than one vehicle, an insignificant amount.

4.0 References

- American Association of State Highway and Transportation Officials (AASHTO). 2018. A Policy on Geometric Design.
- California Department of Transportation. May 2020. Vehicle Miles Traveled-Focused Transportation Impact Study Guide.
- _____. 2020. Highway Design Manual.
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- Transportation Research Board. 2016. Highway Capacity Manual, 6th Edition.

Appendix A: Traffic Counts



Metro Traffic Data Inc.
310 N. Irwin Street - Suite 20
Hanford, CA 93230
800-975-6938 Phone/Fax
www.metrotrafficdata.com

Turning Movement Report

Prepared For:

Central Coast Transportation Consulting
895 Napa Avenue, Suite A-6
Morro Bay, CA 93442

LOCATION Betteravia Rd @ A St

LATITUDE 34.9208

COUNTY Santa Barbara

LONGITUDE -120.4641

COLLECTION DATE Tuesday, May 30, 2023

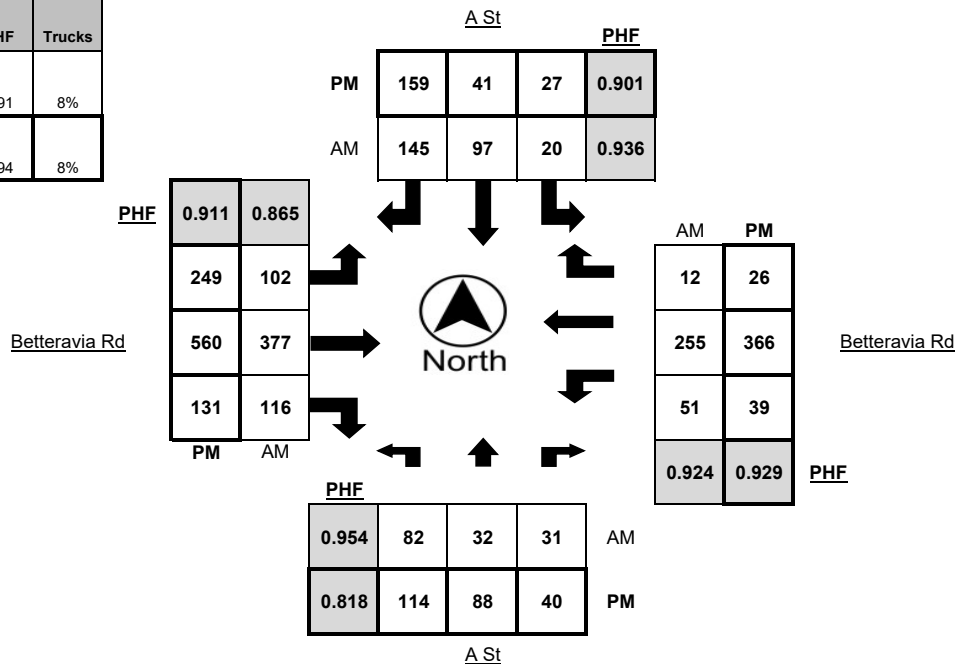
WEATHER Clear

Time	Northbound				Southbound				Eastbound				Westbound			
	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks
7:00 AM - 7:15 AM	20	7	4	7	2	14	29	3	10	50	24	13	14	62	3	5
7:15 AM - 7:30 AM	24	4	4	10	6	21	27	2	20	73	13	9	6	61	3	14
7:30 AM - 7:45 AM	11	5	3	2	3	21	30	1	21	88	37	13	10	48	2	7
7:45 AM - 8:00 AM	23	6	7	4	11	36	23	1	25	112	35	12	19	65	2	7
8:00 AM - 8:15 AM	19	11	8	1	3	27	40	4	27	100	37	14	14	51	2	6
8:15 AM - 8:30 AM	22	7	5	6	4	21	37	5	22	69	23	10	14	67	2	9
8:30 AM - 8:45 AM	18	8	11	6	2	13	45	2	28	96	21	14	4	72	6	9
8:45 AM - 9:00 AM	16	6	4	5	2	20	16	2	25	109	15	20	7	64	6	11
TOTAL	153	54	46	41	33	173	247	20	178	697	205	105	88	490	26	68

Time	Northbound				Southbound				Eastbound				Westbound			
	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks
2:00 PM - 2:15 PM	16	11	4	2	5	8	21	4	36	99	17	16	4	71	3	9
2:15 PM - 2:30 PM	15	7	8	6	8	18	37	7	46	116	33	9	9	85	6	12
2:30 PM - 2:45 PM	21	27	12	6	4	10	25	7	55	114	23	10	9	83	6	13
2:45 PM - 3:00 PM	31	19	11	6	10	13	34	6	48	128	17	9	13	70	7	4
3:00 PM - 3:15 PM	25	25	14	4	7	11	36	4	59	154	18	10	6	90	5	10
3:15 PM - 3:30 PM	17	23	8	4	8	7	48	13	53	138	34	12	13	92	5	12
3:30 PM - 3:45 PM	31	25	10	5	9	9	32	3	77	145	36	14	8	104	4	14
3:45 PM - 4:00 PM	27	19	8	4	4	10	40	5	61	140	31	10	10	80	6	15
4:00 PM - 4:15 PM	39	21	14	5	6	15	39	6	58	137	30	11	8	90	11	12
4:15 PM - 4:30 PM	33	22	10	2	5	13	27	6	54	130	36	12	11	95	3	16
4:30 PM - 4:45 PM	32	29	10	2	4	15	29	6	34	104	28	12	8	97	3	10
4:45 PM - 5:00 PM	32	7	4	3	7	8	37	6	35	100	25	13	1	100	6	8
5:00 PM - 5:15 PM	35	31	8	1	6	7	32	3	52	84	18	7	6	93	7	7
5:15 PM - 5:30 PM	20	13	7	0	4	5	25	3	38	105	14	6	5	84	10	6
5:30 PM - 5:45 PM	11	18	4	1	7	7	32	3	33	73	15	7	5	78	5	8
5:45 PM - 6:00 PM	20	8	5	3	5	10	29	1	34	70	10	8	3	78	7	2
TOTAL	405	305	137	54	99	166	523	83	773	1837	385	166	119	1390	94	158

PEAK HOUR	Northbound				Southbound				Eastbound				Westbound			
	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks
7:45 AM - 8:45 AM	82	32	31	17	20	97	145	12	102	377	116	50	51	255	12	31
3:15 PM - 4:15 PM	114	88	40	18	27	41	159	27	249	560	131	47	39	366	26	53

	PHF	Trucks
AM	0.91	8%
PM	0.94	8%





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LATITUDE 34.9208

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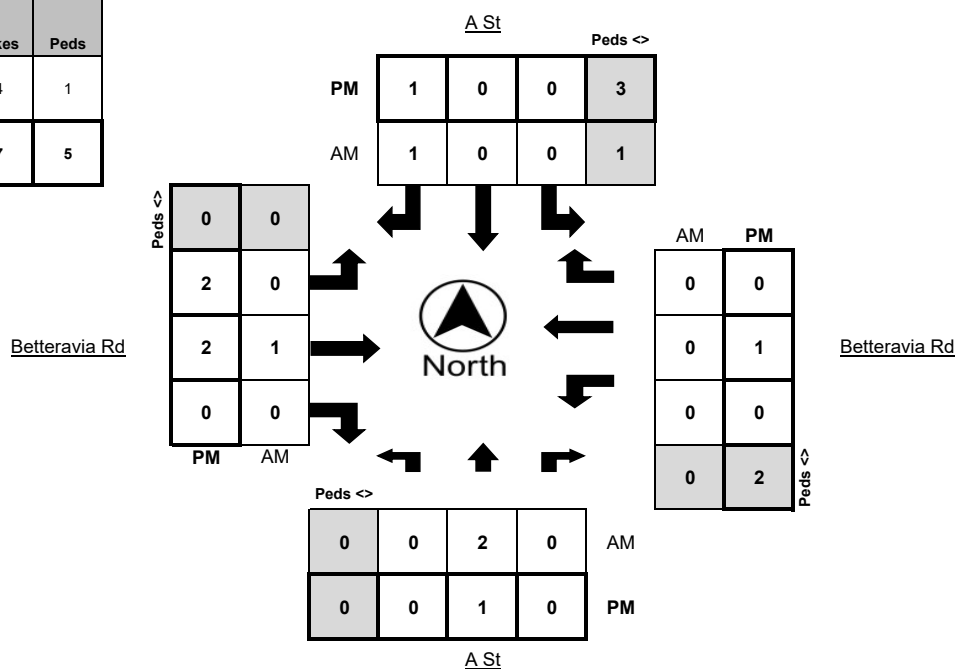
WEATHER Clear

Time	Northbound Bikes			N.Leg Peds	Southbound Bikes			S.Leg Peds	Eastbound Bikes			E.Leg Peds	Westbound Bikes			W.Leg Peds
	Left	Thru	Right		Left	Thru	Right		Left	Thru	Right		Left	Thru	Right	
7:00 AM - 7:15 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
7:15 AM - 7:30 AM	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0
7:30 AM - 7:45 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
7:45 AM - 8:00 AM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
8:00 AM - 8:15 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
8:15 AM - 8:30 AM	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM - 8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM - 9:00 AM	0	0	1	0	0	0	0	0	0	0	1	1	0	1	0	0
TOTAL	0	2	1	2	0	3	1	0	0	1	1	2	0	1	0	0

Time	Northbound Bikes			N.Leg Peds	Southbound Bikes			S.Leg Peds	Eastbound Bikes			E.Leg Peds	Westbound Bikes			W.Leg Peds
	Left	Thru	Right		Left	Thru	Right		Left	Thru	Right		Left	Thru	Right	
2:00 PM - 2:15 PM	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
2:15 PM - 2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
2:30 PM - 2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
2:45 PM - 3:00 PM	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
3:00 PM - 3:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3:15 PM - 3:30 PM	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
3:30 PM - 3:45 PM	0	0	0	3	0	0	1	0	0	0	0	1	0	0	0	0
3:45 PM - 4:00 PM	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0
4:00 PM - 4:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
4:15 PM - 4:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
4:30 PM - 4:45 PM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
4:45 PM - 5:00 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
5:00 PM - 5:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
5:15 PM - 5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM - 5:45 PM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0
5:45 PM - 6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	1	0	3	0	0	3	2	4	4	1	3	0	4	2	0

PEAK HOUR	Northbound Bikes			N.Leg Peds	Southbound Bikes			S.Leg Peds	Eastbound Bikes			E.Leg Peds	Westbound Bikes			W.Leg Peds
	Left	Thru	Right		Left	Thru	Right		Left	Thru	Right		Left	Thru	Right	
7:45 AM - 8:45 AM	0	2	0	1	0	0	1	0	0	1	0	0	0	0	0	0
3:15 PM - 4:15 PM	0	1	0	3	0	0	1	0	2	2	0	2	0	1	0	0

	Bikes	Peds
AM Peak Total	4	1
PM Peak Total	7	5





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LOCATION A St @ McCoy Ln

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COUNTY Santa Barbara

LONGITUDE -120.4642

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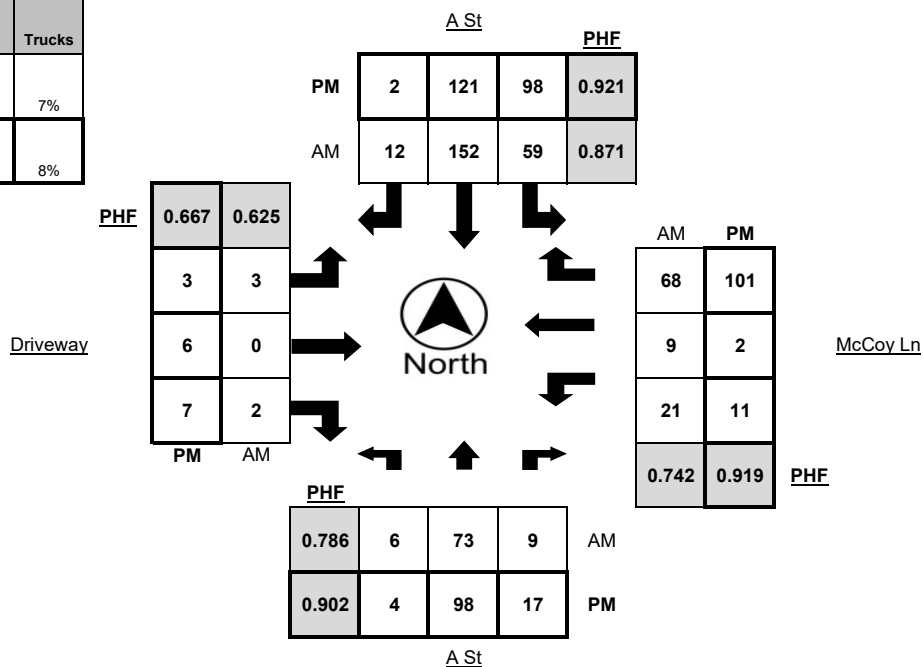
WEATHER Clear

Time	Northbound				Southbound				Eastbound				Westbound			
	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks
7:00 AM - 7:15 AM	1	22	3	4	15	22	1	1	0	1	0	1	1	1	21	2
7:15 AM - 7:30 AM	0	24	2	6	4	26	2	0	0	0	1	0	5	2	11	1
7:30 AM - 7:45 AM	1	17	0	1	15	36	2	3	0	0	0	0	3	0	9	1
7:45 AM - 8:00 AM	2	22	2	2	18	46	0	2	2	0	0	1	8	3	19	2
8:00 AM - 8:15 AM	3	21	4	1	14	41	4	1	0	0	2	1	6	1	16	2
8:15 AM - 8:30 AM	0	13	3	2	12	29	6	3	1	0	0	1	4	5	24	4
8:30 AM - 8:45 AM	4	16	3	3	8	19	3	2	0	0	1	0	2	0	11	2
8:45 AM - 9:00 AM	3	18	9	2	10	20	7	2	3	0	1	2	4	2	11	4
TOTAL	14	153	26	21	96	239	25	14	6	1	5	6	33	14	122	18

Time	Northbound				Southbound				Eastbound				Westbound			
	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks
2:00 PM - 2:15 PM	1	11	1	0	9	16	3	4	0	1	1	1	1	1	16	1
2:15 PM - 2:30 PM	3	13	2	1	23	24	2	6	2	0	5	3	3	0	11	6
2:30 PM - 2:45 PM	1	19	4	4	13	17	0	3	12	4	4	6	3	0	30	3
2:45 PM - 3:00 PM	0	13	2	2	17	15	1	2	11	3	6	1	2	0	23	4
3:00 PM - 3:15 PM	0	22	3	4	16	13	0	1	5	1	1	0	3	0	19	1
3:15 PM - 3:30 PM	1	10	3	2	24	21	1	2	2	1	0	0	3	0	23	5
3:30 PM - 3:45 PM	1	21	5	2	23	21	0	2	1	0	1	0	2	0	28	3
3:45 PM - 4:00 PM	1	23	0	1	19	29	0	7	2	1	0	0	0	0	24	3
4:00 PM - 4:15 PM	0	31	2	5	25	27	2	3	1	0	2	1	2	0	26	2
4:15 PM - 4:30 PM	2	20	7	2	29	30	0	4	0	3	3	0	3	1	27	1
4:30 PM - 4:45 PM	1	24	8	2	25	35	0	4	0	2	2	0	6	1	24	2
4:45 PM - 5:00 PM	0	5	1	0	17	30	0	7	0	0	0	0	3	1	27	1
5:00 PM - 5:15 PM	0	34	1	0	9	25	0	3	1	1	0	0	2	0	28	2
5:15 PM - 5:30 PM	0	14	2	0	7	14	0	0	0	0	0	0	2	0	21	2
5:30 PM - 5:45 PM	0	4	1	0	13	16	0	1	0	0	1	0	1	0	18	2
5:45 PM - 6:00 PM	0	14	0	1	5	12	0	2	2	2	0	0	1	0	15	2
TOTAL	11	278	42	26	274	345	9	51	39	19	28	12	37	4	360	40

PEAK HOUR	Northbound				Southbound				Eastbound				Westbound			
	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks
7:30 AM - 8:30 AM	6	73	9	6	59	152	12	9	3	0	2	3	21	9	68	9
3:45 PM - 4:45 PM	4	98	17	10	98	121	2	18	3	6	7	1	11	2	101	8

	PHF	Trucks
AM	0.85	7%
PM	0.92	8%





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COUNTY Santa Barbara

LONGITUDE -120.4642

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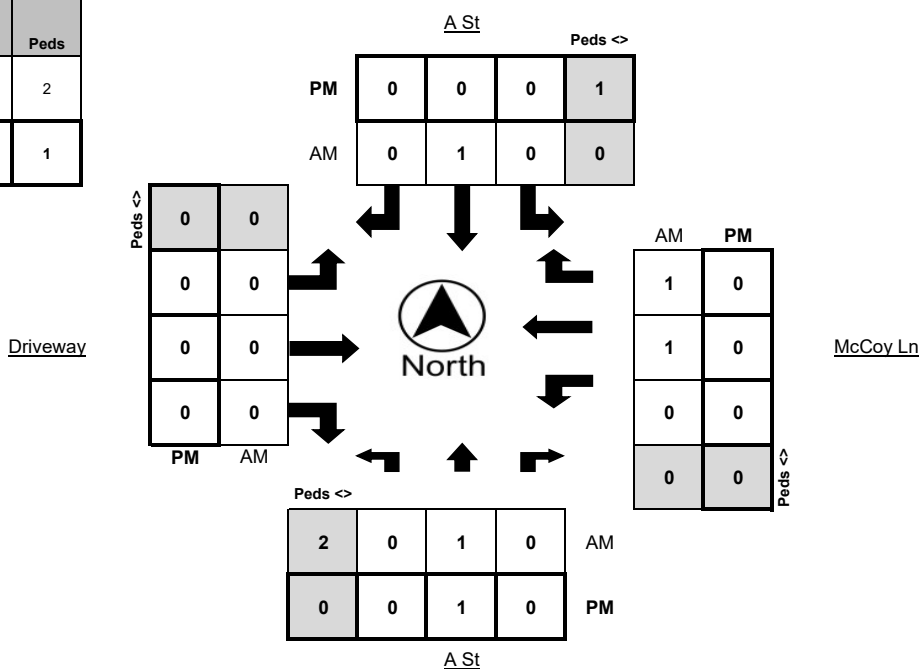
WEATHER Clear

Time	Northbound Bikes			N.Leg Peds	Southbound Bikes			S.Leg Peds	Eastbound Bikes			E.Leg Peds	Westbound Bikes			W.Leg Peds
	Left	Thru	Right		Left	Thru	Right		Left	Thru	Right		Left	Thru	Right	
7:00 AM - 7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM - 7:30 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
7:30 AM - 7:45 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0
7:45 AM - 8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM - 8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM - 8:30 AM	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0
8:30 AM - 8:45 AM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
8:45 AM - 9:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
TOTAL	0	1	0	0	0	2	0	4	0	0	0	0	0	1	1	1

Time	Northbound Bikes			N.Leg Peds	Southbound Bikes			S.Leg Peds	Eastbound Bikes			E.Leg Peds	Westbound Bikes			W.Leg Peds
	Left	Thru	Right		Left	Thru	Right		Left	Thru	Right		Left	Thru	Right	
2:00 PM - 2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 PM - 2:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2:30 PM - 2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 PM - 3:00 PM	0	0	0	0	0	1	0	1	0	1	0	1	0	0	0	0
3:00 PM - 3:15 PM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
3:15 PM - 3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 PM - 3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM - 4:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM - 4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM - 4:30 PM	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM - 4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM - 5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:00 PM - 5:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0
5:15 PM - 5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
5:30 PM - 5:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
5:45 PM - 6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	1	0	1	0	1	0	3	0	1	0	5	2	0	0	1

PEAK HOUR	Northbound Bikes			N.Leg Peds	Southbound Bikes			S.Leg Peds	Eastbound Bikes			E.Leg Peds	Westbound Bikes			W.Leg Peds
	Left	Thru	Right		Left	Thru	Right		Left	Thru	Right		Left	Thru	Right	
7:30 AM - 8:30 AM	0	1	0	0	0	1	0	2	0	0	0	0	0	1	1	0
3:45 PM - 4:45 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0

	Bikes	Peds
AM Peak Total	4	2
PM Peak Total	1	1





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LATITUDE 34.9135

COUNTY Santa Barbara

LONGITUDE -120.4541

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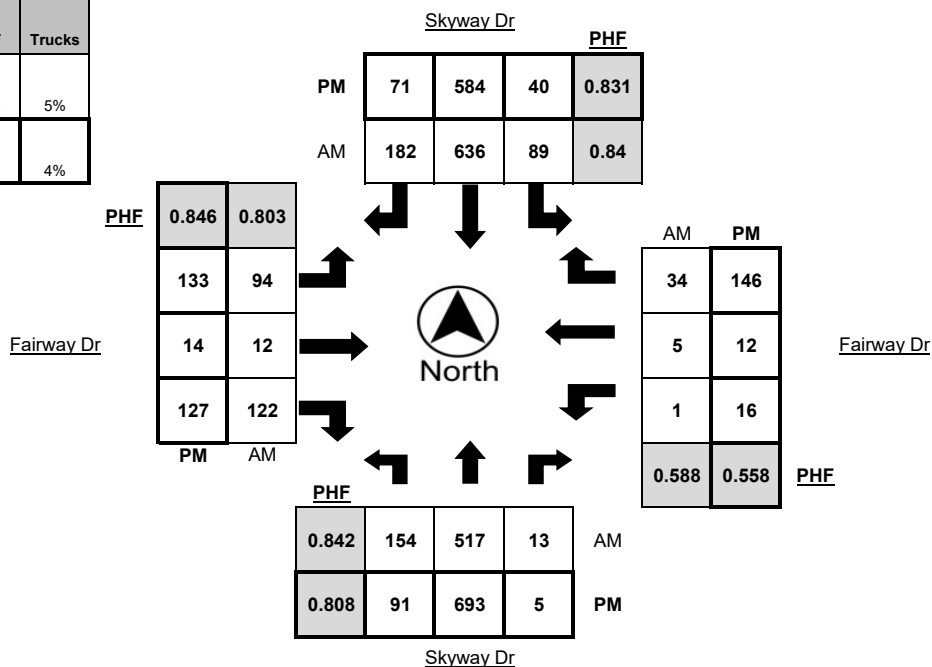
WEATHER Clear

Time	Northbound				Southbound				Eastbound				Westbound			
	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks
7:00 AM - 7:15 AM	33	111	3	3	23	85	31	7	10	1	20	2	1	5	12	12
7:15 AM - 7:30 AM	27	106	3	5	13	118	28	2	6	1	20	1	0	5	16	13
7:30 AM - 7:45 AM	39	127	0	6	20	154	26	3	12	6	18	7	1	0	6	2
7:45 AM - 8:00 AM	53	144	6	5	29	172	69	4	12	3	35	5	0	3	3	3
8:00 AM - 8:15 AM	40	137	4	1	24	150	50	4	30	0	41	4	0	0	17	4
8:15 AM - 8:30 AM	22	109	3	6	16	160	37	19	40	3	28	17	0	2	8	1
8:30 AM - 8:45 AM	29	117	4	11	13	99	25	11	30	3	28	19	0	2	10	2
8:45 AM - 9:00 AM	34	104	7	12	11	98	21	7	20	3	16	14	1	0	14	3
TOTAL	277	955	30	49	149	1036	287	57	160	20	206	69	3	17	86	40

Time	Northbound				Southbound				Eastbound				Westbound			
	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks
2:00 PM - 2:15 PM	18	95	2	4	10	97	11	7	20	2	21	7	3	2	22	8
2:15 PM - 2:30 PM	11	118	1	5	15	96	16	12	18	3	17	4	3	0	20	3
2:30 PM - 2:45 PM	22	123	1	7	16	103	17	9	53	2	21	3	3	0	20	5
2:45 PM - 3:00 PM	23	98	1	13	17	143	39	10	29	3	26	2	2	6	28	3
3:00 PM - 3:15 PM	19	159	1	8	10	138	12	3	49	3	16	8	2	3	24	3
3:15 PM - 3:30 PM	17	155	1	15	15	115	20	13	23	2	16	2	1	1	19	2
3:30 PM - 3:45 PM	25	186	2	13	12	183	14	11	47	3	27	0	3	3	72	2
3:45 PM - 4:00 PM	20	124	2	6	10	141	24	10	23	2	27	3	6	4	33	1
4:00 PM - 4:15 PM	24	220	0	9	7	146	14	6	38	3	40	3	4	2	20	1
4:15 PM - 4:30 PM	22	163	1	6	11	114	19	5	25	6	33	5	3	3	21	0
4:30 PM - 4:45 PM	13	146	0	3	13	155	20	10	81	4	37	5	1	4	29	1
4:45 PM - 5:00 PM	14	126	2	8	9	122	18	12	47	4	31	6	1	0	13	0
5:00 PM - 5:15 PM	13	132	1	4	9	175	13	8	80	2	47	5	14	5	41	0
5:15 PM - 5:30 PM	15	130	1	7	5	116	7	5	29	0	26	2	1	0	20	1
5:30 PM - 5:45 PM	6	96	1	3	6	88	12	6	23	1	20	2	4	2	11	0
5:45 PM - 6:00 PM	9	83	0	3	5	117	20	7	27	0	13	0	0	0	7	0
TOTAL	271	2154	17	114	170	2049	276	134	612	40	418	57	51	35	400	30

PEAK HOUR	Northbound				Southbound				Eastbound				Westbound			
	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks
7:30 AM - 8:30 AM	154	517	13	18	89	636	182	30	94	12	122	33	1	5	34	10
3:30 PM - 4:30 PM	91	693	5	34	40	584	71	32	133	14	127	11	16	12	146	4

	PHF	Trucks
AM	0.88	5%
PM	0.84	4%





Metro Traffic Data Inc.
310 N. Irwin Street - Suite 20
Hanford, CA 93230
800-975-6938 Phone/Fax
www.metrotrafficdata.com

Turning Movement Report

Prepared For:
Central Coast Transportation Consulting
895 Napa Avenue, Suite A-6
Morro Bay, CA 93442

LOCATION Fairway Dr @ Skyway Dr

LATITUDE 34.9135

COUNTY Santa Barbara

LONGITUDE -120.4541

COLLECTION DATE Tuesday, May 30, 2023

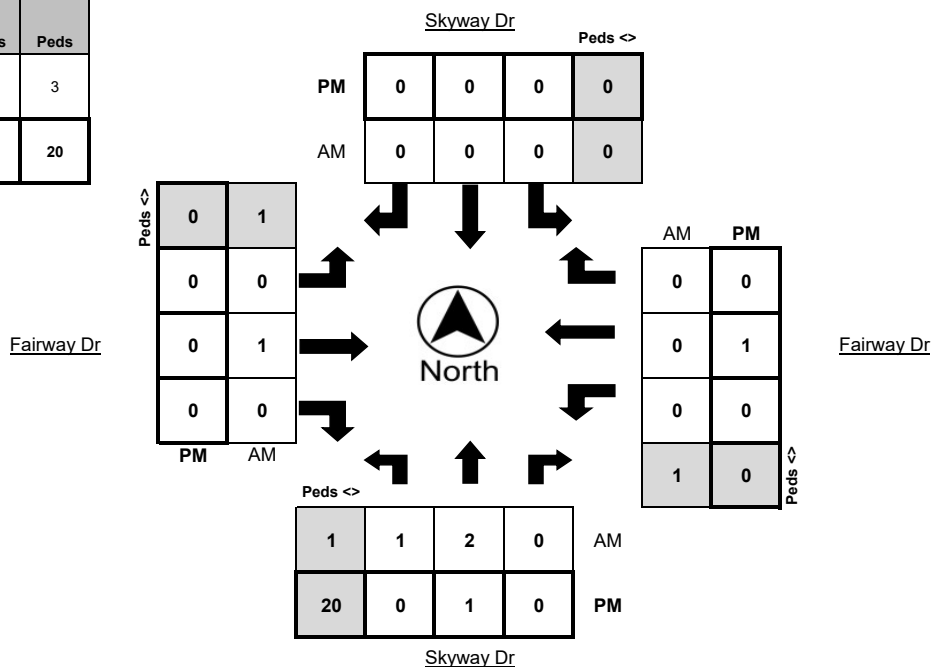
WEATHER Clear

Time	Northbound Bikes			N.Leg Peds	Southbound Bikes			S.Leg Peds	Eastbound Bikes			E.Leg Peds	Westbound Bikes			W.Leg Peds
	Left	Thru	Right		Left	Thru	Right		Left	Thru	Right		Left	Thru	Right	
7:00 AM - 7:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
7:15 AM - 7:30 AM	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
7:30 AM - 7:45 AM	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1
7:45 AM - 8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM - 8:15 AM	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
8:15 AM - 8:30 AM	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
8:30 AM - 8:45 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
8:45 AM - 9:00 AM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
TOTAL	1	3	0	0	0	1	1	2	0	1	0	2	0	0	1	1

Time	Northbound Bikes			N.Leg Peds	Southbound Bikes			S.Leg Peds	Eastbound Bikes			E.Leg Peds	Westbound Bikes			W.Leg Peds
	Left	Thru	Right		Left	Thru	Right		Left	Thru	Right		Left	Thru	Right	
2:00 PM - 2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 PM - 2:30 PM	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
2:30 PM - 2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 PM - 3:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
3:00 PM - 3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 PM - 3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 PM - 3:45 PM	0	0	0	0	0	0	0	6	0	0	0	0	0	1	0	0
3:45 PM - 4:00 PM	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0
4:00 PM - 4:15 PM	0	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0
4:15 PM - 4:30 PM	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
4:30 PM - 4:45 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
4:45 PM - 5:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM - 5:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
5:15 PM - 5:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
5:30 PM - 5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM - 6:00 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
TOTAL	0	2	0	0	0	3	0	22	0	0	1	2	0	1	0	0

PEAK HOUR	Northbound Bikes			N.Leg Peds	Southbound Bikes			S.Leg Peds	Eastbound Bikes			E.Leg Peds	Westbound Bikes			W.Leg Peds
	Left	Thru	Right		Left	Thru	Right		Left	Thru	Right		Left	Thru	Right	
7:30 AM - 8:30 AM	1	2	0	0	0	0	0	1	0	1	0	1	0	0	0	1
3:30 PM - 4:30 PM	0	1	0	0	0	0	0	20	0	0	0	0	0	1	0	0

	Bikes	Peds
AM Peak Total	4	3
PM Peak Total	2	20



Appendix B: Intersection Calculation Sheets

Santa Maria A Street Industrial

Vistro File: G:\...\2023_06_Base Scenario.vistro

Scenario 1 EX AM

Report File: G:\...\2023_08 EX AM (updated timings).pdf

8/10/2023

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Betteravia Road/A Street	Signalized	HCM 6th Edition	SB Left	0.484	26.1	C
2	A St/McCoy Ln	Two-way stop	HCM 6th Edition	WB Thru	0.023	13.1	B
3	Skyway Dr/Fairway Dr	Signalized	HCM 6th Edition	NB Left	0.464	18.9	B





V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report

Intersection 1: Betteravia Road/A Street

Control Type:	Signalized	Delay (sec / veh):	26.1
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.484

Intersection Setup

Name	A St			A St			Betteravia Rd			Betteravia Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	1	1	0	1
Entry Pocket Length [ft]	120.	100.	100.	105.	100.	100.	150.	100.	25.0	250.	100.	460.
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	40.00			40.00			45.00			45.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	Yes			Yes			Yes			Yes		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	A St			A St			Be Rd			Be Rd		
Base Volume Input [veh/h]	8	3	3	2	9	1	1	3	1	5	2	1
Base Volume Adjustment Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
Heavy Vehicles Percentage [%]	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
Growth Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	8	3	3	2	9	1	1	3	1	5	2	1
Peak Hour Factor	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Other Adjustment Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
Total 15-Minute Volume [veh/h]	2	9	9	5	2	4	2	1	3	1	7	3
Total Analysis Volume [veh/h]	9	3	3	2	1	1	1	4	1	5	2	1
Presence of On-Street Parking	N		N	N		N	N		N	N		N
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major street [ped/h]	0				0		0			0		
v_di, Inbound Pedestrian Volume crossing major street [ped/h]	0				0		0			0		
v_co, Outbound Pedestrian Volume crossing minor street [ped/h]	0				0		0			0		1
v_ci, Inbound Pedestrian Volume crossing minor street [ped/h]	0				1		0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0				0		0			0		
Bicycle Volume [bicycles/h]	2				0		1			0		

Version 2023 (SP 0-3)

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	145
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Prot	Per	Per	Prot	Per	Per	Prot	Per	Per	Prot	Per	Per
Signal Group	3	8	0	7	4	0	5	2	2	1	6	6
Auxiliary Signal Groups												
Lead / Lag	Lea	-	-	Lea	-	-	Lea	-	-	Lea	-	-
Minimum Green [s]	7	8	0	7	8	0	7	10	10	7	10	10
Maximum Green [s]	20	30	0	20	30	0	20	50	50	20	50	50
Amber [s]	4.1	4.4	0.0	4.1	4.4	0.0	4.4	4.8	4.8	4.4	4.8	4.8
All red [s]	2.0	1.5	0.0	2.0	1.5	0.0	2.0	1.0	1.0	2.0	1.0	1.0
Split [s]	27	36	0	27	36	0	27	56	56	27	56	56
Vehicle Extension [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	4.0	4.0	2.0	4.0	4.0
Walk [s]	0	4	0	0	0	0	0	4	4	0	4	4
Pedestrian Clearance [s]	0	29	0	0	0	0	0	20	20	0	15	15
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	2.0	2.0	2.0	2.0
I2, Clearance Lost Time [s]	4.1	3.9	0.0	4.1	3.9	0.0	4.4	3.8	3.8	4.4	3.8	3.8
Minimum Recall	No	No		No	No		No	Yes		No	Yes	
Maximum Recall	No	No		No	No		No	No		No	No	
Pedestrian Recall	No	No		No	No		No	No		No	No	
Detector Location [ft]	20.0	20.0	0.0	20.0	20.0	0.0	20.0	100.	100.	20.0	100.	100.
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	L	C	L	C	R	L	C	R
C, Cycle Length [s]	66	66	66	66	66	66	66	66	66	66
L, Total Lost Time per Cycle [s]	6.10	5.90	6.10	5.90	6.40	5.80	5.80	6.40	5.80	5.80
I1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
I2, Clearance Lost Time [s]	4.10	3.90	4.10	3.90	4.40	3.80	3.80	4.40	3.80	3.80
g_i, Effective Green Time [s]	6	16	2	13	6	19	19	5	17	17
g / C, Green / Cycle	0.09	0.24	0.04	0.19	0.09	0.29	0.29	0.07	0.26	0.26
(v / s)_i Volume / Saturation Flow Rate	0.05	0.04	0.01	0.17	0.07	0.23	0.09	0.03	0.16	0.01
s, saturation flow rate [veh/h]	1695	1617	1695	1610	169	178	148	169	178	151
c, Capacity [veh/h]	146	396	60	313	157	509	423	116	466	395
d1, Uniform Delay [s]	29.22	19.74	31.21	25.76	29.1	22.0	18.4	29.7	21.4	18.2
k, delay calibration	0.04	0.04	0.04	0.04	0.04	0.15	0.15	0.04	0.15	0.15
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	1.58	0.08	1.36	2.53	2.24	4.51	0.56	1.15	1.77	0.05
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.62	0.17	0.36	0.85	0.71	0.81	0.30	0.48	0.60	0.03
d, Delay for Lane Group [s/veh]	30.80	19.82	32.57	28.29	31.4	26.5	19.0	30.8	23.1	18.2
Lane Group LOS	C	B	C	C	C	C	B	C	C	B
Critical Lane Group	Yes	No	No	Yes	No	Yes	No	Yes	No	No
50th-Percentile Queue Length [veh/ln]	1.34	0.77	0.34	3.87	1.67	5.79	1.39	0.82	3.55	0.14
50th-Percentile Queue Length [ft/ln]	33.52	19.18	8.57	96.76	41.6	144.	34.7	20.5	88.7	3.41
95th-Percentile Queue Length [veh/ln]	2.41	1.38	0.62	6.97	3.00	9.73	2.50	1.48	6.39	0.25
95th-Percentile Queue Length [ft/ln]	60.34	34.53	15.43	174.16	75.0	243.	62.5	36.9	159.	6.13

Movement, Approach, & Intersection Results

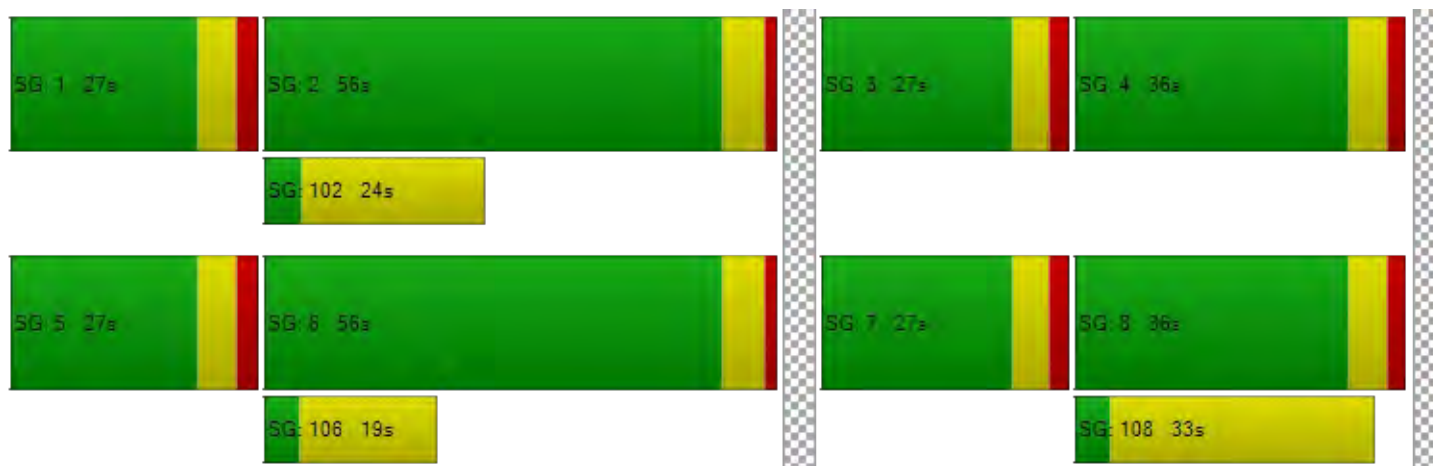
d_M, Delay for Movement [s/veh]	30.8	19.8	19.8	32.5	28.2	28.2	31.4	26.5	19.0	30.8	23.1	18.2
Movement LOS	C	B	B	C	C	C	C	C	B	C	C	B
d_A, Approach Delay [s/veh]	26.04			28.62			25.90			24.24		
Approach LOS	C			C			C			C		
d_I, Intersection Delay [s/veh]	26.06											
Intersection LOS	C											
Intersection V/C	0.484											

Other Modes

g_Walk,mi, Effective Walk Time [s]	8.0	8.0	30.1	8.0
M_corner, Corner Circulation Area [ft ² /ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft ² /ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	25.51	25.51	9.78	25.51
I_p,int, Pedestrian LOS Score for Intersection	2.122	2.122	2.512	2.418
Crosswalk LOS	B	B	B	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	911	911	1520	1520
d_b, Bicycle Delay [s]	9.79	9.78	1.90	1.90
I_b,int, Bicycle LOS Score for Intersection	1.822	2.035	2.637	2.135
Bicycle LOS	A	B	B	B

Sequence

Ring 1	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-







Intersection Level Of Service Report
Intersection 2: A St/McCoy Ln

Control Type: Two-way stop
Analysis Method: HCM 6th Edition
Analysis Period: 15 minutes

Delay (sec / veh): 13.1
Level Of Service: B
Volume to Capacity (v/c): 0.023

Intersection Setup

Name	A St			A St			Driveway			McCoy Ln		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	0	0	1	1	0	0	0	0	0	1	0	0
Entry Pocket Length [ft]	100.	100.	85.0	150.	100.	100.	100.	100.	100.	100.	100.	100.
No. of Lanes in Exit Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	50.0	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	40.00			40.00			30.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			No		

Volumes

Name	A St			A St			Drivewa			Mc Ln		
Base Volume Input [veh/h]	6	7	9	5	1	1	3	0	2	2	9	6
Base Volume Adjustment Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
Heavy Vehicles Percentage [%]	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.
Growth Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	6	7	9	5	1	1	3	0	2	2	9	6
Peak Hour Factor	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Other Adjustment Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
Total 15-Minute Volume [veh/h]	2	2	3	1	4	4	1	0	1	6	3	2
Total Analysis Volume [veh/h]	7	8	1	6	1	1	4	0	2	2	1	8
Pedestrian Volume [ped/h]	2			0			0			0		

Intersection Settings

Priority Scheme	Free	Free	Stop	Stop
Flared Lane			No	No
Storage Area [veh]	0	0	0	0
Two-Stage Gap Acceptance			No	No
Number of Storage Spaces in Median	0	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.01	0.00	0.00	0.05	0.00	0.00	0.01	0.00	0.00	0.04	0.02	0.08
d_M, Delay for Movement [s/veh]	7.70	0.00	0.00	7.59	0.00	0.00	12.8	12.6	8.98	11.7	13.0	9.10
Movement LOS	A	A	A	A	A	A	B	B	A	B	B	A
95th-Percentile Queue Length [veh/ln]	0.02	0.01	0.00	0.15	0.00	0.00	0.03	0.03	0.03	0.14	0.35	0.35
95th-Percentile Queue Length [ft/ln]	0.39	0.20	0.00	3.72	0.00	0.00	0.82	0.82	0.82	3.53	8.64	8.64
d_A, Approach Delay [s/veh]	0.52			2.00			11.55			10.05		
Approach LOS	A			A			B			B		
d_I, Intersection Delay [s/veh]	3.71											
Intersection LOS	B											





Intersection Level Of Service Report

Intersection 3: Skyway Dr/Fairway Dr

Control Type: Signalized
 Analysis Method: HCM 6th Edition
 Analysis Period: 15 minutes

Delay (sec / veh): 18.9
 Level Of Service: B
 Volume to Capacity (v/c): 0.464

Intersection Setup

Name	Skyway Dr			Skyway Dr						Fairway Dr		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	130.	100.	100.	145.	100.	100.	95.0	100.	100.	100.	100.	100.
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	55.00			55.00			40.00			40.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Sk Dr			Sk Dr						Fa Dr		
Base Volume Input [veh/h]	1	5	1	8	6	1	9	1	1	1	5	3
Base Volume Adjustment Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
Heavy Vehicles Percentage [%]	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
Growth Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	1	5	1	8	6	1	9	1	1	1	5	3
Peak Hour Factor	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Other Adjustment Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
Total 15-Minute Volume [veh/h]	4	1	4	2	1	5	2	3	3	0	1	1
Total Analysis Volume [veh/h]	1	5	1	1	7	2	1	1	1	1	6	3
Presence of On-Street Parking	N		N	N		N	N		N	N		N
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major street [ped/h]	1			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [ped/h]	0			0			1			0		
v_co, Outbound Pedestrian Volume crossing minor street [ped/h]	0			1			0			1		
v_ci, Inbound Pedestrian Volume crossing minor street [ped/h]	1			0			1			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	2			0			1			0		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	149
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Prot	Per	Per	Prot	Per	Per	Per	Per	Per	Per	Per	Per
Signal Group	5	2	0	1	6	0	4	4	0	8	8	0
Auxiliary Signal Groups												
Lead / Lag	Lea	-	-	Lea	-	-	Lea	-	-	Lea	-	-
Minimum Green [s]	7	10	0	7	10	0	8	8	0	8	8	0
Maximum Green [s]	30	50	0	30	50	0	50	50	0	50	50	0
Amber [s]	4.8	5.5	0.0	4.8	5.5	0.0	4.4	4.4	0.0	4.4	4.4	0.0
All red [s]	2.0	1.0	0.0	2.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0
Split [s]	37	57	0	37	57	0	56	56	0	56	56	0
Vehicle Extension [s]	2.0	4.0	0.0	2.0	4.0	0.0	4.0	4.0	0.0	4.0	4.0	0.0
Walk [s]	0	7	0	0	7	0	7	7	0	7	7	0
Pedestrian Clearance [s]	0	19	0	0	17	0	26	26	0	26	26	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	4.8	4.5	0.0	4.8	4.5	0.0	3.4	3.4	0.0	3.4	3.4	0.0
Minimum Recall	No	Yes		No	Yes			No			No	
Maximum Recall	No	No		No	No			No			No	
Pedestrian Recall	No	No		No	No			No			No	
Detector Location [ft]	100.	100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.	100.	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	L	C	C	L	C	L	C
C, Cycle Length [s]	57	57	57	57	57	57	57	57	57	57
L, Total Lost Time per Cycle [s]	6.80	6.50	6.50	6.80	6.50	6.50	5.40	5.40	5.40	5.40
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00	0.00
l2, Clearance Lost Time [s]	4.80	4.50	4.50	4.80	4.50	4.50	3.40	3.40	3.40	3.40
g_i, Effective Green Time [s]	7	21	21	6	20	20	11	11	11	11
g / C, Green / Cycle	0.13	0.38	0.38	0.10	0.35	0.35	0.19	0.19	0.19	0.19
(v / s)_i Volume / Saturation Flow Rate	0.10	0.17	0.17	0.06	0.26	0.27	0.08	0.10	0.00	0.03
s, saturation flow rate [veh/h]	173	182	180	173	182	168	1328	1551	1203	1583
c, Capacity [veh/h]	222	692	685	172	640	591	300	297	205	303
d1, Uniform Delay [s]	23.9	13.0	13.0	24.4	16.2	16.2	23.30	20.53	24.82	19.05
k, delay calibration	0.04	0.15	0.15	0.04	0.15	0.15	0.15	0.15	0.15	0.15
l, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	2.36	0.62	0.63	1.19	2.61	2.84	1.02	1.96	0.01	0.32
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.79	0.44	0.44	0.59	0.76	0.76	0.36	0.51	0.00	0.15
d, Delay for Lane Group [s/veh]	26.3	13.7	13.7	25.6	18.8	19.1	24.32	22.49	24.83	19.37
Lane Group LOS	C	B	B	C	B	B	C	C	C	B
Critical Lane Group	Yes	No	No	No	No	Yes	No	Yes	No	No
50th-Percentile Queue Length [veh/ln]	2.04	2.21	2.19	1.15	4.55	4.24	1.29	1.75	0.01	0.46
50th-Percentile Queue Length [ft/ln]	50.9	55.2	54.8	28.6	113.	106.	32.20	43.81	0.30	11.52
95th-Percentile Queue Length [veh/ln]	3.67	3.98	3.95	2.07	8.04	7.62	2.32	3.15	0.02	0.83
95th-Percentile Queue Length [ft/ln]	91.6	99.4	98.6	51.6	201.	190.	57.96	78.86	0.55	20.74

Movement, Approach, & Intersection Results

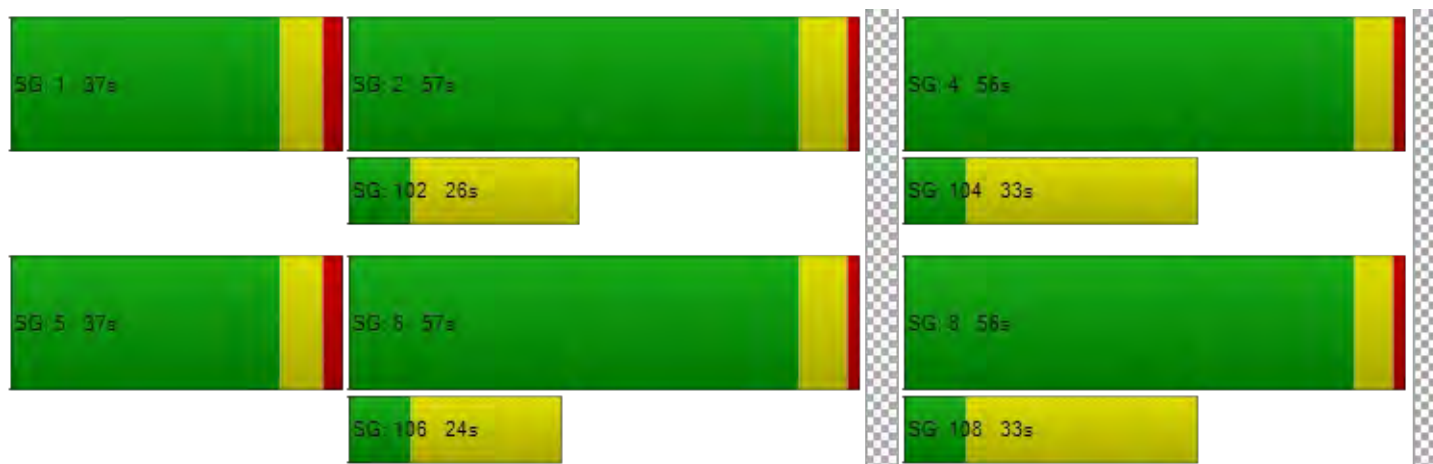
d_M, Delay for Movement [s/veh]	26.3	13.7	13.7	25.6	18.9	19.1	24.3	22.4	22.4	24.8	19.3	19.3
Movement LOS	C	B	B	C	B	B	C	C	C	C	B	B
d_A, Approach Delay [s/veh]	16.55			19.63			23.24			19.49		
Approach LOS	B			B			C			B		
d_I, Intersection Delay [s/veh]	18.94											
Intersection LOS	B											
Intersection V/C	0.464											

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0			11.0			11.0			11.0		
M_corner, Corner Circulation Area [ft ² /ped]	0.00			0.00			0.00			0.00		
M_CW, Crosswalk Circulation Area [ft ² /ped]	0.00			0.00			0.00			0.00		
d_p, Pedestrian Delay [s]	18.40			18.40			18.40			18.40		
I_p,int, Pedestrian LOS Score for Intersection	2.862			3.105			2.195			1.991		
Crosswalk LOS	C			C			B			A		
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000			2000			2000			2000		
c_b, Capacity of the bicycle lane [bicycles/h]	1782			1782			1786			1786		
d_b, Bicycle Delay [s]	0.34			0.34			0.33			0.32		
I_b,int, Bicycle LOS Score for Intersection	2.201			2.410			1.989			1.636		
Bicycle LOS	B			B			A			A		

Sequence

Ring 1	1	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Santa Maria A Street Industrial

Vistro File: G:\...\2023_06_Base Scenario.vistro

Scenario 1 EX AM

Report File: G:\...\2023_08 EX AM (updated timings).pdf

8/10/2023

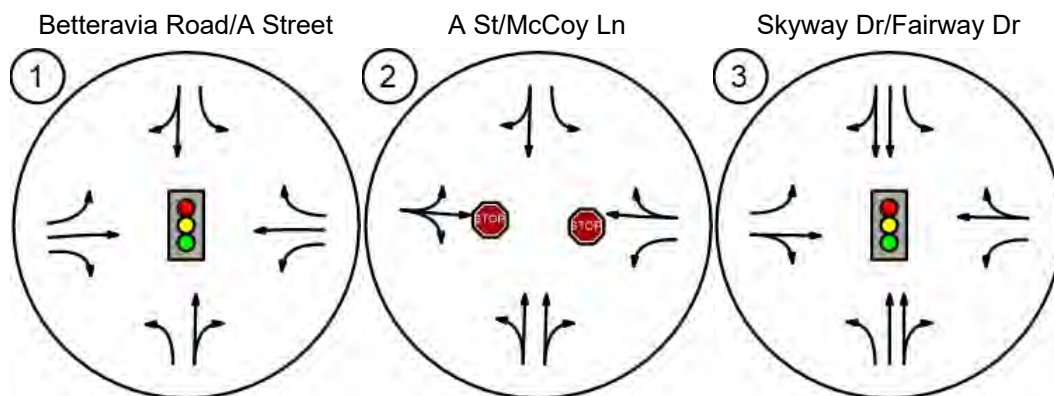
Turning Movement Volume: Summary

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
1	Betteravia Road/A Street	82	32	31	20	97	145	102	377	116	51	255	12	1320

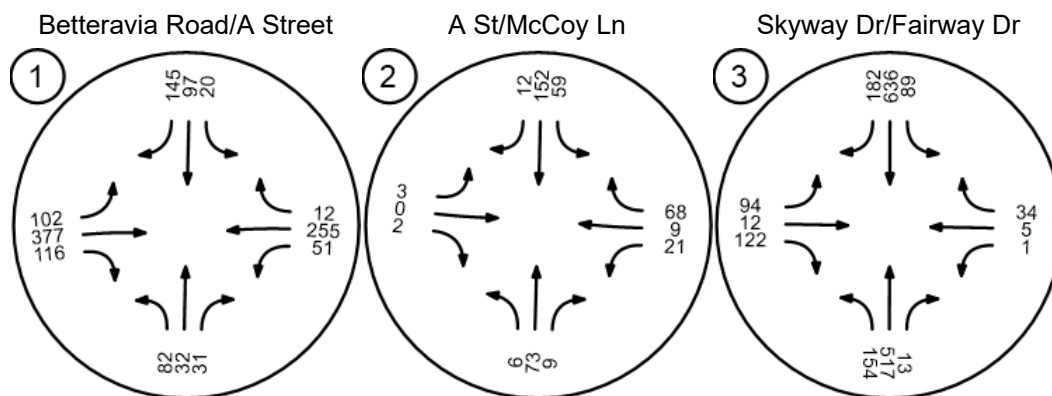
ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
2	A St/McCoy Ln	6	73	9	59	152	12	3	0	2	21	9	68	414

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
3	Skyway Dr/Fairway Dr	154	517	13	89	636	182	94	12	122	1	5	34	1859

Lane Configuration and Traffic Control



Traffic Volume - Base Volume



Santa Maria A Street Industrial

Vistro File: G:\...\2023_06_Base Scenario.vistro

Scenario 2 EX PM

Report File: G:\...\2023_08 EX PM (updated timings).pdf

8/9/2023

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Betteravia Road/A Street	Signalized	HCM 6th Edition	NB Left	0.583	30.3	C
2	A St/McCoy Ln	Two-way stop	HCM 6th Edition	WB Thru	0.005	13.7	B
3	Skyway Dr/Fairway Dr	Signalized	HCM 6th Edition	SB Left	0.414	22.9	C





V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report

Intersection 1: Betteravia Road/A Street

Control Type:	Signalized	Delay (sec / veh):	30.3
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.583

Intersection Setup

Name	A St			A St			Betteravia Rd			Betteravia Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	1	1	0	1
Entry Pocket Length [ft]	120.	100.	100.	105.	100.	100.	150.	100.	25.0	250.	100.	460.
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	40.00			40.00			45.00			45.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	Yes			Yes			Yes			Yes		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	A St			A St			Betteravia Rd			Betteravia Rd		
Base Volume Input [veh/h]	114	88	40	27	41	159	249	560	131	39	366	26
Base Volume Adjustment Factor	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Heavy Vehicles Percentage [%]	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
Growth Factor	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	114	88	40	27	41	159	249	560	131	39	366	26
Peak Hour Factor	0.940	0.940	0.940	0.940	0.940	0.940	0.940	0.940	0.940	0.940	0.940	0.940
Other Adjustment Factor	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Total 15-Minute Volume [veh/h]	30	23	11	7	11	42	66	149	35	10	97	7
Total Analysis Volume [veh/h]	121	94	43	29	44	169	265	596	139	41	389	28
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major street [ped/h]	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [ped/h]	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor street [ped/h]	0			0			1			1		
v_ci, Inbound Pedestrian Volume crossing minor street [ped/h]	1			1			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			1			0		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	145
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Prot	Per	Per	Prot	Per	Per	Prot	Per	Per	Prot	Per	Per
Signal Group	3	8	0	7	4	0	5	2	2	1	6	0
Auxiliary Signal Groups												
Lead / Lag	Lea	-	-	Lea	-	-	Lea	-	-	Lea	-	-
Minimum Green [s]	7	8	0	7	8	0	7	10	10	7	10	0
Maximum Green [s]	20	30	0	20	30	0	20	50	50	20	50	0
Amber [s]	4.1	4.4	0.0	4.1	4.4	0.0	4.4	4.8	4.8	4.4	4.8	0.0
All red [s]	2.0	1.5	0.0	2.0	1.5	0.0	2.0	1.0	1.0	2.0	1.0	0.0
Split [s]	27	36	0	27	36	0	27	56	56	27	56	0
Vehicle Extension [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	4.0	4.0	2.0	4.0	0.0
Walk [s]	0	4	0	0	0	0	0	4	4	0	4	0
Pedestrian Clearance [s]	0	29	0	0	0	0	0	20	20	0	15	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	2.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	4.1	3.9	0.0	4.1	3.9	0.0	4.4	3.8	3.8	4.4	3.8	0.0
Minimum Recall	No	No		No	No		No	Yes		No	Yes	
Maximum Recall	No	No		No	No		No	No		No	No	
Pedestrian Recall	No	No		No	No		No	No		No	No	
Detector Location [ft]	20.0	20.0	0.0	20.0	20.0	0.0	20.0	20.0	20.0	20.0	20.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	L	C	L	C	R	L	C	R
C, Cycle Length [s]	78	78	78	78	78	78	78	78	78	78
L, Total Lost Time per Cycle [s]	6.10	5.90	6.10	5.90	6.40	5.80	5.80	6.40	5.80	5.80
I1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
I2, Clearance Lost Time [s]	4.10	3.90	4.10	3.90	4.40	3.80	3.80	4.40	3.80	3.80
g_i, Effective Green Time [s]	7	16	3	12	14	30	30	4	20	20
g / C, Green / Cycle	0.09	0.21	0.04	0.16	0.18	0.38	0.38	0.05	0.26	0.26
(v / s)_i Volume / Saturation Flow Rate	0.07	0.08	0.02	0.14	0.16	0.33	0.09	0.02	0.22	0.02
s, saturation flow rate [veh/h]	1695	1687	1695	1561	169	178	147	169	178	151
c, Capacity [veh/h]	153	352	71	251	305	684	569	90	459	389
d1, Uniform Delay [s]	34.61	26.47	36.24	31.69	30.9	22.1	16.1	35.6	27.3	21.8
k, delay calibration	0.04	0.04	0.04	0.04	0.04	0.15	0.15	0.04	0.15	0.15
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	3.46	0.26	1.37	3.12	2.97	5.02	0.31	1.33	6.19	0.11
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.79	0.39	0.41	0.85	0.87	0.87	0.24	0.46	0.85	0.07
d, Delay for Lane Group [s/veh]	38.08	26.74	37.62	34.81	33.9	27.1	16.5	37.0	33.5	21.9
Lane Group LOS	D	C	D	C	C	C	B	D	C	C
Critical Lane Group	Yes	No	No	Yes	Yes	No	No	No	Yes	No
50th-Percentile Queue Length [veh/ln]	2.26	2.07	0.54	3.85	4.68	9.64	1.53	0.74	6.97	0.37
50th-Percentile Queue Length [ft/ln]	56.62	51.74	13.43	96.33	116.	240.	38.3	18.5	174.	9.16
95th-Percentile Queue Length [veh/ln]	4.08	3.73	0.97	6.94	8.22	14.7	2.76	1.33	11.3	0.66
95th-Percentile Queue Length [ft/ln]	101.92	93.13	24.18	173.39	205.	368.	68.9	33.3	282.	16.4

Movement, Approach, & Intersection Results

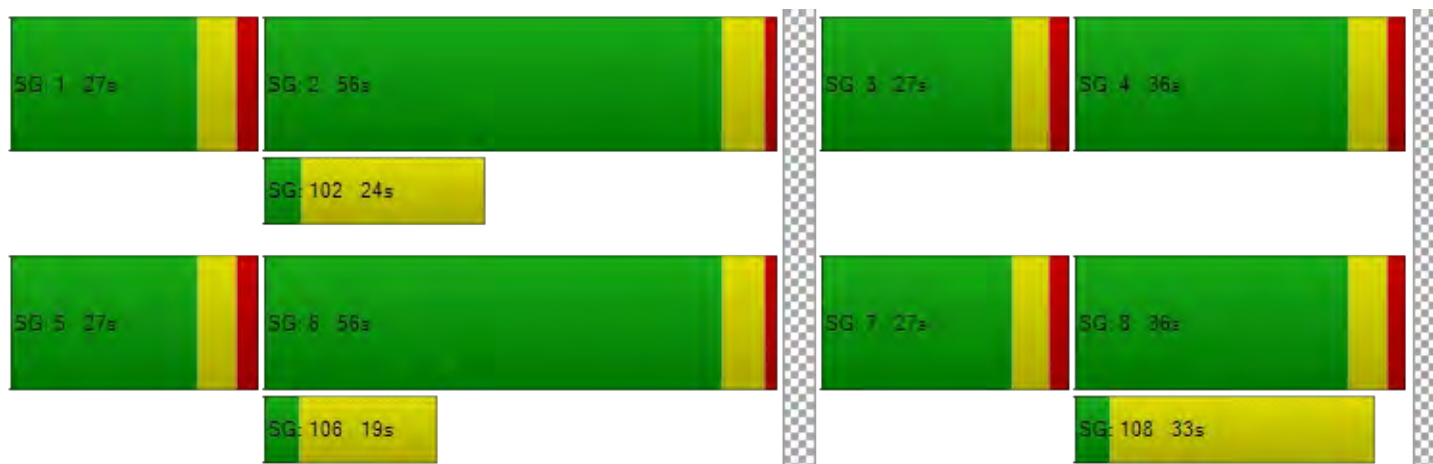
d_M, Delay for Movement [s/veh]	38.0	26.7	26.7	37.6	34.8	34.8	33.9	27.1	16.5	37.0	33.5	21.9
Movement LOS	D	C	C	D	C	C	C	C	B	D	C	C
d_A, Approach Delay [s/veh]	32.05			35.15			27.45			33.17		
Approach LOS	C			D			C			C		
d_I, Intersection Delay [s/veh]	30.35											
Intersection LOS	C											
Intersection V/C	0.583											

Other Modes

g_Walk,mi, Effective Walk Time [s]	8.0	8.0	30.1	8.0
M_corner, Corner Circulation Area [ft ² /ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft ² /ped]	4635.30	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	31.17	31.17	14.50	31.17
I_p,int, Pedestrian LOS Score for Intersection	2.144	2.208	2.710	2.538
Crosswalk LOS	B	B	B	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	777	777	1295	1295
d_b, Bicycle Delay [s]	14.50	14.50	4.81	4.81
I_b,int, Bicycle LOS Score for Intersection	1.985	1.959	3.210	2.315
Bicycle LOS	A	A	C	B

Sequence

Ring 1	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report

Intersection 2: A St/McCoy Ln

Control Type: Two-way stop
 Analysis Method: HCM 6th Edition
 Analysis Period: 15 minutes

Delay (sec / veh): 13.7
 Level Of Service: B
 Volume to Capacity (v/c): 0.005

Intersection Setup

Name	A St			A St						McCoy Ln		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	0	0	1	1	0	0	0	0	0	0	0	1
Entry Pocket Length [ft]	100.	100.	85.0	150.	100.	100.	100.	100.	100.	100.	100.	100.
No. of Lanes in Exit Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	50.0	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	40.00			40.00			30.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name	A St			A St						McCoy Ln		
Base Volume Input [veh/h]	4	98	17	98	121	2	3	6	7	11	2	101
Base Volume Adjustment Factor	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Heavy Vehicles Percentage [%]	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
Growth Factor	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	4	98	17	98	121	2	3	6	7	11	2	101
Peak Hour Factor	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920
Other Adjustment Factor	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Total 15-Minute Volume [veh/h]	1	27	5	27	33	1	1	2	2	3	1	27
Total Analysis Volume [veh/h]	4	107	18	107	132	2	3	7	8	12	2	110
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Priority Scheme	Free	Free	Stop	Stop
Flared Lane			No	No
Storage Area [veh]	0	0	0	0
Two-Stage Gap Acceptance			No	No
Number of Storage Spaces in Median	0	0	0	0

Movement, Approach, & Intersection Results





V/C, Movement V/C Ratio	0.00	0.00	0.00	0.08	0.00	0.00	0.01	0.02	0.01	0.03	0.00	0.11
d_M, Delay for Movement [s/veh]	7.57	0.00	0.00	7.75	0.00	0.00	13.6	13.5	8.94	12.8	13.7	9.22
Movement LOS	A	A	A	A	A	A	B	B	A	B	B	A
95th-Percentile Queue Length [veh/ln]	0.01	0.00	0.00	0.24	0.00	0.00	0.10	0.10	0.10	0.08	0.40	0.40
95th-Percentile Queue Length [ft/ln]	0.21	0.11	0.00	6.12	0.00	0.00	2.43	2.43	2.43	1.96	9.99	9.99
d_A, Approach Delay [s/veh]	0.23			3.44			11.50			9.64		
Approach LOS	A			A			B			A		
d_I, Intersection Delay [s/veh]	4.42											
Intersection LOS	B											

Intersection Level Of Service Report

Intersection 3: Skyway Dr/Fairway Dr

Control Type:	Signalized	Delay (sec / veh):	22.9
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.414

Intersection Setup

Name	Skyway Dr			Skyway Dr						Fairway Dr		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	130.	100.	100.	145.	100.	100.	95.0	100.	100.	100.	100.	100.
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	55.00			55.00			40.00			40.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Skyway Dr			Skyway Dr						Fairway Dr		
Base Volume Input [veh/h]	91	693	5	40	584	71	133	14	127	16	12	146
Base Volume Adjustment Factor	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Heavy Vehicles Percentage [%]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Growth Factor	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	91	693	5	40	584	71	133	14	127	16	12	146
Peak Hour Factor	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840
Other Adjustment Factor	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Total 15-Minute Volume [veh/h]	27	206	1	12	174	21	40	4	38	5	4	43
Total Analysis Volume [veh/h]	108	825	6	48	695	85	158	17	151	19	14	174
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major street [ped/h]	0			0			20			20		
v_di, Inbound Pedestrian Volume crossing major street [ped/h]	20			20			0			0		
v_co, Outbound Pedestrian Volume crossing minor street [ped/h]	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [ped/h]	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	1			0			0			1		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	149
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Prot	Per	Per	Prot	Per	Per	Per	Per	Per	Per	Per	Per
Signal Group	5	2	0	1	6	0	4	4	0	8	8	0
Auxiliary Signal Groups												
Lead / Lag	Lea	-	-	Lea	-	-	Lea	-	-	Lea	-	-
Minimum Green [s]	7	10	0	7	10	0	8	8	0	8	8	0
Maximum Green [s]	30	50	0	30	50	0	50	50	0	50	50	0
Amber [s]	4.8	5.5	0.0	4.8	5.5	0.0	4.4	4.4	0.0	4.4	4.4	0.0
All red [s]	2.0	1.0	0.0	2.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0
Split [s]	37	57	0	37	57	0	56	56	0	56	56	0
Vehicle Extension [s]	2.0	4.0	0.0	2.0	4.0	0.0	4.0	4.0	0.0	4.0	4.0	0.0
Walk [s]	0	7	0	0	7	0	7	7	0	7	7	0
Pedestrian Clearance [s]	0	19	0	0	17	0	26	26	0	26	26	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	4.8	4.5	0.0	4.8	4.5	0.0	3.4	3.4	0.0	3.4	3.4	0.0
Minimum Recall	No	Yes		No	Yes			No			No	
Maximum Recall	No	No		No	No			No			No	
Pedestrian Recall	No	No		No	No			No			No	
Detector Location [ft]	100.	100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.	100.	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	L	C	C	L	C	L	C
C, Cycle Length [s]	65	65	65	65	65	65	65	65	65	65
L, Total Lost Time per Cycle [s]	6.80	6.50	6.50	6.80	6.50	6.50	5.40	5.40	5.40	5.40
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00	0.00
l2, Clearance Lost Time [s]	4.80	4.50	4.50	4.80	4.50	4.50	3.40	3.40	3.40	3.40
g_i, Effective Green Time [s]	6	20	20	4	18	18	22	22	22	22
g / C, Green / Cycle	0.09	0.31	0.31	0.06	0.28	0.28	0.34	0.34	0.34	0.34
(v / s)_i Volume / Saturation Flow Rate	0.06	0.23	0.23	0.03	0.22	0.22	0.14	0.11	0.02	0.12
s, saturation flow rate [veh/h]	175	184	183	175	184	177	1163	1562	1183	1537
c, Capacity [veh/h]	163	578	577	111	524	504	358	524	378	515
d1, Uniform Delay [s]	28.5	19.7	19.8	29.4	21.2	21.2	23.35	16.13	19.85	16.40
k, delay calibration	0.04	0.15	0.15	0.04	0.15	0.15	0.15	0.15	0.15	0.15
l, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	1.72	2.41	2.42	0.99	3.23	3.36	1.21	0.50	0.08	0.62
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.66	0.72	0.72	0.43	0.76	0.76	0.44	0.32	0.05	0.36
d, Delay for Lane Group [s/veh]	30.2	22.2	22.2	30.3	24.4	24.6	24.57	16.63	19.92	17.02
Lane Group LOS	C	C	C	C	C	C	C	B	B	B
Critical Lane Group	Yes	No	No	No	No	Yes	Yes	No	No	No
50th-Percentile Queue Length [veh/ln]	1.50	4.89	4.88	0.67	4.99	4.83	2.11	1.70	0.21	1.94
50th-Percentile Queue Length [ft/ln]	37.5	122.	122.	16.6	124.	120.	52.73	42.57	5.34	48.59
95th-Percentile Queue Length [veh/ln]	2.70	8.52	8.51	1.20	8.65	8.43	3.80	3.07	0.38	3.50
95th-Percentile Queue Length [ft/ln]	67.5	213.	212.	30.0	216.	210.	94.92	76.63	9.61	87.46

Movement, Approach, & Intersection Results

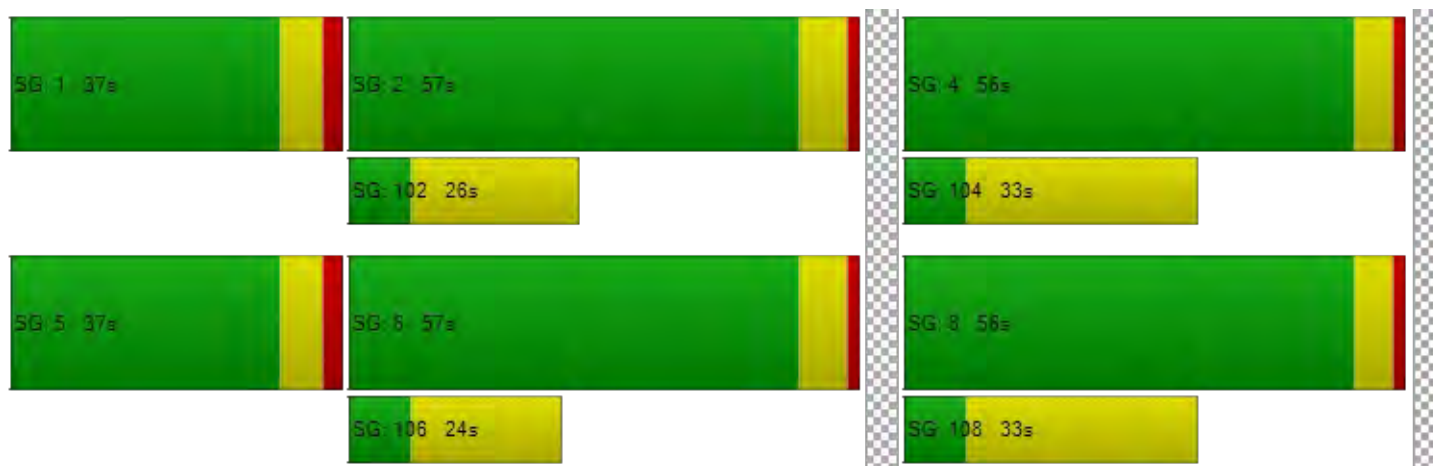
d_M, Delay for Movement [s/veh]	30.2	22.2	22.2	30.3	24.5	24.6	24.5	16.6	16.6	19.9	17.0	17.0
Movement LOS	C	C	C	C	C	C	C	B	B	B	B	B
d_A, Approach Delay [s/veh]	23.14			24.90			20.48			17.29		
Approach LOS	C			C			C			B		
d_I, Intersection Delay [s/veh]	22.87											
Intersection LOS	C											
Intersection V/C	0.414											

Other Modes

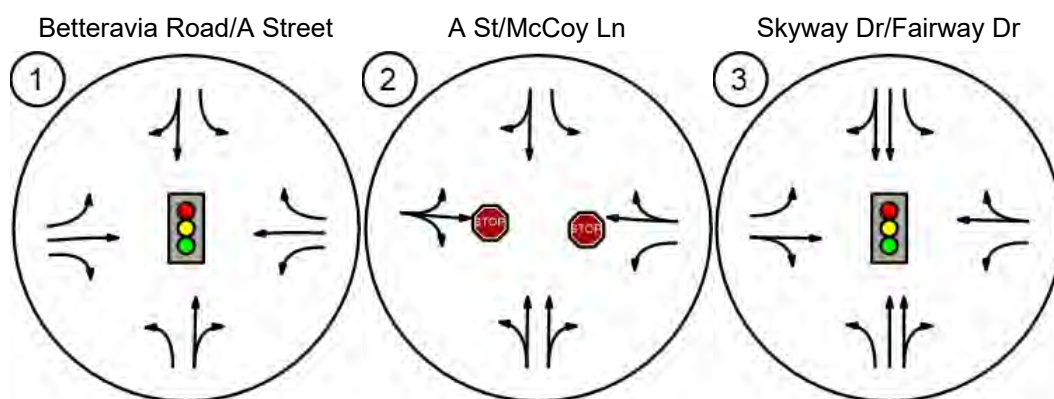
g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0	11.0
M_corner, Corner Circulation Area [ft ² /ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft ² /ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	22.45	22.45	22.45	22.45
I_p,int, Pedestrian LOS Score for Intersection	2.954	3.251	2.153	2.043
Crosswalk LOS	C	C	B	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	1553	1553	1556	1556
d_b, Bicycle Delay [s]	1.63	1.63	1.60	1.61
I_b,int, Bicycle LOS Score for Intersection	2.334	2.243	2.098	1.901
Bicycle LOS	B	B	B	A

Sequence

Ring 1	1	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Lane Configuration and Traffic Control



Santa Maria A Street Industrial

Vistro File: G:\...\2023_06_Base Scenario.vistro

Scenario 3 EX +P AM

Report File: G:\...\2023_08 EX +P AM (updated timings).pdf

8/10/2023

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Betteravia Road/A Street	Signalized	HCM 6th Edition	SB Left	0.500	26.7	C
2	A St/McCoy Ln	Two-way stop	HCM 6th Edition	WB Thru	0.025	13.6	B
3	Skyway Dr/Fairway Dr	Signalized	HCM 6th Edition	NB Left	0.479	19.5	B





V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report

Intersection 1: Betteravia Road/A Street

Control Type:	Signalized	Delay (sec / veh):	26.7
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.500

Intersection Setup

Name	A St			A St			Betteravia Rd			Betteravia Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	1	1	0	1
Entry Pocket Length [ft]	120.	100.	100.	105.	100.	100.	150.	100.	25.0	250.	100.	460.
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	40.00			40.00			45.00			45.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	Yes			Yes			Yes			Yes		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	A St			A St			Be Rd			Be Rd		
Base Volume Input [veh/h]	8	3	3	2	9	1	1	3	1	5	2	1
Base Volume Adjustment Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
Heavy Vehicles Percentage [%]	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
Growth Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	3	1	5	0	3	0	0	0	8	1	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	8	3	3	2	1	1	1	3	1	7	2	1
Peak Hour Factor	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Other Adjustment Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
Total 15-Minute Volume [veh/h]	2	9	1	5	2	4	2	1	3	1	7	3
Total Analysis Volume [veh/h]	9	3	4	2	1	1	1	4	1	7	2	1
Presence of On-Street Parking	N		N	N		N	N		N	N		N
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major street [ped/h]	0				0			0			0	
v_di, Inbound Pedestrian Volume crossing major street [ped/h]	0				0			0			0	
v_co, Outbound Pedestrian Volume crossing minor street [ped/h]	0				0			0			1	
v_ci, Inbound Pedestrian Volume crossing minor street [ped/h]	0				1			0			0	
v_ab, Corner Pedestrian Volume [ped/h]	0				0			0			0	
Bicycle Volume [bicycles/h]	2				0			1			0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	145
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Prot	Per	Per	Prot	Per	Per	Prot	Per	Per	Prot	Per	Per
Signal Group	3	8	8	7	4	4	5	2	2	1	6	6
Auxiliary Signal Groups												
Lead / Lag	Lea	-	-	Lea	-	-	Lea	-	-	Lea	-	-
Minimum Green [s]	7	8	8	7	8	8	7	10	10	7	10	10
Maximum Green [s]	20	30	30	20	30	30	20	50	50	20	50	50
Amber [s]	4.1	4.4	4.4	4.1	4.4	4.4	4.4	4.8	4.8	4.4	4.8	4.8
All red [s]	2.0	1.5	1.5	2.0	1.5	1.5	2.0	1.0	1.0	2.0	1.0	1.0
Split [s]	27	36	36	27	36	36	27	56	56	27	56	56
Vehicle Extension [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	2.0	4.0	4.0
Walk [s]	0	4	4	0	0	0	0	4	4	0	4	4
Pedestrian Clearance [s]	0	29	29	0	0	0	0	20	20	0	15	15
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
I2, Clearance Lost Time [s]	4.1	3.9	3.9	4.1	3.9	3.9	4.4	3.8	3.8	4.4	3.8	3.8
Minimum Recall	No	No		No	No		No	Yes		No	Yes	
Maximum Recall	No	No		No	No		No	No		No	No	
Pedestrian Recall	No	No		No	No		No	No		No	No	
Detector Location [ft]	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	L	C	L	C	R	L	C	R
C, Cycle Length [s]	68	68	68	68	68	68	68	68	68	68
L, Total Lost Time per Cycle [s]	6.10	5.90	6.10	5.90	6.40	5.80	5.80	6.40	5.80	5.80
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	4.10	3.90	4.10	3.90	4.40	3.80	3.80	4.40	3.80	3.80
g_i, Effective Green Time [s]	6	17	2	13	6	19	19	5	19	19
g / C, Green / Cycle	0.09	0.24	0.04	0.19	0.09	0.28	0.28	0.08	0.27	0.27
(v / s)_i Volume / Saturation Flow Rate	0.05	0.05	0.01	0.17	0.07	0.23	0.09	0.05	0.16	0.01
s, saturation flow rate [veh/h]	1695	1607	1695	1612	169	178	148	169	178	151
c, Capacity [veh/h]	145	394	60	315	154	507	422	134	486	413
d1, Uniform Delay [s]	30.14	20.37	32.11	26.49	30.1	22.7	19.1	30.2	21.3	18.1
k, delay calibration	0.04	0.04	0.04	0.04	0.04	0.15	0.15	0.04	0.15	0.15
l, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	1.76	0.09	1.39	2.61	2.46	4.61	0.62	1.43	1.53	0.04
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.64	0.19	0.37	0.86	0.73	0.82	0.32	0.57	0.58	0.03
d, Delay for Lane Group [s/veh]	31.91	20.45	33.50	29.09	32.6	27.3	19.7	31.6	22.8	18.1
Lane Group LOS	C	C	C	C	C	C	B	C	C	B
Critical Lane Group	Yes	No	No	Yes	No	Yes	No	Yes	No	No
50th-Percentile Queue Length [veh/ln]	1.44	0.88	0.35	4.06	1.74	6.01	1.56	1.17	3.58	0.14
50th-Percentile Queue Length [ft/ln]	36.03	22.01	8.87	101.46	43.3	150.	38.9	29.2	89.5	3.46
95th-Percentile Queue Length [veh/ln]	2.59	1.58	0.64	7.30	3.12	10.0	2.81	2.10	6.45	0.25
95th-Percentile Queue Length [ft/ln]	64.86	39.62	15.96	182.62	78.1	250.	70.1	52.5	161.	6.22

Movement, Approach, & Intersection Results

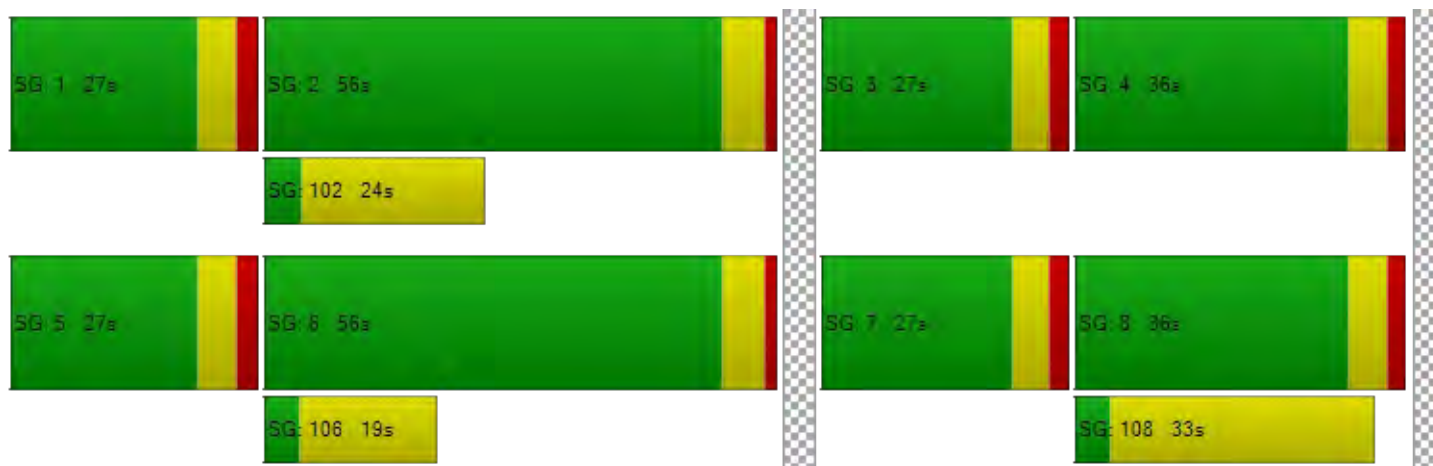
d_M, Delay for Movement [s/veh]	31.9	20.4	20.4	33.5	29.0	29.0	32.6	27.3	19.7	31.6	22.8	18.1
Movement LOS	C	C	C	C	C	C	C	C	B	C	C	B
d_A, Approach Delay [s/veh]	26.76			29.43			26.66			24.55		
Approach LOS	C			C			C			C		
d_I, Intersection Delay [s/veh]	26.69											
Intersection LOS	C											
Intersection V/C	0.500											

Other Modes

g_Walk,mi, Effective Walk Time [s]	8.0	8.0	30.1	8.0
M_corner, Corner Circulation Area [ft ² /ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft ² /ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	26.45	26.45	10.55	26.45
I_p,int, Pedestrian LOS Score for Intersection	2.142	2.125	2.519	2.429
Crosswalk LOS	B	B	B	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	886	886	1477	1477
d_b, Bicycle Delay [s]	10.56	10.55	2.32	2.32
I_b,int, Bicycle LOS Score for Intersection	1.838	2.040	2.652	2.170
Bicycle LOS	A	B	B	B

Sequence

Ring 1	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-







Intersection Level Of Service Report

Intersection 2: A St/McCoy Ln

Control Type: Two-way stop
 Analysis Method: HCM 6th Edition
 Analysis Period: 15 minutes

Delay (sec / veh): 13.6
 Level Of Service: B
 Volume to Capacity (v/c): 0.025

Intersection Setup

Name	A St			A St			Eastbound			McCoy Ln		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	0	0	1	1	0	0	0	0	0	0	0	1
Entry Pocket Length [ft]	100.	100.	85.0	150.	100.	100.	100.	100.	100.	100.	100.	100.
No. of Lanes in Exit Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	700.	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	40.00			40.00			30.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			No		

Volumes

Name	A St			A St			Eastbound			McC Ln		
Base Volume Input [veh/h]	6	7	9	5	1	1	3	0	2	2	9	6
Base Volume Adjustment Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
Heavy Vehicles Percentage [%]	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.
Growth Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	9	1	0	3	0	0	0	0	3	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	6	8	1	5	1	1	3	0	2	2	9	6
Peak Hour Factor	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Other Adjustment Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
Total 15-Minute Volume [veh/h]	2	2	3	1	5	4	1	0	1	7	3	2
Total Analysis Volume [veh/h]	7	9	1	6	2	1	4	0	2	2	1	8
Pedestrian Volume [ped/h]	2			0			0			0		

Intersection Settings

Priority Scheme	Free	Free	Stop	Stop
Flared Lane			No	No
Storage Area [veh]	0	0	0	0
Two-Stage Gap Acceptance			No	No
Number of Storage Spaces in Median	0	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.01	0.00	0.00	0.05	0.00	0.00	0.01	0.00	0.00	0.05	0.02	0.08
d_M, Delay for Movement [s/veh]	7.78	0.00	0.00	7.62	0.00	0.00	13.4	13.1	9.09	12.1	13.5	9.15
Movement LOS	A	A	A	A	A	A	B	B	A	B	B	A
95th-Percentile Queue Length [veh/ln]	0.02	0.01	0.00	0.15	0.00	0.00	0.03	0.03	0.03	0.17	0.35	0.35
95th-Percentile Queue Length [ft/ln]	0.41	0.20	0.00	3.76	0.00	0.00	0.87	0.87	0.87	4.17	8.84	8.84
d_A, Approach Delay [s/veh]	0.47			1.77			11.96			10.27		
Approach LOS	A			A			B			B		
d_I, Intersection Delay [s/veh]	3.49											
Intersection LOS	B											





Intersection Level Of Service Report

Intersection 3: Skyway Dr/Fairway Dr

Control Type: Signalized
 Analysis Method: HCM 6th Edition
 Analysis Period: 15 minutes

Delay (sec / veh): 19.5
 Level Of Service: B
 Volume to Capacity (v/c): 0.479

Intersection Setup

Name	Skyway Dr			Skyway Dr						Fairway Dr		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	130.	100.	100.	145.	100.	100.	95.0	100.	100.	100.	100.	100.
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	55.00			55.00			40.00			40.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Sk Dr			Sk Dr						Fa Dr		
Base Volume Input [veh/h]	1	5	1	8	6	1	9	1	1	1	5	3
Base Volume Adjustment Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
Heavy Vehicles Percentage [%]	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
Growth Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	1	0	0	0	0	8	3	0	4	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	1	5	1	8	6	1	9	1	1	1	5	3
Peak Hour Factor	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Other Adjustment Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
Total 15-Minute Volume [veh/h]	4	1	4	2	1	5	2	3	3	0	1	1
Total Analysis Volume [veh/h]	1	5	1	1	7	2	1	1	1	1	6	3
Presence of On-Street Parking	N		N	N		N	N		N	N		N
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major street [ped/h]	1			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [ped/h]	0			0			1			0		
v_co, Outbound Pedestrian Volume crossing minor street [ped/h]	0			1			0			1		
v_ci, Inbound Pedestrian Volume crossing minor street [ped/h]	1			0			1			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	2			0			1			0		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	149
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Prot	Per	Per	Prot	Per	Per	Per	Per	Per	Per	Per	Per	Per
Signal Group	5	2	2	1	6	6	4	4	4	8	8	8	8
Auxiliary Signal Groups													
Lead / Lag	Lea	-	-	Lea	-	-	Lea	-	-	Lea	-	-	-
Minimum Green [s]	7	10	10	7	10	10	8	8	8	8	8	8	8
Maximum Green [s]	30	50	50	30	50	50	50	50	50	50	50	50	50
Amber [s]	4.8	5.5	5.5	4.8	5.5	5.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4
All red [s]	2.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Split [s]	37	57	57	37	57	57	56	56	56	56	56	56	56
Vehicle Extension [s]	2.0	4.0	4.0	2.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Walk [s]	0	7	7	0	7	7	7	7	7	7	7	7	7
Pedestrian Clearance [s]	0	19	19	0	17	17	26	26	26	26	26	26	26
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No				No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
I2, Clearance Lost Time [s]	4.8	4.5	4.5	4.8	4.5	4.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4
Minimum Recall	No	Yes		No	Yes			No				No	
Maximum Recall	No	No		No	No			No				No	
Pedestrian Recall	No	No		No	No			No				No	
Detector Location [ft]	100.	100.	100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.	100.	100.
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	L	C	C	L	C	L	C
C, Cycle Length [s]	59	59	59	59	59	59	59	59	59	59
L, Total Lost Time per Cycle [s]	6.80	6.50	6.50	6.80	6.50	6.50	5.40	5.40	5.40	5.40
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00	0.00
l2, Clearance Lost Time [s]	4.80	4.50	4.50	4.80	4.50	4.50	3.40	3.40	3.40	3.40
g_i, Effective Green Time [s]	8	23	23	6	21	21	11	11	11	11
g / C, Green / Cycle	0.14	0.39	0.39	0.10	0.35	0.35	0.19	0.19	0.19	0.19
(v / s)_i Volume / Saturation Flow Rate	0.11	0.17	0.17	0.06	0.27	0.27	0.08	0.10	0.00	0.03
s, saturation flow rate [veh/h]	173	182	180	173	182	168	1328	1551	1199	1583
c, Capacity [veh/h]	240	715	708	168	641	590	298	298	199	304
d1, Uniform Delay [s]	24.4	12.9	12.9	25.3	16.8	16.8	24.07	21.28	25.72	19.69
k, delay calibration	0.04	0.15	0.15	0.04	0.15	0.15	0.15	0.15	0.15	0.15
l, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	2.31	0.57	0.57	1.28	2.71	2.95	1.08	2.05	0.01	0.32
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.80	0.42	0.42	0.60	0.76	0.76	0.37	0.53	0.01	0.15
d, Delay for Lane Group [s/veh]	26.7	13.5	13.5	26.6	19.5	19.8	25.15	23.34	25.73	20.00
Lane Group LOS	C	B	B	C	B	B	C	C	C	C
Critical Lane Group	Yes	No	No	No	No	Yes	No	Yes	No	No
50th-Percentile Queue Length [veh/ln]	2.30	2.25	2.23	1.21	4.85	4.52	1.38	1.88	0.01	0.48
50th-Percentile Queue Length [ft/ln]	57.6	56.2	55.8	30.1	121.	112.	34.56	47.05	0.32	12.02
95th-Percentile Queue Length [veh/ln]	4.15	4.05	4.02	2.17	8.46	8.00	2.49	3.39	0.02	0.87
95th-Percentile Queue Length [ft/ln]	103.	101.	100.	54.2	211.	200.	62.21	84.69	0.57	21.63

Movement, Approach, & Intersection Results

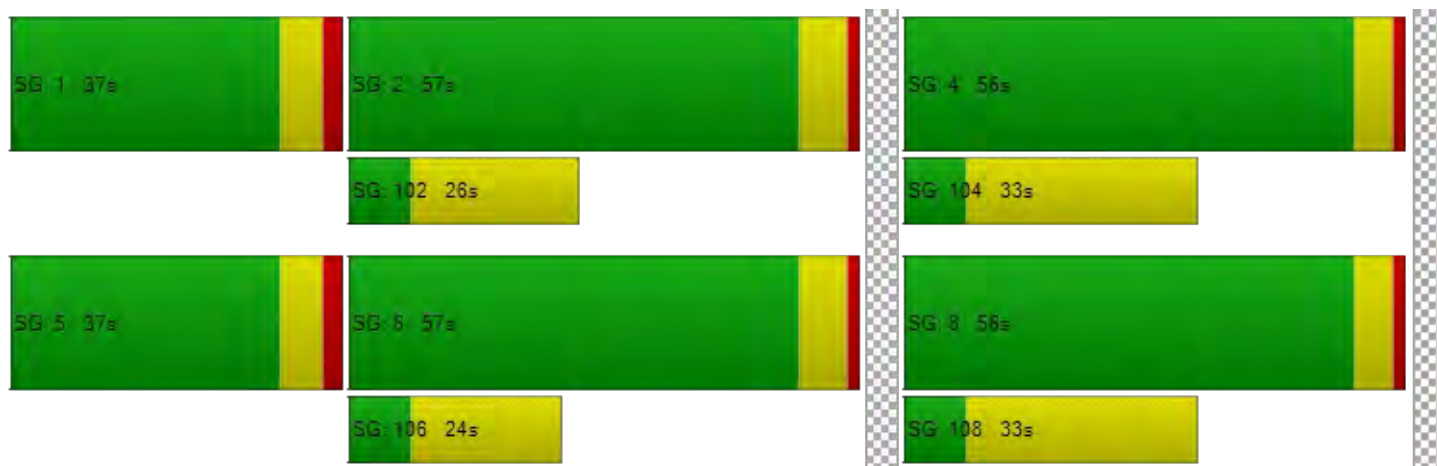
d_M, Delay for Movement [s/veh]	26.7	13.5	13.5	26.6	19.6	19.8	25.1	23.3	23.3	25.7	20.0	20.0
Movement LOS	C	B	B	C	B	B	C	C	C	C	C	C
d_A, Approach Delay [s/veh]	16.74			20.36			24.08			20.13		
Approach LOS	B			C			C			C		
d_I, Intersection Delay [s/veh]	19.48											
Intersection LOS	B											
Intersection V/C	0.479											

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0			11.0			11.0			11.0		
M_corner, Corner Circulation Area [ft ² /ped]	0.00			0.00			0.00			0.00		
M_CW, Crosswalk Circulation Area [ft ² /ped]	0.00			0.00			0.00			0.00		
d_p, Pedestrian Delay [s]	19.34			19.34			19.34			19.34		
I_p,int, Pedestrian LOS Score for Intersection	2.871			3.115			2.211			1.993		
Crosswalk LOS	C			C			B			A		
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000			2000			2000			2000		
c_b, Capacity of the bicycle lane [bicycles/h]	1723			1723			1727			1727		
d_b, Bicycle Delay [s]	0.56			0.56			0.55			0.55		
I_b,int, Bicycle LOS Score for Intersection	2.215			2.418			2.000			1.636		
Bicycle LOS	B			B			B			A		

Sequence

Ring 1	1	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Santa Maria A Street Industrial

Vistro File: G:\...\2023_06_Base Scenario.vistro

Scenario 3 EX +P AM

Report File: G:\...\2023_08 EX +P AM (updated timings).pdf

8/10/2023

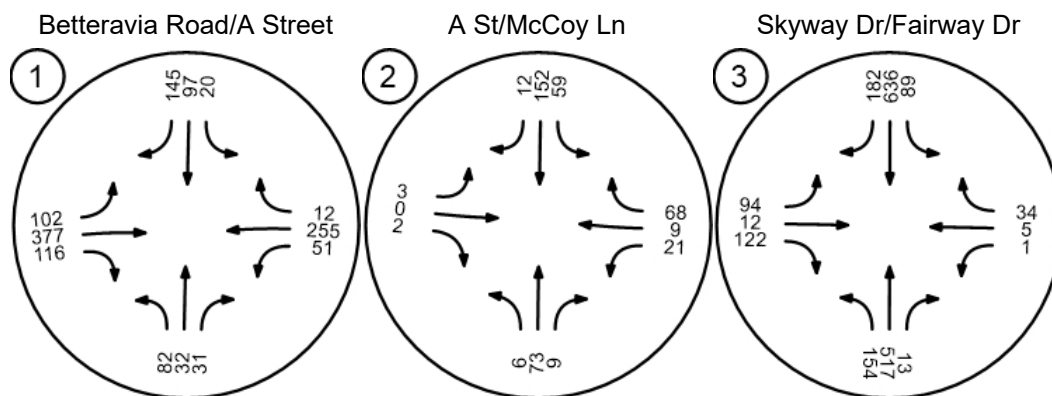
Turning Movement Volume: Summary

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
1	Betteravia Road/A Street	85	33	36	20	100	145	102	377	124	70	255	12	1359

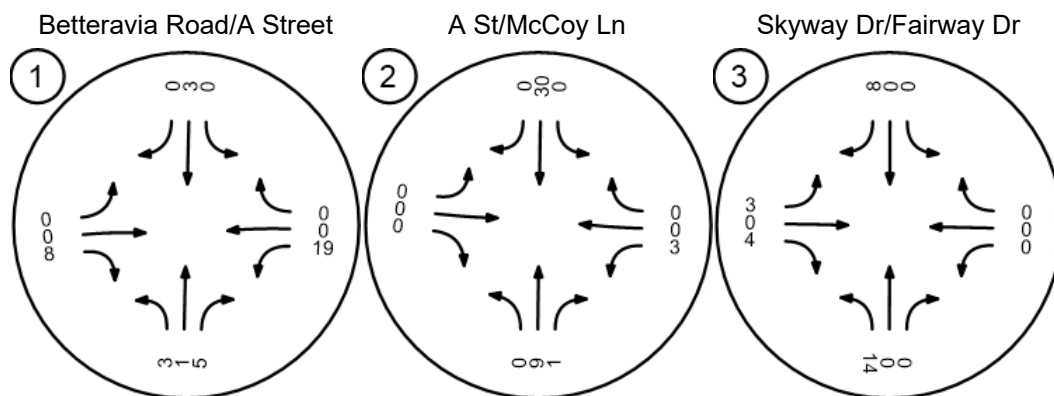
ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
2	A St/McCoy Ln	6	82	10	59	182	12	3	0	2	24	9	68	457

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
3	Skyway Dr/Fairway Dr	168	517	13	89	636	190	97	12	126	1	5	34	1888

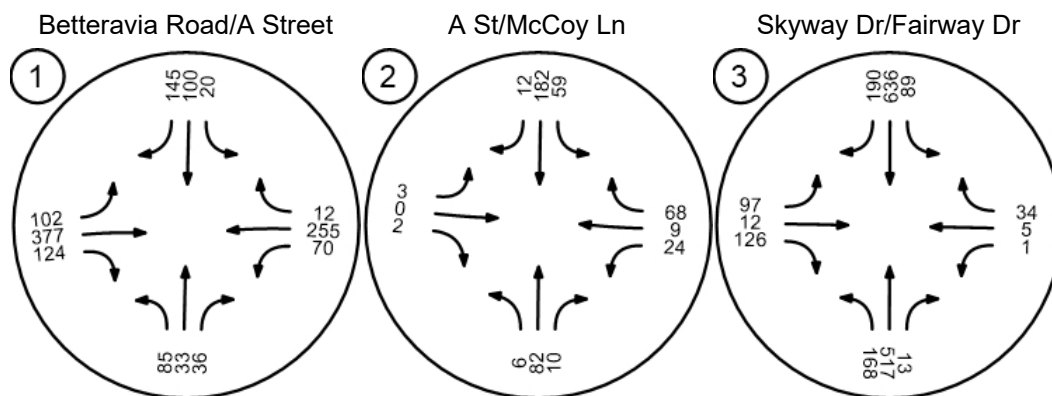
Traffic Volume - Base Volume



Traffic Volume - Net New Site Trips



Traffic Volume - Future Total Volume



Santa Maria A Street Industrial

Vistro File: G:\...\2023_06_Base Scenario.vistro

Scenario 4 EX +P PM

Report File: G:\...\2023_08 EX +P PM (updated timings).pdf

8/10/2023

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Betteravia Road/A Street	Signalized	HCM 6th Edition	SB Left	0.588	31.2	C
2	A St/McCoy Ln	Two-way stop	HCM 6th Edition	WB Thru	0.005	14.3	B
3	Skyway Dr/Fairway Dr	Signalized	HCM 6th Edition	NB Left	0.425	23.1	C





V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report

Intersection 1: Betteravia Road/A Street

Control Type:	Signalized	Delay (sec / veh):	31.2
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.588

Intersection Setup

Name	A St			A St			Betteravia Rd			Betteravia Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	1	1	0	1
Entry Pocket Length [ft]	120.	100.	100.	105.	100.	100.	150.	100.	25.0	250.	100.	460.
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	40.00			40.00			45.00			45.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	Yes			Yes			Yes			Yes		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	A St			A St			Be Rd			Be Rd		
Base Volume Input [veh/h]	1	8	4	2	4	1	2	5	1	3	3	2
Base Volume Adjustment Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
Heavy Vehicles Percentage [%]	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
Growth Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	7	2	1	0	1	0	0	0	3	8	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	1	9	5	2	4	1	2	5	1	4	3	2
Peak Hour Factor	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Other Adjustment Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
Total 15-Minute Volume [veh/h]	3	2	1	7	1	4	6	1	3	1	9	7
Total Analysis Volume [veh/h]	1	9	6	2	4	1	2	5	1	5	3	2
Presence of On-Street Parking	N		N	N		N	N		N	N		N
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major street [ped/h]	0			0			0			2		
v_di, Inbound Pedestrian Volume crossing major street [ped/h]	2			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor street [ped/h]	0			0			0			3		
v_ci, Inbound Pedestrian Volume crossing minor street [ped/h]	0			3			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			1			0		

Version 2023 (SP 0-3)

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	145
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Prot	Per	Per	Prot	Per	Per	Prot	Per	Per	Prot	Per	Per
Signal Group	3	8	8	7	4	4	5	2	2	1	6	6
Auxiliary Signal Groups												
Lead / Lag	Lea	-	-	Lea	-	-	Lea	-	-	Lea	-	-
Minimum Green [s]	7	8	8	7	8	8	7	10	10	7	10	10
Maximum Green [s]	20	30	30	20	30	30	20	50	50	20	50	50
Amber [s]	4.1	4.4	4.4	4.1	4.4	4.4	4.4	4.8	4.8	4.4	4.8	4.8
All red [s]	2.0	1.5	1.5	2.0	1.5	1.5	2.0	1.0	1.0	2.0	1.0	1.0
Split [s]	27	36	36	27	36	36	27	56	56	27	56	56
Vehicle Extension [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	2.0	4.0	4.0
Walk [s]	0	4	4	0	0	0	0	4	4	0	4	4
Pedestrian Clearance [s]	0	29	29	0	0	0	0	20	20	0	15	15
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
I2, Clearance Lost Time [s]	4.1	3.9	3.9	4.1	3.9	3.9	4.4	3.8	3.8	4.4	3.8	3.8
Minimum Recall	No	No		No	No		No	Yes		No	Yes	
Maximum Recall	No	No		No	No		No	No		No	No	
Pedestrian Recall	No	No		No	No		No	No		No	No	
Detector Location [ft]	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	L	C	L	C	R	L	C	R
C, Cycle Length [s]	80	80	80	80	80	80	80	80	80	80
L, Total Lost Time per Cycle [s]	6.10	5.90	6.10	5.90	6.40	5.80	5.80	6.40	5.80	5.80
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	4.10	3.90	4.10	3.90	4.40	3.80	3.80	4.40	3.80	3.80
g_i, Effective Green Time [s]	8	17	3	13	14	30	30	5	21	21
g / C, Green / Cycle	0.10	0.21	0.04	0.16	0.18	0.38	0.38	0.06	0.26	0.26
(v / s)_i Volume / Saturation Flow Rate	0.08	0.10	0.02	0.14	0.16	0.33	0.10	0.03	0.22	0.02
s, saturation flow rate [veh/h]	1695	1661	1695	1562	169	178	148	169	178	150
c, Capacity [veh/h]	162	357	71	251	305	680	565	100	465	393
d1, Uniform Delay [s]	35.39	27.25	37.33	32.62	31.8	22.9	16.8	36.4	27.9	22.2
k, delay calibration	0.04	0.04	0.04	0.04	0.05	0.15	0.15	0.04	0.15	0.15
l, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	3.35	0.32	1.40	3.15	3.81	5.31	0.33	1.43	5.69	0.11
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.80	0.44	0.41	0.85	0.87	0.88	0.25	0.50	0.84	0.07
d, Delay for Lane Group [s/veh]	38.73	27.57	38.73	35.77	35.6	28.2	17.2	37.9	33.6	22.3
Lane Group LOS	D	C	D	D	D	C	B	D	C	C
Critical Lane Group	Yes	No	No	Yes	Yes	No	No	No	Yes	No
50th-Percentile Queue Length [veh/ln]	2.48	2.49	0.56	4.00	4.91	10.0	1.65	0.93	7.11	0.38
50th-Percentile Queue Length [ft/ln]	62.06	62.21	13.88	100.09	122.	252.	41.3	23.2	177.	9.43
95th-Percentile Queue Length [veh/ln]	4.47	4.48	1.00	7.21	8.55	15.2	2.98	1.67	11.4	0.68
95th-Percentile Queue Length [ft/ln]	111.71	111.98	24.99	180.16	213.	382.	74.3	41.8	287.	16.9

Movement, Approach, & Intersection Results

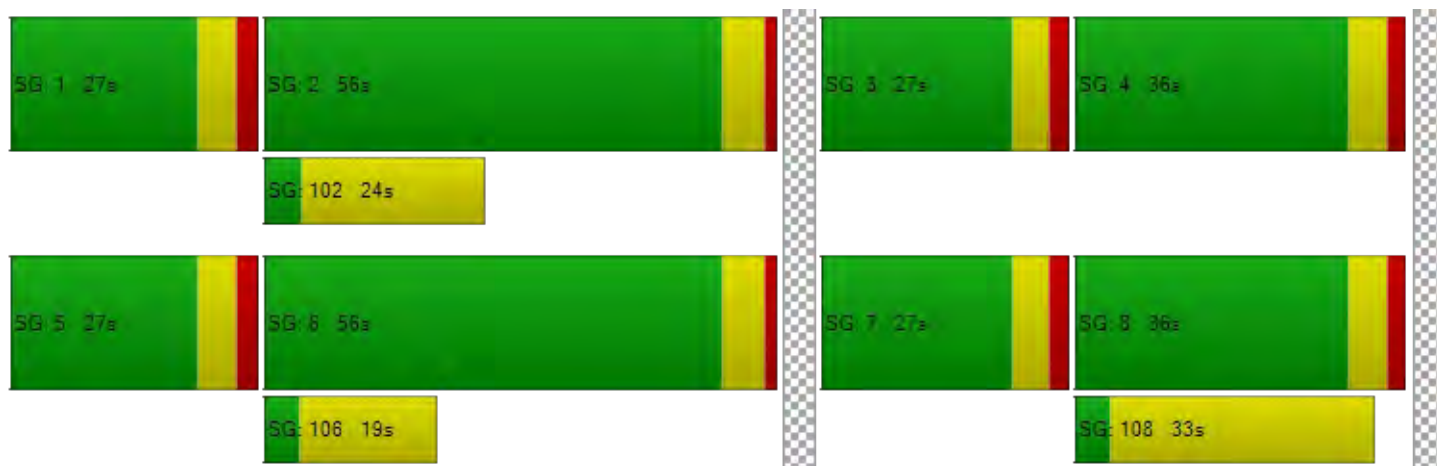
d_M, Delay for Movement [s/veh]	38.7	27.5	27.5	38.7	35.7	35.7	35.6	28.2	17.2	37.9	33.6	22.3
Movement LOS	D	C	C	D	D	D	D	C	B	D	C	C
d_A, Approach Delay [s/veh]	32.59			36.12			28.66			33.40		
Approach LOS	C			D			C			C		
d_I, Intersection Delay [s/veh]	31.23											
Intersection LOS	C											
Intersection V/C	0.588											

Other Modes

g_Walk,mi, Effective Walk Time [s]	8.0	8.0	30.1	8.0
M_corner, Corner Circulation Area [ft ² /ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft ² /ped]	0.00	0.00	0.00	3733.67
d_p, Pedestrian Delay [s]	32.28	32.28	15.46	32.28
I_p,int, Pedestrian LOS Score for Intersection	2.164	2.211	2.716	2.550
Crosswalk LOS	B	B	B	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	755	755	1259	1259
d_b, Bicycle Delay [s]	15.46	15.46	5.48	5.48
I_b,int, Bicycle LOS Score for Intersection	2.033	1.961	3.216	2.330
Bicycle LOS	B	A	C	B

Sequence

Ring 1	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-







Intersection Level Of Service Report

Intersection 2: A St/McCoy Ln

Control Type: Two-way stop
 Analysis Method: HCM 6th Edition
 Analysis Period: 15 minutes

Delay (sec / veh): 14.3
 Level Of Service: B
 Volume to Capacity (v/c): 0.005

Intersection Setup

Name	A St			A St			Eastbound			McCoy Ln		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	0	0	1	1	0	0	0	0	0	0	0	1
Entry Pocket Length [ft]	100.	100.	85.0	150.	100.	100.	100.	100.	100.	100.	100.	100.
No. of Lanes in Exit Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	700.	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	40.00			40.00			30.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			No		

Volumes

Name	A St			A St			Eastbound			McCoy Ln		
Base Volume Input [veh/h]	4	9	1	9	1	2	3	6	7	1	2	1
Base Volume Adjustment Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
Heavy Vehicles Percentage [%]	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
Growth Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	2	2	0	1	0	0	0	0	1	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	4	1	1	9	1	2	3	6	7	1	2	1
Peak Hour Factor	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Other Adjustment Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
Total 15-Minute Volume [veh/h]	1	3	5	2	3	1	1	2	2	3	1	2
Total Analysis Volume [veh/h]	4	1	2	1	1	2	3	7	8	1	2	1
Pedestrian Volume [ped/h]	0			1			0			0		

Intersection Settings

Priority Scheme	Free	Free	Stop	Stop
Flared Lane			No	No
Storage Area [veh]	0	0	0	0
Two-Stage Gap Acceptance			No	No
Number of Storage Spaces in Median	0	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.08	0.00	0.00	0.01	0.02	0.01	0.03	0.00	0.12
d_M, Delay for Movement [s/veh]	7.60	0.00	0.00	7.83	0.00	0.00	14.1	14.0	9.00	13.4	14.2	9.35
Movement LOS	A	A	A	A	A	A	B	B	A	B	B	A
95th-Percentile Queue Length [veh/ln]	0.01	0.00	0.00	0.25	0.00	0.00	0.10	0.10	0.10	0.09	0.41	0.41
95th-Percentile Queue Length [ft/ln]	0.22	0.11	0.00	6.31	0.00	0.00	2.56	2.56	2.56	2.27	10.3	10.3
d_A, Approach Delay [s/veh]	0.19			3.30			11.82			9.85		
Approach LOS	A			A			B			A		
d_I, Intersection Delay [s/veh]	4.14											
Intersection LOS	B											





Intersection Level Of Service Report

Intersection 3: Skyway Dr/Fairway Dr

Control Type: Signalized
 Analysis Method: HCM 6th Edition
 Analysis Period: 15 minutes

Delay (sec / veh): 23.1
 Level Of Service: C
 Volume to Capacity (v/c): 0.425

Intersection Setup

Name	Skyway Dr			Skyway Dr						Fairway Dr		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	130.	100.	100.	145.	100.	100.	95.0	100.	100.	100.	100.	100.
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	55.00			55.00			40.00			40.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Sk Dr			Sk Dr						Fa Dr		
Base Volume Input [veh/h]	9	6	5	4	5	7	1	1	1	1	1	1
Base Volume Adjustment Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
Heavy Vehicles Percentage [%]	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
Growth Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	6	0	0	0	0	3	7	0	1	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	9	6	5	4	5	7	1	1	1	1	1	1
Peak Hour Factor	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Other Adjustment Factor	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
Total 15-Minute Volume [veh/h]	2	2	1	1	1	2	4	4	4	5	4	4
Total Analysis Volume [veh/h]	1	8	6	4	6	8	1	1	1	1	1	1
Presence of On-Street Parking	N		N	N		N	N		N	N		N
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major street [ped/h]	10				0		10				0	
v_di, Inbound Pedestrian Volume crossing major street [ped/h]	10				0		10				0	
v_co, Outbound Pedestrian Volume crossing minor street [ped/h]	0				0		0				0	
v_ci, Inbound Pedestrian Volume crossing minor street [ped/h]	0				0		0				0	
v_ab, Corner Pedestrian Volume [ped/h]	0				0		0				0	
Bicycle Volume [bicycles/h]	1				0		0				1	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	149
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Prot	Per	Per	Prot	Per	Per	Per	Per	Per	Per	Per	Per	Per
Signal Group	5	2	2	1	6	6	4	4	4	8	8	8	8
Auxiliary Signal Groups													
Lead / Lag	Lea	-	-	Lea	-	-	Lea	-	-	Lea	-	-	-
Minimum Green [s]	7	10	10	7	10	10	8	8	8	8	8	8	8
Maximum Green [s]	30	50	50	30	50	50	50	50	50	50	50	50	50
Amber [s]	4.8	5.5	5.5	4.8	5.5	5.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4
All red [s]	2.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Split [s]	37	57	57	37	57	57	56	56	56	56	56	56	56
Vehicle Extension [s]	2.0	4.0	4.0	2.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Walk [s]	0	7	7	0	7	7	7	7	7	7	7	7	7
Pedestrian Clearance [s]	0	19	19	0	17	17	26	26	26	26	26	26	26
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No		
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
I2, Clearance Lost Time [s]	4.8	4.5	4.5	4.8	4.5	4.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4
Minimum Recall	No	Yes		No	Yes			No			No		
Maximum Recall	No	No		No	No			No			No		
Pedestrian Recall	No	No		No	No			No			No		
Detector Location [ft]	100.	100.	100.	0.0	0.0	0.0	0.0	0.0	0.0	100.	100.	100.	100.
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	L	C	C	L	C	L	C
C, Cycle Length [s]	66	66	66	66	66	66	66	66	66	66
L, Total Lost Time per Cycle [s]	6.80	6.50	6.50	6.80	6.50	6.50	5.40	5.40	5.40	5.40
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00	0.00
l2, Clearance Lost Time [s]	4.80	4.50	4.50	4.80	4.50	4.50	3.40	3.40	3.40	3.40
g_i, Effective Green Time [s]	6	21	21	4	19	19	22	22	22	22
g / C, Green / Cycle	0.09	0.31	0.31	0.06	0.28	0.28	0.34	0.34	0.34	0.34
(v / s)_i Volume / Saturation Flow Rate	0.07	0.23	0.23	0.03	0.22	0.22	0.14	0.12	0.02	0.12
s, saturation flow rate [veh/h]	175	184	183	175	184	176	1176	1560	1169	1563
c, Capacity [veh/h]	164	580	578	110	523	502	366	528	368	529
d1, Uniform Delay [s]	28.9	19.9	19.9	29.7	21.5	21.5	23.48	16.33	20.32	16.40
k, delay calibration	0.04	0.15	0.15	0.04	0.15	0.15	0.15	0.15	0.15	0.15
l, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	2.02	2.38	2.39	1.02	3.32	3.46	1.26	0.55	0.08	0.58
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.70	0.72	0.72	0.44	0.76	0.76	0.46	0.34	0.05	0.36
d, Delay for Lane Group [s/veh]	31.0	22.3	22.3	30.8	24.9	25.0	24.75	16.88	20.40	16.97
Lane Group LOS	C	C	C	C	C	C	C	B	C	B
Critical Lane Group	Yes	No	No	No	No	Yes	Yes	No	No	No
50th-Percentile Queue Length [veh/ln]	1.64	4.97	4.95	0.68	5.12	4.94	2.26	1.89	0.22	1.96
50th-Percentile Queue Length [ft/ln]	40.9	124.	123.	16.9	127.	123.	56.55	47.13	5.47	48.90
95th-Percentile Queue Length [veh/ln]	2.95	8.62	8.61	1.22	8.83	8.59	4.07	3.39	0.39	3.52
95th-Percentile Queue Length [ft/ln]	73.7	215.	215.	30.5	220.	214.	101.79	84.83	9.85	88.03

Movement, Approach, & Intersection Results

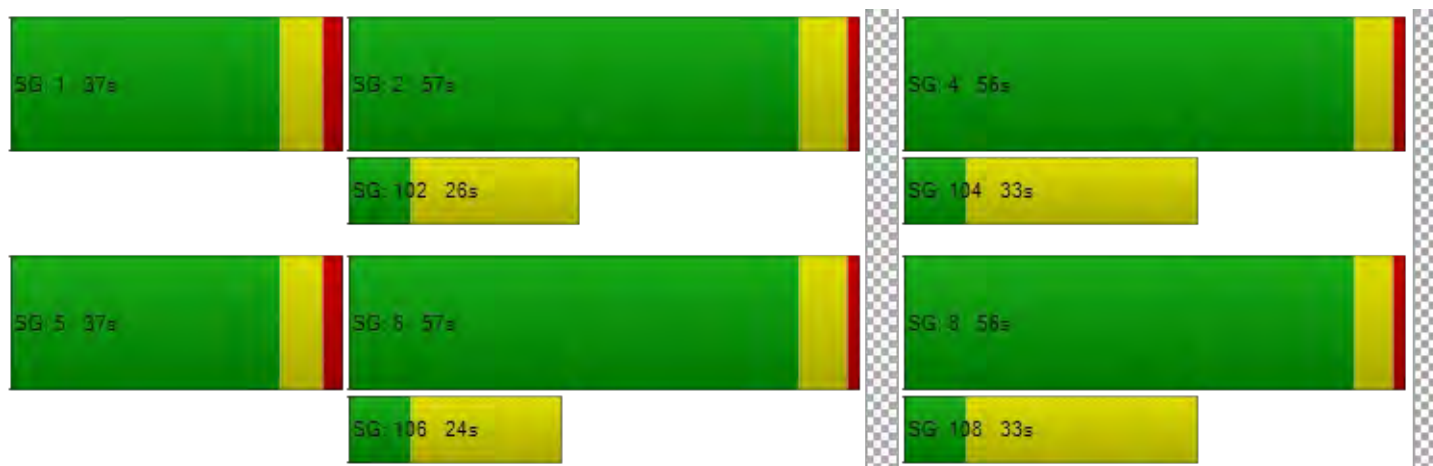
d_M, Delay for Movement [s/veh]	31.0	22.3	22.3	30.8	24.9	25.0	24.7	16.8	16.8	20.4	16.9	16.9
Movement LOS	C	C	C	C	C	C	C	B	B	C	B	B
d_A, Approach Delay [s/veh]	23.43			25.32			20.64			17.29		
Approach LOS	C			C			C			B		
d_I, Intersection Delay [s/veh]	23.14											
Intersection LOS	C											
Intersection V/C	0.425											

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0	11.0
M_corner, Corner Circulation Area [ft ² /ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft ² /ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	22.86	22.86	22.86	22.86
I_p,int, Pedestrian LOS Score for Intersection	2.962	3.268	2.168	2.043
Crosswalk LOS	C	C	B	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	1533	1533	1536	1536
d_b, Bicycle Delay [s]	1.80	1.80	1.77	1.77
I_b,int, Bicycle LOS Score for Intersection	2.340	2.245	2.135	1.901
Bicycle LOS	B	B	B	A

Sequence

Ring 1	1	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Santa Maria A Street Industrial

Vistro File: G:\...\2023_06_Base Scenario.vistro

Scenario 4 EX +P PM

Report File: G:\...\2023_08 EX +P PM (updated timings).pdf

8/10/2023

Turning Movement Volume: Summary

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
1	Betteravia Road/A Street	121	90	58	27	42	159	249	560	134	47	366	26	1879

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
2	A St/McCoy Ln	4	125	19	98	133	2	3	6	7	12	2	101	512

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
3	Skyway Dr/Fairway Dr	97	693	5	40	584	74	140	14	139	16	12	146	1960

Santa Maria A Street Industrial

Vistro File: G:\...\2023_06_Base Scenario.vistro

Scenario 4 EX +P PM

Report File: G:\...\2023_08 EX +P PM (updated timings).pdf

8/10/2023

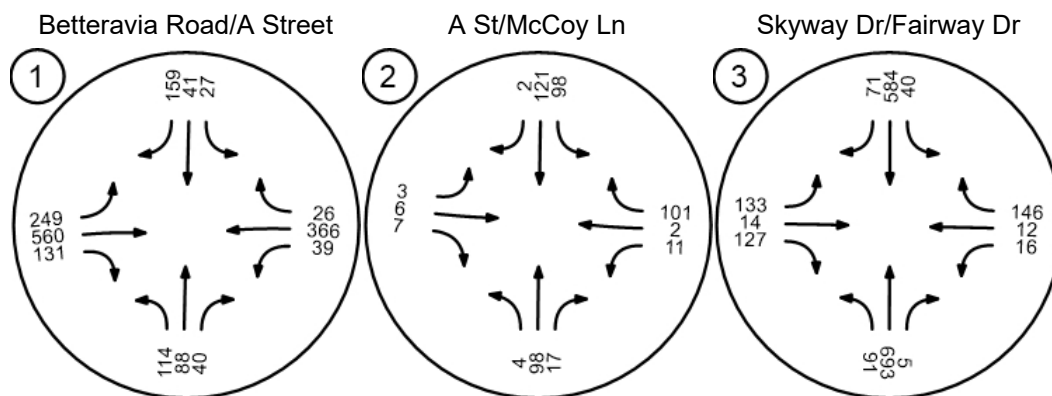
Turning Movement Volume: Detail

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
1	Betteravia Road/A Street	Final Base	114	88	40	27	41	159	249	560	131	39	366	26	1840
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	7	2	18	0	1	0	0	0	3	8	0	0	39
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0
		Future Total	121	90	58	27	42	159	249	560	134	47	366	26	1879

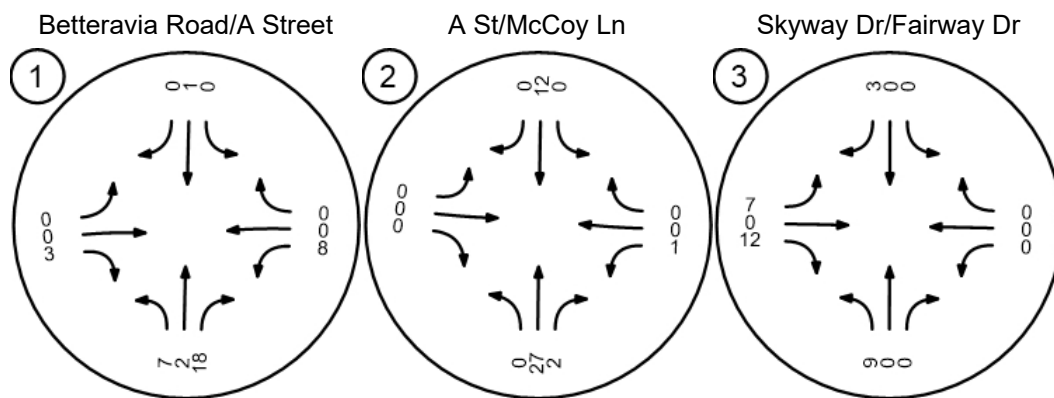
ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
2	A St/McCoy Ln	Final Base	4	98	17	98	121	2	3	6	7	11	2	101	470
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	0	27	2	0	12	0	0	0	0	1	0	0	42
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0
		Future Total	4	125	19	98	133	2	3	6	7	12	2	101	512

ID	Intersection Name	Volume Type	Northbound			Southbound			Eastbound			Westbound			Total Volume
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
3	Skyway Dr/Fairway Dr	Final Base	91	693	5	40	584	71	133	14	127	16	12	146	1932
		Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-
		In Process	0	0	0	0	0	0	0	0	0	0	0	0	0
		Net New Trips	6	0	0	0	0	3	7	0	12	0	0	0	28
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0
		Future Total	97	693	5	40	584	74	140	14	139	16	12	146	1960

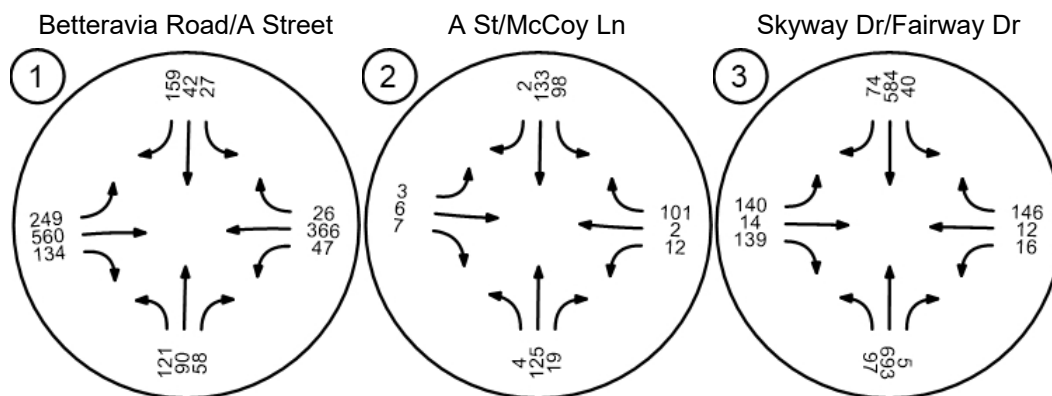
Traffic Volume - Base Volume



Traffic Volume - Net New Site Trips



Traffic Volume - Future Total Volume



Santa Maria A Street Industrial

Vistro File: G:\...\2023_06_Base Scenario.vistro

Scenario 5 CM AM

Report File: G:\...\2023_08 CM AM (updated timings).pdf

8/14/2023

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Betteravia Road/A Street	Signalized	HCM 6th Edition	NB Left	0.594	32.2	C
2	A St/McCoy Ln	Two-way stop	HCM 6th Edition	WB Thru	0.025	13.6	B
3	Skyway Dr/Fairway Dr	Signalized	HCM 6th Edition	SB Left	0.521	21.2	C





V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report

Intersection 1: Betteravia Road/A Street

Control Type:	Signalized	Delay (sec / veh):	32.2
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.594

Intersection Setup

Name	A St			A St			Betteravia Rd			Betteravia Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	1	1	0	1
Entry Pocket Length [ft]	120.	100.	100.	105.	100.	100.	150.	100.	25.0	250.	100.	460.
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	40.00			40.00			45.00			45.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	Yes			Yes			Yes			Yes		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	A St			A St			Betteravia Rd			Betteravia Rd		
Base Volume Input [veh/h]	110	40	40	30	130	190	120	440	140	60	300	20
Base Volume Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles Percentage [%]	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	110	40	40	30	130	190	120	440	140	60	300	20
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Other Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Total 15-Minute Volume [veh/h]	30	11	11	8	35	52	33	120	38	16	82	5
Total Analysis Volume [veh/h]	120	43	43	33	141	207	130	478	152	65	326	22
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major street [ped/h]	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [ped/h]	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor street [ped/h]	0			0			0			1		
v_ci, Inbound Pedestrian Volume crossing minor street [ped/h]	0			1			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	2			0			1			0		

Version 2023 (SP 0-3)

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	145
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Prot	Per	Per	Prot	Per	Per	Prot	Per	Per	Prot	Per	Per
Signal Group	3	8	8	7	4	4	5	2	2	1	6	6
Auxiliary Signal Groups												
Lead / Lag	Lea	-	-	Lea	-	-	Lea	-	-	Lea	-	-
Minimum Green [s]	7	8	8	7	8	8	7	10	10	7	10	10
Maximum Green [s]	20	30	30	20	30	30	20	50	50	20	50	50
Amber [s]	4.1	4.4	4.4	4.1	4.4	4.4	4.4	4.8	4.8	4.4	4.8	4.8
All red [s]	2.0	1.5	1.5	2.0	1.5	1.5	2.0	1.0	1.0	2.0	1.0	1.0
Split [s]	27	36	36	27	36	36	27	56	56	27	56	56
Vehicle Extension [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	2.0	4.0	4.0
Walk [s]	0	4	4	0	0	0	0	4	4	0	4	4
Pedestrian Clearance [s]	0	29	29	0	0	0	0	20	20	0	15	15
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
I2, Clearance Lost Time [s]	4.1	3.9	3.9	4.1	3.9	3.9	4.4	3.8	3.8	4.4	3.8	3.8
Minimum Recall	No	No		No	No		No	Yes		No	Yes	
Maximum Recall	No	No		No	No		No	No		No	No	
Pedestrian Recall	No	No		No	No		No	No		No	No	
Detector Location [ft]	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	L	C	L	C	R	L	C	R
C, Cycle Length [s]	83	83	83	83	83	83	83	83	83	83
L, Total Lost Time per Cycle [s]	6.10	5.90	6.10	5.90	6.40	5.80	5.80	6.40	5.80	5.80
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	4.10	3.90	4.10	3.90	4.40	3.80	3.80	4.40	3.80	3.80
g_i, Effective Green Time [s]	7	23	4	20	8	26	26	5	23	23
g / C, Green / Cycle	0.09	0.28	0.05	0.24	0.10	0.31	0.31	0.07	0.28	0.28
(v / s)_i Volume / Saturation Flow Rate	0.07	0.05	0.02	0.22	0.08	0.27	0.10	0.04	0.18	0.01
s, saturation flow rate [veh/h]	1695	1615	1695	1611	169	178	148	169	178	151
c, Capacity [veh/h]	151	457	77	385	163	557	464	112	504	427
d1, Uniform Delay [s]	36.92	22.44	38.44	30.53	36.6	26.6	21.7	37.5	26.0	21.5
k, delay calibration	0.04	0.04	0.04	0.06	0.04	0.15	0.15	0.04	0.15	0.15
l, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	3.54	0.07	1.41	5.06	3.40	5.53	0.58	1.78	1.99	0.07
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.79	0.19	0.43	0.90	0.80	0.86	0.33	0.58	0.65	0.05
d, Delay for Lane Group [s/veh]	40.45	22.51	39.85	35.59	40.0	32.2	22.2	39.3	28.0	21.6
Lane Group LOS	D	C	D	D	D	C	C	D	C	C
Critical Lane Group	Yes	No	No	Yes	No	Yes	No	Yes	No	No
50th-Percentile Queue Length [veh/ln]	2.41	1.20	0.65	6.80	2.57	8.82	2.13	1.26	5.42	0.30
50th-Percentile Queue Length [ft/ln]	60.35	29.98	16.36	170.07	64.2	220.	53.3	31.5	135.	7.39
95th-Percentile Queue Length [veh/ln]	4.34	2.16	1.18	11.08	4.63	13.6	3.84	2.27	9.23	0.53
95th-Percentile Queue Length [ft/ln]	108.62	53.97	29.44	277.01	115.	342.	96.0	56.7	230.	13.3

Movement, Approach, & Intersection Results

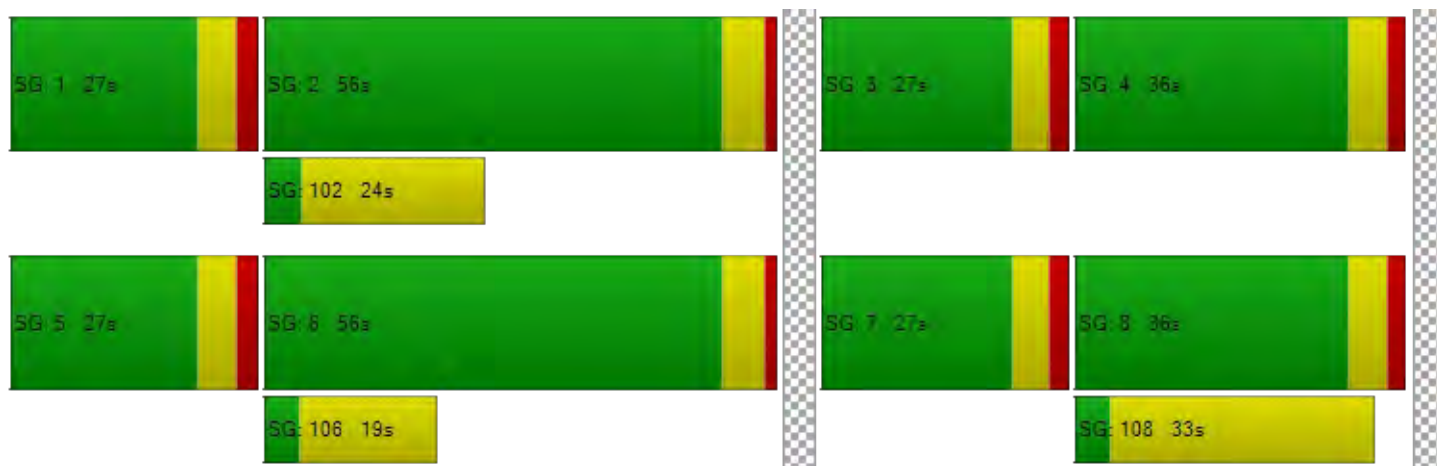
d_M, Delay for Movement [s/veh]	40.4	22.5	22.5	39.8	35.5	35.5	40.0	32.2	22.2	39.3	28.0	21.6
Movement LOS	D	C	C	D	D	D	D	C	C	D	C	C
d_A, Approach Delay [s/veh]	32.96			35.96			31.56			29.46		
Approach LOS	C			D			C			C		
d_I, Intersection Delay [s/veh]	32.18											
Intersection LOS	C											
Intersection V/C	0.594											

Other Modes

g_Walk,mi, Effective Walk Time [s]	8.0	8.0	30.1	8.0
M_corner, Corner Circulation Area [ft ² /ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft ² /ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	33.64	33.64	16.65	33.64
I_p,int, Pedestrian LOS Score for Intersection	2.183	2.188	2.618	2.483
Crosswalk LOS	B	B	B	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	730	730	1217	1217
d_b, Bicycle Delay [s]	16.66	16.65	6.33	6.33
I_b,int, Bicycle LOS Score for Intersection	1.900	2.188	2.814	2.241
Bicycle LOS	A	B	C	B

Sequence

Ring 1	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-







Intersection Level Of Service Report
Intersection 2: A St/McCoy Ln

Control Type: Two-way stop
Analysis Method: HCM 6th Edition
Analysis Period: 15 minutes

Delay (sec / veh): 13.6
Level Of Service: B
Volume to Capacity (v/c): 0.025

Intersection Setup

Name	A St			A St						McCoy Ln		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	0	0	1	1	0	0	0	0	0	0	0	1
Entry Pocket Length [ft]	100.	100.	85.0	150.	100.	100.	100.	100.	100.	100.	100.	100.
No. of Lanes in Exit Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	700.	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	40.00			40.00			30.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			No		

Volumes

Name	A St			A St						McCoy Ln		
Base Volume Input [veh/h]	10	90	10	70	170	20	10	0	10	30	10	70
Base Volume Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles Percentage [%]	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	10	90	10	70	170	20	10	0	10	30	10	70
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Other Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Total 15-Minute Volume [veh/h]	3	24	3	19	46	5	3	0	3	8	3	19
Total Analysis Volume [veh/h]	11	98	11	76	185	22	11	0	11	33	11	76
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Priority Scheme	Free	Free	Stop	Stop
Flared Lane			No	No
Storage Area [veh]	0	0	0	0
Two-Stage Gap Acceptance			No	No
Number of Storage Spaces in Median	0	0	0	0

Movement, Approach, & Intersection Results





V/C, Movement V/C Ratio	0.01	0.00	0.00	0.05	0.00	0.00	0.03	0.00	0.01	0.06	0.02	0.08
d_M, Delay for Movement [s/veh]	7.74	0.00	0.00	7.63	0.00	0.00	13.5	13.3	9.17	12.5	13.6	9.13
Movement LOS	A	A	A	A	A	A	B	B	A	B	B	A
95th-Percentile Queue Length [veh/ln]	0.03	0.01	0.00	0.17	0.00	0.00	0.12	0.12	0.12	0.21	0.34	0.34
95th-Percentile Queue Length [ft/ln]	0.63	0.31	0.00	4.16	0.00	0.00	2.91	2.91	2.91	5.14	8.50	8.50
d_A, Approach Delay [s/veh]	0.71			2.05			11.36			10.47		
Approach LOS	A			A			B			B		
d_I, Intersection Delay [s/veh]	3.99											
Intersection LOS	B											

Intersection Level Of Service Report

Intersection 3: Skyway Dr/Fairway Dr

Control Type:	Signalized	Delay (sec / veh):	21.2
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.521

Intersection Setup

Name	Skyway Dr			Skyway Dr						Fairway Dr		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	130.	100.	100.	145.	100.	100.	95.0	100.	100.	100.	100.	100.
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	55.00			55.00			40.00			40.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Skyway Dr			Skyway Dr						Fairway Dr		
Base Volume Input [veh/h]	180	590	20	110	730	210	110	20	150	10	10	50
Base Volume Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles Percentage [%]	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	180	590	20	110	730	210	110	20	150	10	10	50
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Other Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Total 15-Minute Volume [veh/h]	49	160	5	30	198	57	30	5	41	3	3	14
Total Analysis Volume [veh/h]	196	641	22	120	793	228	120	22	163	11	11	54
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major street [ped/h]	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [ped/h]	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor street [ped/h]	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [ped/h]	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Version 2023 (SP 0-3)

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	149
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Prot	Per	Per	Prot	Per	Per	Per	Per	Per	Per	Per	Per	Per
Signal Group	5	2	2	1	6	6	4	4	4	8	8	8	8
Auxiliary Signal Groups													
Lead / Lag	Lea	-	-	Lea	-	-	Lea	-	-	Lea	-	-	-
Minimum Green [s]	7	10	10	7	10	10	8	8	8	8	8	8	8
Maximum Green [s]	30	50	50	30	50	50	50	50	50	50	50	50	50
Amber [s]	4.8	5.5	5.5	4.8	5.5	5.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4
All red [s]	2.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Split [s]	37	57	57	37	57	57	56	56	56	56	56	56	56
Vehicle Extension [s]	2.0	4.0	4.0	2.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Walk [s]	0	7	7	0	7	7	7	7	7	7	7	7	7
Pedestrian Clearance [s]	0	19	19	0	17	17	26	26	26	26	26	26	26
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No				No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
I2, Clearance Lost Time [s]	4.8	4.5	4.5	4.8	4.5	4.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4
Minimum Recall	No	Yes		No	Yes			No				No	
Maximum Recall	No	No		No	No			No				No	
Pedestrian Recall	No	No		No	No			No				No	
Detector Location [ft]	100.	100.	100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.	100.	100.
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	L	C	C	L	C	L	C
C, Cycle Length [s]	65	65	65	65	65	65	65	65	65	65
L, Total Lost Time per Cycle [s]	6.80	6.50	6.50	6.80	6.50	6.50	5.40	5.40	5.40	5.40
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00	0.00
l2, Clearance Lost Time [s]	4.80	4.50	4.50	4.80	4.50	4.50	3.40	3.40	3.40	3.40
g_i, Effective Green Time [s]	9	27	27	6	24	24	13	13	13	13
g / C, Green / Cycle	0.14	0.41	0.41	0.10	0.37	0.37	0.20	0.20	0.20	0.20
(v / s)_i Volume / Saturation Flow Rate	0.11	0.18	0.18	0.07	0.29	0.29	0.09	0.12	0.01	0.04
s, saturation flow rate [veh/h]	173	182	180	173	182	168	1304	1579	1170	1592
c, Capacity [veh/h]	244	755	746	167	674	623	288	321	183	323
d1, Uniform Delay [s]	27.1	13.7	13.7	28.5	18.2	18.2	26.77	23.42	28.91	21.56
k, delay calibration	0.04	0.15	0.15	0.04	0.15	0.15	0.15	0.15	0.15	0.15
l, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	2.38	0.58	0.59	2.17	2.93	3.19	1.37	2.32	0.19	0.43
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.80	0.44	0.44	0.72	0.79	0.79	0.42	0.58	0.06	0.20
d, Delay for Lane Group [s/veh]	29.5	14.2	14.2	30.7	21.1	21.4	28.14	25.74	29.10	21.99
Lane Group LOS	C	B	B	C	C	C	C	C	C	C
Critical Lane Group	Yes	No	No	No	No	Yes	No	Yes	No	No
50th-Percentile Queue Length [veh/ln]	2.71	2.82	2.79	1.69	6.07	5.67	1.73	2.52	0.16	0.79
50th-Percentile Queue Length [ft/ln]	67.7	70.4	69.6	42.2	151.	141.	43.24	63.03	4.02	19.68
95th-Percentile Queue Length [veh/ln]	4.88	5.07	5.01	3.04	10.1	9.58	3.11	4.54	0.29	1.42
95th-Percentile Queue Length [ft/ln]	122.	126.	125.	76.0	252.	239.	77.83	113.45	7.23	35.42

Movement, Approach, & Intersection Results

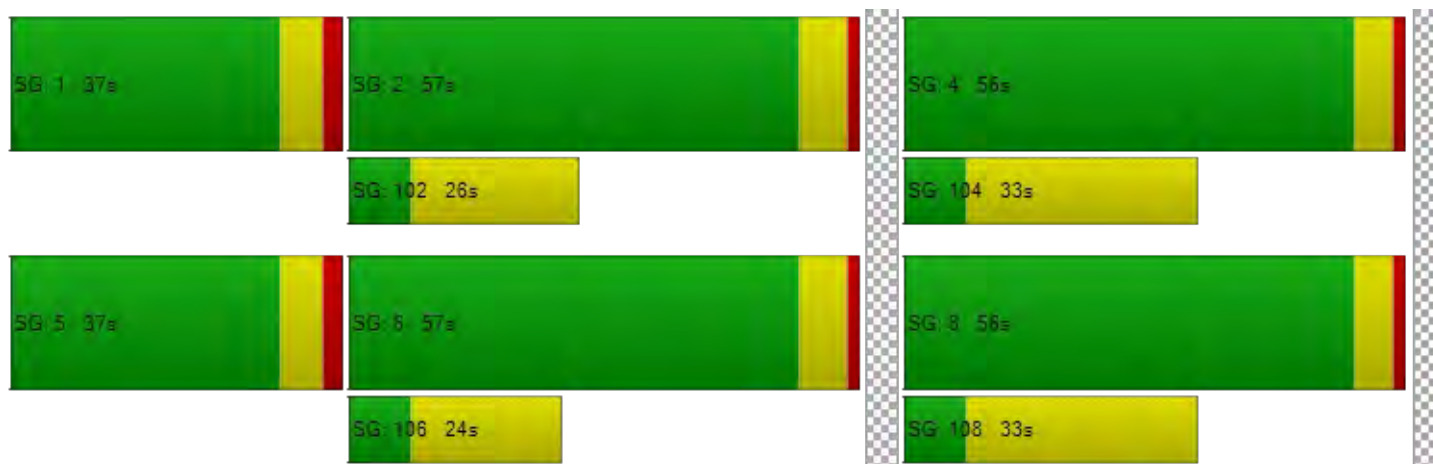
d_M, Delay for Movement [s/veh]	29.5	14.2	14.2	30.7	21.2	21.4	28.1	25.7	25.7	29.1	21.9	21.9
Movement LOS	C	B	B	C	C	C	C	C	C	C	C	C
d_A, Approach Delay [s/veh]	17.76			22.30			26.68			23.02		
Approach LOS	B			C			C			C		
d_I, Intersection Delay [s/veh]	21.25											
Intersection LOS	C											
Intersection V/C	0.521											

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0			11.0			11.0			11.0		
M_corner, Corner Circulation Area [ft ² /ped]	0.00			0.00			0.00			0.00		
M_CW, Crosswalk Circulation Area [ft ² /ped]	0.00			0.00			0.00			0.00		
d_p, Pedestrian Delay [s]	22.48			22.48			22.48			22.48		
I_p,int, Pedestrian LOS Score for Intersection	2.950			3.188			2.243			2.026		
Crosswalk LOS	C			C			B			B		
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000			2000			2000			2000		
c_b, Capacity of the bicycle lane [bicycles/h]	1551			1551			1554			1554		
d_b, Bicycle Delay [s]	1.64			1.64			1.62			1.62		
I_b,int, Bicycle LOS Score for Intersection	2.268			2.501			2.063			1.685		
Bicycle LOS	B			B			B			A		

Sequence

Ring 1	1	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Santa Maria A Street Industrial

Vistro File: G:\...\2023_06_Base Scenario.vistro

Scenario 5 CM AM

Report File: G:\...\2023_08 CM AM (updated timings).pdf

8/14/2023

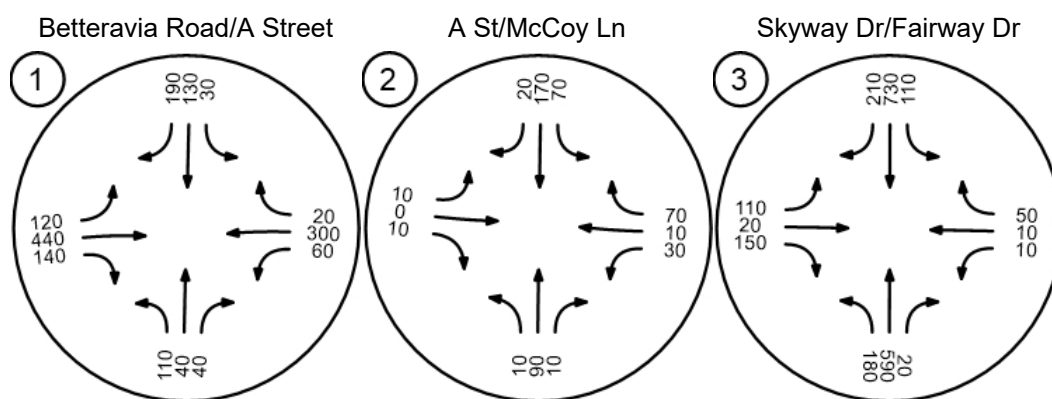
Turning Movement Volume: Summary

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
1	Betteravia Road/A Street	110	40	40	30	130	190	120	440	140	60	300	20	1620

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
2	A St/McCoy Ln	10	90	10	70	170	20	10	0	10	30	10	70	500

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
3	Skyway Dr/Fairway Dr	180	590	20	110	730	210	110	20	150	10	10	50	2190

Traffic Volume - Base Volume



Santa Maria A Street Industrial

Vistro File: G:\...\2023_06_Base Scenario.vistro

Scenario 6 CM PM

Report File: G:\...\2023_08 CM PM (updated timings).pdf

8/14/2023

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Betteravia Road/A Street	Signalized	HCM 6th Edition	EB Left	0.717	50.4	D
2	A St/McCoy Ln	Two-way stop	HCM 6th Edition	EB Left	0.030	15.4	C
3	Skyway Dr/Fairway Dr	Signalized	HCM 6th Edition	NB Left	0.462	25.2	C





V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report

Intersection 1: Betteravia Road/A Street

Control Type:	Signalized	Delay (sec / veh):	50.4
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.717

Intersection Setup

Name	A St			A St			Betteravia Rd			Betteravia Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	1	1	0	1
Entry Pocket Length [ft]	120.	100.	100.	105.	100.	100.	150.	100.	25.0	250.	100.	460.
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	40.00			40.00			45.00			45.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	Yes			Yes			Yes			Yes		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	A St			A St			Betteravia Rd			Betteravia Rd		
Base Volume Input [veh/h]	150	110	50	40	60	210	290	650	160	50	430	30
Base Volume Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles Percentage [%]	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	150	110	50	40	60	210	290	650	160	50	430	30
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Other Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Total 15-Minute Volume [veh/h]	40	29	13	11	16	56	77	173	43	13	114	8
Total Analysis Volume [veh/h]	160	117	53	43	64	223	309	691	170	53	457	32
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major street [ped/h]	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [ped/h]	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor street [ped/h]	0			0			1			1		
v_ci, Inbound Pedestrian Volume crossing minor street [ped/h]	1			1			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			1			0		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	145
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Prot	Per	Per	Prot	Per	Per	Prot	Per	Per	Prot	Per	Per
Signal Group	3	8	8	7	4	4	5	2	2	1	6	6
Auxiliary Signal Groups												
Lead / Lag	Lea	-	-	Lea	-	-	Lea	-	-	Lea	-	-
Minimum Green [s]	7	8	8	7	8	8	7	10	10	7	10	10
Maximum Green [s]	20	30	30	20	30	30	20	50	50	20	50	50
Amber [s]	4.1	4.4	4.4	4.1	4.4	4.4	4.4	4.8	4.8	4.4	4.8	4.8
All red [s]	2.0	1.5	1.5	2.0	1.5	1.5	2.0	1.0	1.0	2.0	1.0	1.0
Split [s]	27	36	36	27	36	36	27	56	56	27	56	56
Vehicle Extension [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	2.0	4.0	4.0
Walk [s]	0	4	4	0	0	0	0	4	4	0	4	4
Pedestrian Clearance [s]	0	29	29	0	0	0	0	20	20	0	15	15
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
I2, Clearance Lost Time [s]	4.1	3.9	3.9	4.1	3.9	3.9	4.4	3.8	3.8	4.4	3.8	3.8
Minimum Recall	No	No		No	No		No	Yes		No	Yes	
Maximum Recall	No	No		No	No		No	No		No	No	
Pedestrian Recall	No	No		No	No		No	No		No	No	
Detector Location [ft]	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	L	C	L	C	R	L	C	R
C, Cycle Length [s]	110	110	110	110	110	110	110	110	110	110
L, Total Lost Time per Cycle [s]	6.10	5.90	6.10	5.90	6.40	5.80	5.80	6.40	5.80	5.80
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	4.10	3.90	4.10	3.90	4.40	3.80	3.80	4.40	3.80	3.80
g_i, Effective Green Time [s]	12	29	5	22	20	46	46	6	31	31
g / C, Green / Cycle	0.11	0.27	0.05	0.20	0.18	0.42	0.42	0.05	0.28	0.28
(v / s)_i Volume / Saturation Flow Rate	0.09	0.10	0.03	0.18	0.18	0.39	0.11	0.03	0.26	0.02
s, saturation flow rate [veh/h]	1695	1687	1695	1565	169	178	148	169	178	151
c, Capacity [veh/h]	189	448	79	314	309	740	616	87	507	430
d1, Uniform Delay [s]	47.84	32.92	51.15	42.91	44.8	30.5	21.0	50.9	37.7	28.6
k, delay calibration	0.04	0.04	0.04	0.13	0.33	0.36	0.15	0.04	0.17	0.15
l, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	4.02	0.20	2.14	11.69	41.8	15.8	0.34	2.56	9.12	0.10
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.85	0.38	0.54	0.91	1.00	0.93	0.28	0.61	0.90	0.07
d, Delay for Lane Group [s/veh]	51.85	33.12	53.29	54.60	86.7	46.4	21.4	53.5	46.8	28.7
Lane Group LOS	D	C	D	D	F	D	C	D	D	C
Critical Lane Group	Yes	No	No	Yes	Yes	No	No	No	Yes	No
50th-Percentile Queue Length [veh/ln]	4.40	3.62	1.18	8.40	11.6	19.3	2.78	1.45	12.4	0.61
50th-Percentile Queue Length [ft/ln]	110.00	90.55	29.50	209.95	291.	482.	69.4	36.1	311.	15.1
95th-Percentile Queue Length [veh/ln]	7.84	6.52	2.12	13.15	17.2	26.5	5.00	2.60	18.2	1.09
95th-Percentile Queue Length [ft/ln]	196.00	162.99	53.09	328.77	431.	662.	125.	65.0	456.	27.3

Movement, Approach, & Intersection Results

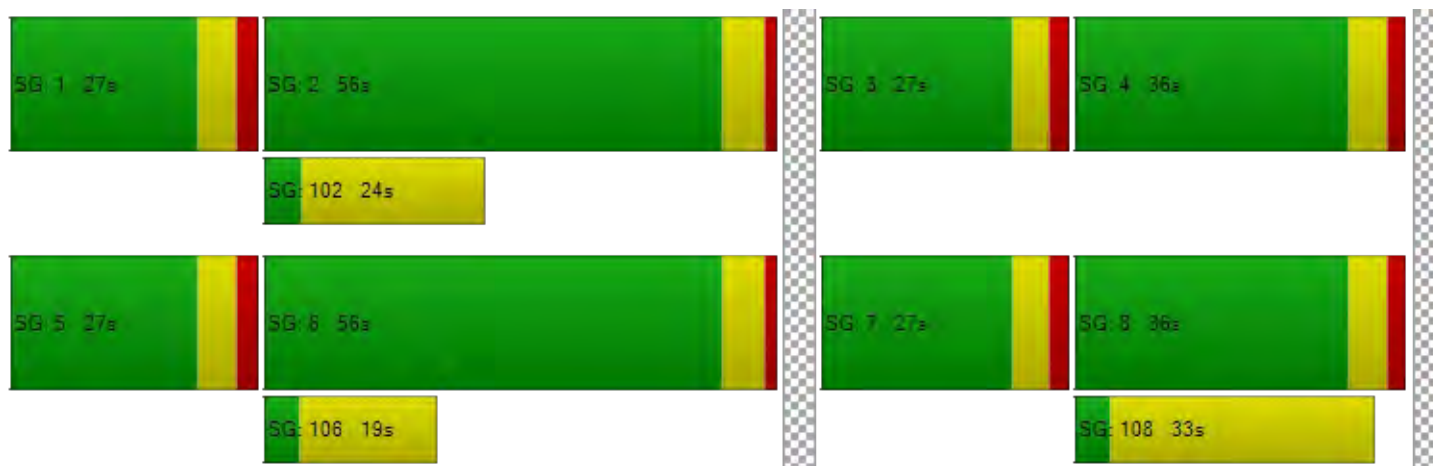
d_M, Delay for Movement [s/veh]	51.8	33.1	33.1	53.2	54.6	54.6	86.7	46.4	21.4	53.5	46.8	28.7
Movement LOS	D	C	C	D	D	D	F	D	C	D	D	C
d_A, Approach Delay [s/veh]	42.20			54.43			53.43			46.44		
Approach LOS	D			D			D			D		
d_I, Intersection Delay [s/veh]	50.41											
Intersection LOS	D											
Intersection V/C	0.717											

Other Modes

g_Walk,mi, Effective Walk Time [s]	8.0	8.0	30.1	8.0
M_corner, Corner Circulation Area [ft ² /ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft ² /ped]	1578.72	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	47.08	47.08	28.82	47.08
I_p,int, Pedestrian LOS Score for Intersection	2.219	2.293	2.858	2.629
Crosswalk LOS	B	B	C	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	549	549	916	916
d_b, Bicycle Delay [s]	28.82	28.82	16.09	16.08
I_b,int, Bicycle LOS Score for Intersection	2.104	2.104	3.490	2.454
Bicycle LOS	B	B	C	B

Sequence

Ring 1	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-







Intersection Level Of Service Report
Intersection 2: A St/McCoy Ln

Control Type: Two-way stop
Analysis Method: HCM 6th Edition
Analysis Period: 15 minutes

Delay (sec / veh): 15.4
Level Of Service: C
Volume to Capacity (v/c): 0.030

Intersection Setup

Name	A St			A St						McCoy Ln		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	0	0	1	1	0	0	0	0	0	0	0	1
Entry Pocket Length [ft]	100.	100.	85.0	150.	100.	100.	100.	100.	100.	100.	100.	100.
No. of Lanes in Exit Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	700.	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	40.00			40.00			30.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			No		

Volumes

Name	A St			A St						McCoy Ln		
Base Volume Input [veh/h]	10	110	20	110	130	10	10	10	10	20	10	110
Base Volume Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles Percentage [%]	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	10	110	20	110	130	10	10	10	10	20	10	110
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Other Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Total 15-Minute Volume [veh/h]	3	30	5	30	35	3	3	3	3	5	3	30
Total Analysis Volume [veh/h]	11	120	22	120	141	11	11	11	11	22	11	120
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Priority Scheme	Free	Free	Stop	Stop
Flared Lane			No	No
Storage Area [veh]	0	0	0	0
Two-Stage Gap Acceptance			No	No
Number of Storage Spaces in Median	0	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.01	0.00	0.00	0.09	0.00	0.00	0.03	0.03	0.01	0.05	0.03	0.13
d_M, Delay for Movement [s/veh]	7.62	0.00	0.00	7.82	0.00	0.00	15.4	14.8	9.36	14.2	14.9	9.52
Movement LOS	A	A	A	A	A	A	C	B	A	B	B	A
95th-Percentile Queue Length [veh/ln]	0.02	0.01	0.00	0.28	0.00	0.00	0.22	0.22	0.22	0.17	0.54	0.54
95th-Percentile Queue Length [ft/ln]	0.60	0.30	0.00	7.04	0.00	0.00	5.62	5.62	5.62	4.21	13.5	13.5
d_A, Approach Delay [s/veh]	0.55			3.45			13.21			10.59		
Approach LOS	A			A			B			B		
d_I, Intersection Delay [s/veh]	5.04											
Intersection LOS	C											

Intersection Level Of Service Report

Intersection 3: Skyway Dr/Fairway Dr

Control Type:	Signalized	Delay (sec / veh):	25.2
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.462

Intersection Setup

Name	Skyway Dr			Skyway Dr						Fairway Dr		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration	↵↵↵			↵↵↵			↵↵			↵↵		
Turning Movement	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	130.	100.	100.	145.	100.	100.	95.0	100.	100.	100.	100.	100.
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	55.00			55.00			40.00			40.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Skyway Dr			Skyway Dr						Fairway Dr		
Base Volume Input [veh/h]	110	800	10	50	670	90	160	20	150	30	20	220
Base Volume Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles Percentage [%]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	110	800	10	50	670	90	160	20	150	30	20	220
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Other Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Total 15-Minute Volume [veh/h]	30	217	3	14	182	24	43	5	41	8	5	60
Total Analysis Volume [veh/h]	120	870	11	54	728	98	174	22	163	33	22	239
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major street [ped/h]	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [ped/h]	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor street [ped/h]	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [ped/h]	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	149
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Prot	Per	Per	Prot	Per	Per	Per	Per	Per	Per	Per	Per	Per
Signal Group	5	2	2	1	6	6	4	4	4	8	8	8	8
Auxiliary Signal Groups													
Lead / Lag	Lea	-	-	Lea	-	-	Lea	-	-	Lea	-	-	-
Minimum Green [s]	7	10	10	7	10	10	8	8	8	8	8	8	8
Maximum Green [s]	30	50	50	30	50	50	50	50	50	50	50	50	50
Amber [s]	4.8	5.5	5.5	4.8	5.5	5.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4
All red [s]	2.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Split [s]	37	57	57	37	57	57	56	56	56	56	56	56	56
Vehicle Extension [s]	2.0	4.0	4.0	2.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Walk [s]	0	7	7	0	7	7	7	7	7	7	7	7	7
Pedestrian Clearance [s]	0	19	19	0	17	17	26	26	26	26	26	26	26
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No				No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
I2, Clearance Lost Time [s]	4.8	4.5	4.5	4.8	4.5	4.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4
Minimum Recall	No	Yes		No	Yes			No				No	
Maximum Recall	No	No		No	No			No				No	
Pedestrian Recall	No	No		No	No			No				No	
Detector Location [ft]	100.	100.	100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.	100.	100.
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	L	C	C	L	C	L	C
C, Cycle Length [s]	72	72	72	72	72	72	72	72	72	72
L, Total Lost Time per Cycle [s]	6.80	6.50	6.50	6.80	6.50	6.50	5.40	5.40	5.40	5.40
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00	0.00
l2, Clearance Lost Time [s]	4.80	4.50	4.50	4.80	4.50	4.50	3.40	3.40	3.40	3.40
g_i, Effective Green Time [s]	6	23	23	5	21	21	26	26	26	26
g / C, Green / Cycle	0.09	0.32	0.32	0.06	0.29	0.29	0.36	0.36	0.36	0.36
(v / s)_i Volume / Saturation Flow Rate	0.07	0.24	0.24	0.03	0.23	0.23	0.16	0.12	0.03	0.16
s, saturation flow rate [veh/h]	175	184	183	175	184	176	1100	1592	1179	1584
c, Capacity [veh/h]	156	584	581	114	539	517	324	569	391	566
d1, Uniform Delay [s]	31.9	22.0	22.0	32.4	23.2	23.2	27.08	16.78	20.99	17.76
k, delay calibration	0.04	0.15	0.15	0.04	0.15	0.15	0.15	0.15	0.15	0.15
l, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	2.95	2.87	2.88	1.14	3.56	3.71	1.97	0.47	0.13	0.83
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.77	0.76	0.76	0.47	0.78	0.78	0.54	0.33	0.08	0.46
d, Delay for Lane Group [s/veh]	34.9	24.8	24.9	33.5	26.8	27.0	29.05	17.25	21.12	18.59
Lane Group LOS	C	C	C	C	C	C	C	B	C	B
Critical Lane Group	Yes	No	No	No	No	Yes	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	1.95	6.03	6.01	0.85	6.04	5.82	2.77	2.05	0.41	3.08
50th-Percentile Queue Length [ft/ln]	48.6	150.	150.	21.2	150.	145.	69.16	51.31	10.26	77.12
95th-Percentile Queue Length [veh/ln]	3.50	10.0	10.0	1.53	10.0	9.77	4.98	3.69	0.74	5.55
95th-Percentile Queue Length [ft/ln]	87.5	251.	250.	38.2	251.	244.	124.49	92.36	18.47	138.81

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	34.9	24.8	24.9	33.5	26.9	27.0	29.0	17.2	17.2	21.1	18.5	18.5
Movement LOS	C	C	C	C	C	C	C	B	B	C	B	B
d_A, Approach Delay [s/veh]	26.09			27.33			22.97			18.88		
Approach LOS	C			C			C			B		
d_I, Intersection Delay [s/veh]	25.24											
Intersection LOS	C											
Intersection V/C	0.462											

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0	11.0
M_corner, Corner Circulation Area [ft ² /ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft ² /ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	25.68	25.68	25.68	25.68
I_p,int, Pedestrian LOS Score for Intersection	3.022	3.332	2.187	2.093
Crosswalk LOS	C	C	B	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	1409	1409	1412	1412
d_b, Bicycle Delay [s]	3.13	3.13	3.10	3.10
I_b,int, Bicycle LOS Score for Intersection	2.385	2.286	2.152	2.045
Bicycle LOS	B	B	B	B

Sequence

Ring 1	1	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Santa Maria A Street Industrial

Vistro File: G:\...\2023_06_Base Scenario.vistro

Scenario 6 CM PM

Report File: G:\...\2023_08 CM PM (updated timings).pdf

8/14/2023

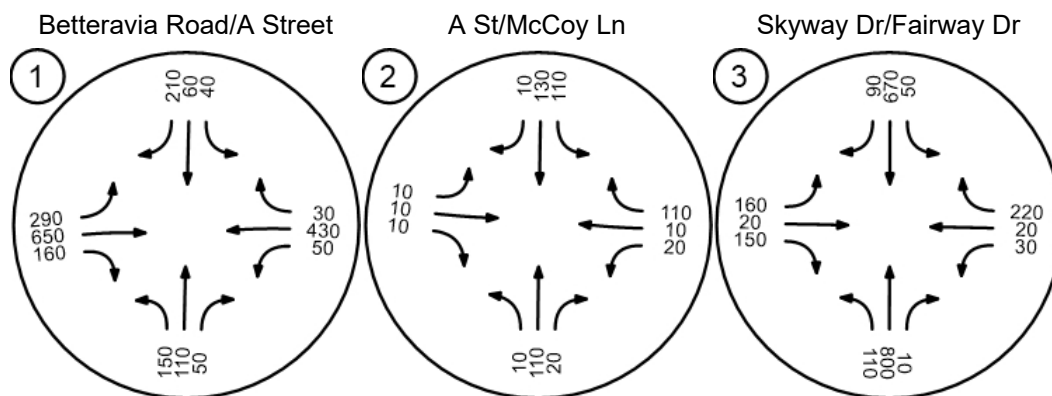
Turning Movement Volume: Summary

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
1	Betteravia Road/A Street	150	110	50	40	60	210	290	650	160	50	430	30	2230

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
2	A St/McCoy Ln	10	110	20	110	130	10	10	10	10	20	10	110	560

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
3	Skyway Dr/Fairway Dr	110	800	10	50	670	90	160	20	150	30	20	220	2330

Traffic Volume - Base Volume



Santa Maria A Street Industrial

Vistro File: G:\...\2023_06_Base Scenario.vistro

Scenario 7 CM +P AM

Report File: G:\...\2023_08 CM+P AM (updated timings).pdf

8/14/2023

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Betteravia Road/A Street	Signalized	HCM 6th Edition	NB Left	0.610	33.3	C
2	A St/McCoy Ln	Two-way stop	HCM 6th Edition	WB Thru	0.026	14.1	B
3	Skyway Dr/Fairway Dr	Signalized	HCM 6th Edition	SB Left	0.535	21.9	C





V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report

Intersection 1: Betteravia Road/A Street

Control Type:	Signalized	Delay (sec / veh):	33.3
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.610

Intersection Setup

Name	A St			A St			Betteravia Rd			Betteravia Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	1	1	0	1
Entry Pocket Length [ft]	120.	100.	100.	105.	100.	100.	150.	100.	25.0	250.	100.	460.
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	40.00			40.00			45.00			45.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	Yes			Yes			Yes			Yes		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	A St			A St			Betteravia Rd			Betteravia Rd		
Base Volume Input [veh/h]	113	41	46	30	133	190	120	440	148	79	300	20
Base Volume Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles Percentage [%]	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	113	41	46	30	133	190	120	440	148	79	300	20
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Other Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Total 15-Minute Volume [veh/h]	31	11	13	8	36	52	33	120	40	21	82	5
Total Analysis Volume [veh/h]	123	45	50	33	145	207	130	478	161	86	326	22
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major street [ped/h]	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [ped/h]	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor street [ped/h]	0			0			1			1		
v_ci, Inbound Pedestrian Volume crossing minor street [ped/h]	1			1			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			1			0		

Version 2023 (SP 0-3)

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	145
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Prot	Per	Per	Prot	Per	Per	Prot	Per	Per	Prot	Per	Per
Signal Group	3	8	8	7	4	4	5	2	2	1	6	6
Auxiliary Signal Groups												
Lead / Lag	Lea	-	-	Lea	-	-	Lea	-	-	Lea	-	-
Minimum Green [s]	7	8	8	7	8	8	7	10	10	7	10	10
Maximum Green [s]	20	30	30	20	30	30	20	50	50	20	50	50
Amber [s]	4.1	4.4	4.4	4.1	4.4	4.4	4.4	4.8	4.8	4.4	4.8	4.8
All red [s]	2.0	1.5	1.5	2.0	1.5	1.5	2.0	1.0	1.0	2.0	1.0	1.0
Split [s]	27	36	36	27	36	36	27	56	56	27	56	56
Vehicle Extension [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	2.0	4.0	4.0
Walk [s]	0	4	4	0	0	0	0	4	4	0	4	4
Pedestrian Clearance [s]	0	29	29	0	0	0	0	20	20	0	15	15
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
I2, Clearance Lost Time [s]	4.1	3.9	3.9	4.1	3.9	3.9	4.4	3.8	3.8	4.4	3.8	3.8
Minimum Recall	No	No		No	No		No	Yes		No	Yes	
Maximum Recall	No	No		No	No		No	No		No	No	
Pedestrian Recall	No	No		No	No		No	No		No	No	
Detector Location [ft]	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	L	C	L	C	R	L	C	R
C, Cycle Length [s]	85	85	85	85	85	85	85	85	85	85
L, Total Lost Time per Cycle [s]	6.10	5.90	6.10	5.90	6.40	5.80	5.80	6.40	5.80	5.80
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	4.10	3.90	4.10	3.90	4.40	3.80	3.80	4.40	3.80	3.80
g_i, Effective Green Time [s]	8	24	4	20	8	26	26	6	24	24
g / C, Green / Cycle	0.09	0.29	0.04	0.24	0.10	0.31	0.31	0.07	0.29	0.29
(v / s)_i Volume / Saturation Flow Rate	0.07	0.06	0.02	0.22	0.08	0.27	0.11	0.05	0.18	0.01
s, saturation flow rate [veh/h]	1695	1629	1695	1613	169	178	147	169	178	151
c, Capacity [veh/h]	154	467	76	388	162	556	461	122	513	435
d1, Uniform Delay [s]	37.91	22.97	39.59	31.37	37.6	27.5	22.5	38.6	26.4	21.8
k, delay calibration	0.04	0.04	0.04	0.08	0.04	0.15	0.15	0.04	0.15	0.15
l, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	3.54	0.08	1.45	6.55	3.46	5.64	0.64	2.82	1.86	0.07
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.80	0.20	0.43	0.91	0.80	0.86	0.35	0.71	0.64	0.05
d, Delay for Lane Group [s/veh]	41.45	23.05	41.04	37.93	41.1	33.1	23.1	41.4	28.2	21.9
Lane Group LOS	D	C	D	D	D	C	C	D	C	C
Critical Lane Group	Yes	No	No	Yes	No	Yes	No	Yes	No	No
50th-Percentile Queue Length [veh/ln]	2.55	1.37	0.68	7.27	2.66	9.15	2.36	1.76	5.54	0.30
50th-Percentile Queue Length [ft/ln]	63.82	34.28	16.91	181.76	66.4	228.	59.1	43.8	138.	7.59
95th-Percentile Queue Length [veh/ln]	4.60	2.47	1.22	11.69	4.78	14.1	4.26	3.16	9.41	0.55
95th-Percentile Queue Length [ft/ln]	114.88	61.70	30.45	292.31	119.	352.	106.	79.0	235.	13.6

Movement, Approach, & Intersection Results

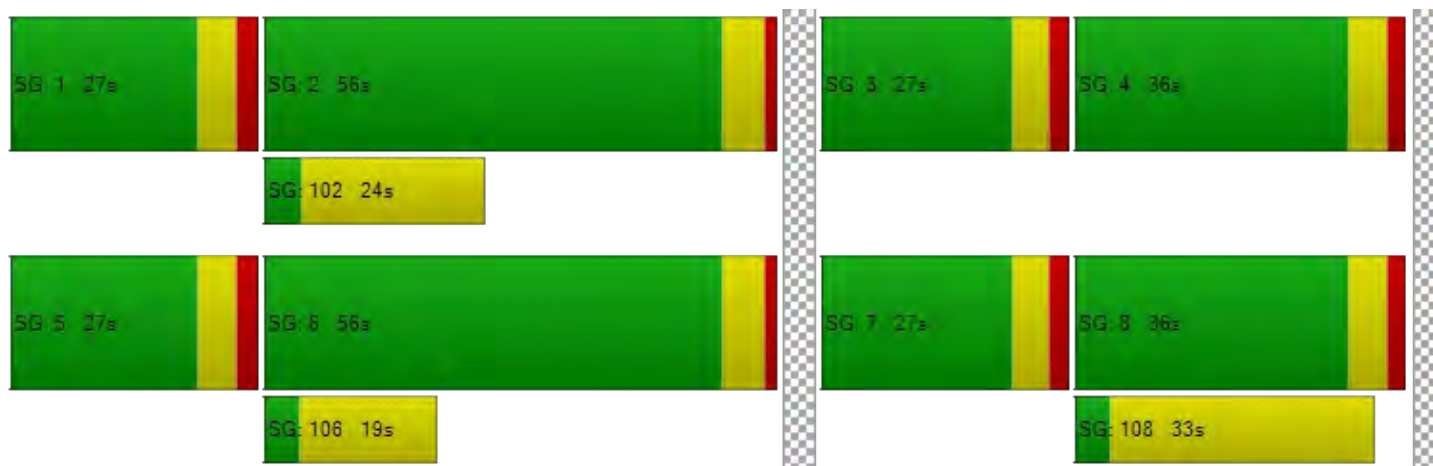
d_M, Delay for Movement [s/veh]	41.4	23.0	23.0	41.0	37.9	37.9	41.1	33.1	23.1	41.4	28.2	21.9
Movement LOS	D	C	C	D	D	D	D	C	C	D	C	C
d_A, Approach Delay [s/veh]	33.43			38.20			32.42			30.56		
Approach LOS	C			D			C			C		
d_I, Intersection Delay [s/veh]	33.33											
Intersection LOS	C											
Intersection V/C	0.610											

Other Modes

g_Walk,mi, Effective Walk Time [s]	8.0	8.0	30.1	8.0
M_corner, Corner Circulation Area [ft ² /ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft ² /ped]	3421.52	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	34.83	34.83	17.69	34.83
I_p,int, Pedestrian LOS Score for Intersection	2.204	2.192	2.625	2.495
Crosswalk LOS	B	B	B	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	709	709	1182	1182
d_b, Bicycle Delay [s]	17.69	17.69	7.10	7.10
I_b,int, Bicycle LOS Score for Intersection	1.919	2.195	2.828	2.276
Bicycle LOS	A	B	C	B

Sequence

Ring 1	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report

Intersection 2: A St/McCoy Ln

Control Type: Two-way stop
 Analysis Method: HCM 6th Edition
 Analysis Period: 15 minutes

Delay (sec / veh): 14.1
 Level Of Service: B
 Volume to Capacity (v/c): 0.026

Intersection Setup

Name	A St			A St						McCoy Ln		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	0	0	1	1	0	0	0	0	0	0	0	1
Entry Pocket Length [ft]	100.	100.	85.0	150.	100.	100.	100.	100.	100.	100.	100.	100.
No. of Lanes in Exit Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	700.	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	40.00			40.00			30.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			No		

Volumes

Name	A St			A St						McCoy Ln		
Base Volume Input [veh/h]	10	99	11	70	200	20	10	0	10	33	10	70
Base Volume Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles Percentage [%]	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	10	99	11	70	200	20	10	0	10	33	10	70
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Other Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Total 15-Minute Volume [veh/h]	3	27	3	19	54	5	3	0	3	9	3	19
Total Analysis Volume [veh/h]	11	108	12	76	217	22	11	0	11	36	11	76
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Priority Scheme	Free	Free	Stop	Stop
Flared Lane			No	No
Storage Area [veh]	0	0	0	0
Two-Stage Gap Acceptance			No	No
Number of Storage Spaces in Median	0	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.01	0.00	0.00	0.05	0.00	0.00	0.03	0.00	0.01	0.07	0.03	0.08
d_M, Delay for Movement [s/veh]	7.82	0.00	0.00	7.66	0.00	0.00	14.1	13.8	9.29	12.9	14.1	9.19
Movement LOS	A	A	A	A	A	A	B	B	A	B	B	A
95th-Percentile Queue Length [veh/ln]	0.03	0.01	0.00	0.17	0.00	0.00	0.12	0.12	0.12	0.24	0.35	0.35
95th-Percentile Queue Length [ft/ln]	0.65	0.32	0.00	4.21	0.00	0.00	3.07	3.07	3.07	5.92	8.69	8.69
d_A, Approach Delay [s/veh]	0.66			1.85			11.71			10.72		
Approach LOS	A			A			B			B		
d_I, Intersection Delay [s/veh]	3.80											
Intersection LOS	B											





Intersection Level Of Service Report

Intersection 3: Skyway Dr/Fairway Dr

Control Type: Signalized
 Analysis Method: HCM 6th Edition
 Analysis Period: 15 minutes

Delay (sec / veh): 21.9
 Level Of Service: C
 Volume to Capacity (v/c): 0.535

Intersection Setup

Name	Skyway Dr			Skyway Dr						Fairway Dr		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	130.	100.	100.	145.	100.	100.	95.0	100.	100.	100.	100.	100.
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	55.00			55.00			40.00			40.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Skyway Dr			Skyway Dr						Fairway Dr		
Base Volume Input [veh/h]	194	590	20	110	730	218	113	20	154	10	10	50
Base Volume Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles Percentage [%]	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	194	590	20	110	730	218	113	20	154	10	10	50
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Other Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Total 15-Minute Volume [veh/h]	53	160	5	30	198	59	31	5	42	3	3	14
Total Analysis Volume [veh/h]	211	641	22	120	793	237	123	22	167	11	11	54
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major street [ped/h]	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [ped/h]	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor street [ped/h]	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [ped/h]	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Version 2023 (SP 0-3)

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	149
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Prot	Per	Per	Prot	Per	Per	Per	Per	Per	Per	Per	Per	Per
Signal Group	5	2	2	1	6	6	4	4	4	8	8	8	8
Auxiliary Signal Groups													
Lead / Lag	Lea	-	-	Lea	-	-	Lea	-	-	Lea	-	-	-
Minimum Green [s]	7	10	10	7	10	10	8	8	8	8	8	8	8
Maximum Green [s]	30	50	50	30	50	50	50	50	50	50	50	50	50
Amber [s]	4.8	5.5	5.5	4.8	5.5	5.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4
All red [s]	2.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Split [s]	37	57	57	37	57	57	56	56	56	56	56	56	56
Vehicle Extension [s]	2.0	4.0	4.0	2.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Walk [s]	0	7	7	0	7	7	7	7	7	7	7	7	7
Pedestrian Clearance [s]	0	19	19	0	17	17	26	26	26	26	26	26	26
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No				No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
I2, Clearance Lost Time [s]	4.8	4.5	4.5	4.8	4.5	4.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4
Minimum Recall	No	Yes		No	Yes			No				No	
Maximum Recall	No	No		No	No			No				No	
Pedestrian Recall	No	No		No	No			No				No	
Detector Location [ft]	100.	100.	100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.	100.	100.
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	L	C	C	L	C	L	C
C, Cycle Length [s]	67	67	67	67	67	67	67	67	67	67
L, Total Lost Time per Cycle [s]	6.80	6.50	6.50	6.80	6.50	6.50	5.40	5.40	5.40	5.40
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00	0.00
l2, Clearance Lost Time [s]	4.80	4.50	4.50	4.80	4.50	4.50	3.40	3.40	3.40	3.40
g_i, Effective Green Time [s]	10	29	29	6	25	25	14	14	14	14
g / C, Green / Cycle	0.15	0.42	0.42	0.09	0.37	0.37	0.21	0.21	0.21	0.21
(v / s)_i Volume / Saturation Flow Rate	0.12	0.18	0.18	0.07	0.29	0.29	0.09	0.12	0.01	0.04
s, saturation flow rate [veh/h]	173	182	180	173	182	168	1304	1579	1165	1592
c, Capacity [veh/h]	257	774	765	162	674	622	289	324	182	326
d1, Uniform Delay [s]	27.8	13.6	13.6	29.7	18.9	18.9	27.53	24.18	29.78	22.19
k, delay calibration	0.04	0.15	0.15	0.04	0.15	0.15	0.15	0.15	0.15	0.15
l, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	2.48	0.54	0.55	2.47	3.07	3.36	1.42	2.38	0.20	0.42
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.82	0.43	0.43	0.74	0.79	0.80	0.43	0.58	0.06	0.20
d, Delay for Lane Group [s/veh]	30.3	14.2	14.2	32.2	22.0	22.3	28.95	26.56	29.98	22.62
Lane Group LOS	C	B	B	C	C	C	C	C	C	C
Critical Lane Group	Yes	No	No	No	No	Yes	No	Yes	No	No
50th-Percentile Queue Length [veh/ln]	3.04	2.87	2.84	1.78	6.46	6.03	1.84	2.69	0.17	0.82
50th-Percentile Queue Length [ft/ln]	75.9	71.8	71.0	44.4	161.	150.	46.11	67.17	4.18	20.47
95th-Percentile Queue Length [veh/ln]	5.47	5.17	5.11	3.20	10.6	10.0	3.32	4.84	0.30	1.47
95th-Percentile Queue Length [ft/ln]	136.	129.	127.	80.0	265.	251.	83.00	120.91	7.52	36.85

Movement, Approach, & Intersection Results

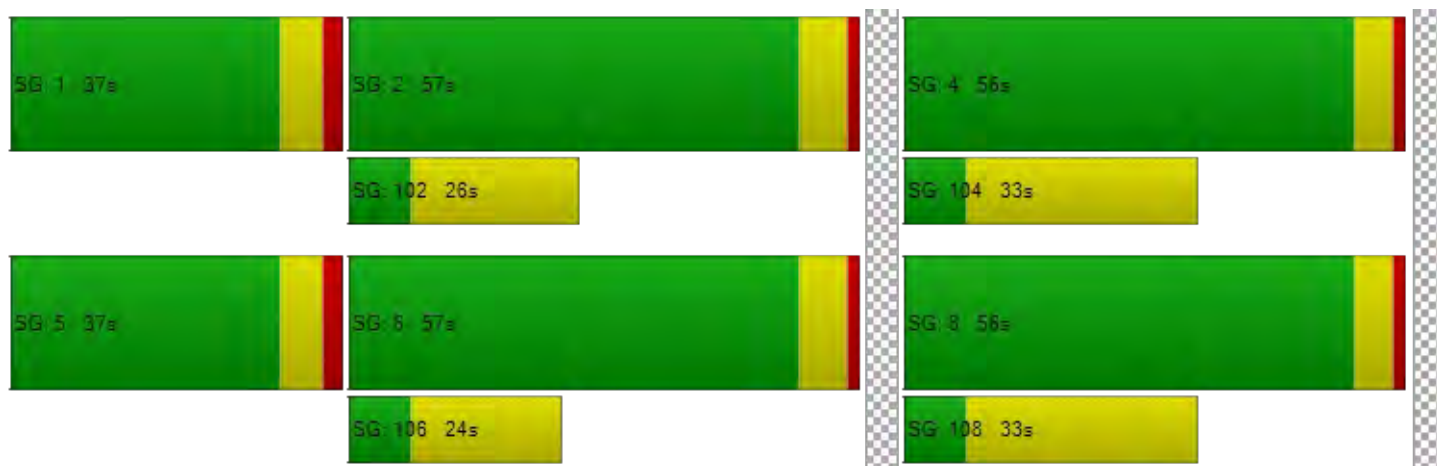
d_M, Delay for Movement [s/veh]	30.3	14.2	14.2	32.2	22.1	22.3	28.9	26.5	26.5	29.9	22.6	22.6
Movement LOS	C	B	B	C	C	C	C	C	C	C	C	C
d_A, Approach Delay [s/veh]	18.10			23.21			27.50			23.68		
Approach LOS	B			C			C			C		
d_I, Intersection Delay [s/veh]	21.93											
Intersection LOS	C											
Intersection V/C	0.535											

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0			11.0			11.0			11.0		
M_corner, Corner Circulation Area [ft ² /ped]	0.00			0.00			0.00			0.00		
M_CW, Crosswalk Circulation Area [ft ² /ped]	0.00			0.00			0.00			0.00		
d_p, Pedestrian Delay [s]	23.55			23.55			23.55			23.55		
I_p,int, Pedestrian LOS Score for Intersection	2.959			3.198			2.258			2.028		
Crosswalk LOS	C			C			B			B		
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000			2000			2000			2000		
c_b, Capacity of the bicycle lane [bicycles/h]	1500			1500			1503			1503		
d_b, Bicycle Delay [s]	2.10			2.10			2.07			2.07		
I_b,int, Bicycle LOS Score for Intersection	2.281			2.508			2.074			1.685		
Bicycle LOS	B			B			B			A		

Sequence

Ring 1	1	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Santa Maria A Street Industrial

Vistro File: G:\...\2023_06_Base Scenario.vistro

Scenario 7 CM +P AM

Report File: G:\...\2023_08 CM+P AM (updated timings).pdf

8/14/2023

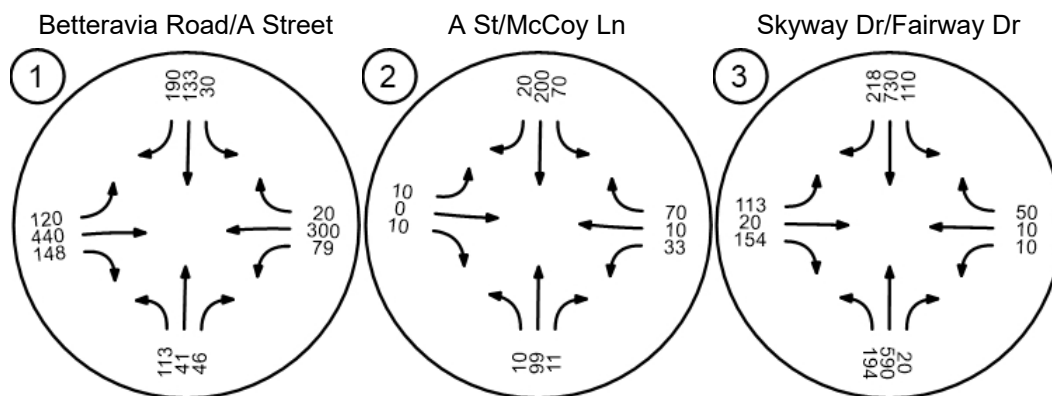
Turning Movement Volume: Summary

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
1	Betteravia Road/A Street	113	41	46	30	133	190	120	440	148	79	300	20	1660

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
2	A St/McCoy Ln	10	99	11	70	200	20	10	0	10	33	10	70	543

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
3	Skyway Dr/Fairway Dr	194	590	20	110	730	218	113	20	154	10	10	50	2219

Traffic Volume - Base Volume



Santa Maria A Street Industrial

Vistro File: G:\...\2023_06_Base Scenario.vistro

Scenario 8 CM +P PM

Report File: G:\...\2023_08 CM+P PM (updated timings).pdf

8/14/2023

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Betteravia Road/A Street	Signalized	HCM 6th Edition	EB Left	0.721	52.0	D
2	A St/McCoy Ln	Two-way stop	HCM 6th Edition	EB Left	0.032	16.0	C
3	Skyway Dr/Fairway Dr	Signalized	HCM 6th Edition	NB Left	0.467	25.8	C





V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report

Intersection 1: Betteravia Road/A Street

Control Type:	Signalized	Delay (sec / veh):	52.0
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.721

Intersection Setup

Name	A St			A St			Betteravia Rd			Betteravia Rd		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	1	1	0	1
Entry Pocket Length [ft]	120.	100.	100.	105.	100.	100.	150.	100.	25.0	250.	100.	460.
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	40.00			40.00			45.00			45.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	Yes			Yes			Yes			Yes		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	A St			A St			Betteravia Rd			Betteravia Rd		
Base Volume Input [veh/h]	157	112	67	40	61	210	290	650	163	58	430	30
Base Volume Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles Percentage [%]	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	157	112	67	40	61	210	290	650	163	58	430	30
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Other Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Total 15-Minute Volume [veh/h]	42	30	18	11	16	56	77	173	43	15	114	8
Total Analysis Volume [veh/h]	167	119	71	43	65	223	309	691	173	62	457	32
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major street [ped/h]	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [ped/h]	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor street [ped/h]	0			0			1			1		
v_ci, Inbound Pedestrian Volume crossing minor street [ped/h]	1			1			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			1			0		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	145
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Prot	Per	Per	Prot	Per	Per	Prot	Per	Per	Prot	Per	Per
Signal Group	3	8	8	7	4	4	5	2	2	1	6	6
Auxiliary Signal Groups												
Lead / Lag	Lea	-	-	Lea	-	-	Lea	-	-	Lea	-	-
Minimum Green [s]	7	8	8	7	8	8	7	10	10	7	10	10
Maximum Green [s]	20	30	30	20	30	30	20	50	50	20	50	50
Amber [s]	4.1	4.4	4.4	4.1	4.4	4.4	4.4	4.8	4.8	4.4	4.8	4.8
All red [s]	2.0	1.5	1.5	2.0	1.5	1.5	2.0	1.0	1.0	2.0	1.0	1.0
Split [s]	27	36	36	27	36	36	27	56	56	27	56	56
Vehicle Extension [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	2.0	4.0	4.0
Walk [s]	0	4	4	0	0	0	0	4	4	0	4	4
Pedestrian Clearance [s]	0	29	29	0	0	0	0	20	20	0	15	15
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
I2, Clearance Lost Time [s]	4.1	3.9	3.9	4.1	3.9	3.9	4.4	3.8	3.8	4.4	3.8	3.8
Minimum Recall	No	No		No	No		No	Yes		No	Yes	
Maximum Recall	No	No		No	No		No	No		No	No	
Pedestrian Recall	No	No		No	No		No	No		No	No	
Detector Location [ft]	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	L	C	L	C	R	L	C	R
C, Cycle Length [s]	111	111	111	111	111	111	111	111	111	111
L, Total Lost Time per Cycle [s]	6.10	5.90	6.10	5.90	6.40	5.80	5.80	6.40	5.80	5.80
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	4.10	3.90	4.10	3.90	4.40	3.80	3.80	4.40	3.80	3.80
g_i, Effective Green Time [s]	13	30	5	22	20	46	46	6	32	32
g / C, Green / Cycle	0.12	0.27	0.05	0.20	0.18	0.41	0.41	0.05	0.29	0.29
(v / s)_i Volume / Saturation Flow Rate	0.10	0.11	0.03	0.18	0.18	0.39	0.12	0.04	0.26	0.02
s, saturation flow rate [veh/h]	1695	1670	1695	1566	169	178	148	169	178	151
c, Capacity [veh/h]	195	451	79	315	304	735	611	91	511	433
d1, Uniform Delay [s]	48.36	33.51	51.97	43.58	45.7	31.3	21.6	51.7	38.0	28.9
k, delay calibration	0.04	0.04	0.04	0.14	0.35	0.36	0.15	0.04	0.18	0.15
l, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	4.09	0.23	2.20	12.64	46.8	17.1	0.36	3.31	8.86	0.10
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.85	0.42	0.55	0.92	1.02	0.94	0.28	0.68	0.89	0.07
d, Delay for Lane Group [s/veh]	52.45	33.74	54.17	56.22	92.5	48.5	22.0	55.0	46.9	29.0
Lane Group LOS	D	C	D	E	F	D	C	E	D	C
Critical Lane Group	Yes	No	No	Yes	Yes	No	No	No	Yes	No
50th-Percentile Queue Length [veh/ln]	4.67	4.15	1.20	8.64	12.0	19.9	2.91	1.74	12.6	0.62
50th-Percentile Queue Length [ft/ln]	116.72	103.81	30.02	216.07	300.	499.	72.7	43.4	315.	15.4
95th-Percentile Queue Length [veh/ln]	8.21	7.47	2.16	13.46	17.8	27.3	5.24	3.12	18.4	1.11
95th-Percentile Queue Length [ft/ln]	205.32	186.87	54.04	336.60	446.	682.	130.	78.1	461.	27.7

Movement, Approach, & Intersection Results

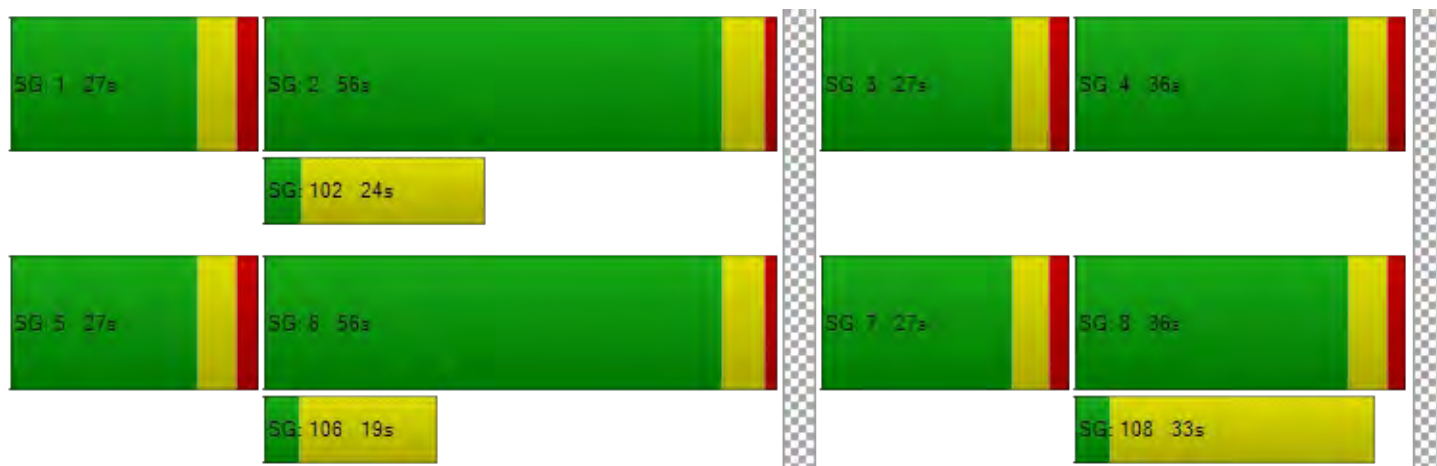
d_M, Delay for Movement [s/veh]	52.4	33.7	33.7	54.1	56.2	56.2	92.5	48.5	22.0	55.0	46.9	29.0
Movement LOS	D	C	C	D	E	E	F	D	C	E	D	C
d_A, Approach Delay [s/veh]	42.49			55.95			56.22			46.82		
Approach LOS	D			E			E			D		
d_I, Intersection Delay [s/veh]	52.00											
Intersection LOS	D											
Intersection V/C	0.721											

Other Modes

g_Walk,mi, Effective Walk Time [s]	8.0	8.0	30.1	8.0
M_corner, Corner Circulation Area [ft ² /ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft ² /ped]	1422.78	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	47.91	47.91	29.60	47.91
I_p,int, Pedestrian LOS Score for Intersection	2.237	2.295	2.863	2.639
Crosswalk LOS	B	B	C	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	541	541	902	902
d_b, Bicycle Delay [s]	29.60	29.60	16.76	16.75
I_b,int, Bicycle LOS Score for Intersection	2.149	2.106	3.495	2.469
Bicycle LOS	B	B	C	B

Sequence

Ring 1	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-







Intersection Level Of Service Report

Intersection 2: A St/McCoy Ln

Control Type: Two-way stop
 Analysis Method: HCM 6th Edition
 Analysis Period: 15 minutes

Delay (sec / veh): 16.0
 Level Of Service: C
 Volume to Capacity (v/c): 0.032

Intersection Setup

Name	A St			A St						McCoy Ln		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	0	0	1	1	0	0	0	0	0	0	0	1
Entry Pocket Length [ft]	100.	100.	85.0	150.	100.	100.	100.	100.	100.	100.	100.	100.
No. of Lanes in Exit Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	700.	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	40.00			40.00			30.00			35.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			No		

Volumes

Name	A St			A St						McCoy Ln		
Base Volume Input [veh/h]	10	136	22	110	142	10	10	10	10	21	10	110
Base Volume Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles Percentage [%]	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	10	136	22	110	142	10	10	10	10	21	10	110
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Other Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Total 15-Minute Volume [veh/h]	3	37	6	30	39	3	3	3	3	6	3	30
Total Analysis Volume [veh/h]	11	148	24	120	154	11	11	11	11	23	11	120
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Priority Scheme	Free	Free	Stop	Stop
Flared Lane			No	No
Storage Area [veh]	0	0	0	0
Two-Stage Gap Acceptance			No	No
Number of Storage Spaces in Median	0	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.01	0.00	0.00	0.09	0.00	0.00	0.03	0.03	0.01	0.06	0.03	0.13
d_M, Delay for Movement [s/veh]	7.65	0.00	0.00	7.90	0.00	0.00	16.0	15.4	9.46	14.8	15.5	9.66
Movement LOS	A	A	A	A	A	A	C	C	A	B	C	A
95th-Percentile Queue Length [veh/ln]	0.02	0.01	0.00	0.29	0.00	0.00	0.24	0.24	0.24	0.19	0.56	0.56
95th-Percentile Queue Length [ft/ln]	0.61	0.30	0.00	7.25	0.00	0.00	5.92	5.92	5.92	4.71	13.9	13.9
d_A, Approach Delay [s/veh]	0.46			3.33			13.65			10.86		
Approach LOS	A			A			B			B		
d_I, Intersection Delay [s/veh]	4.82											
Intersection LOS	C											





Intersection Level Of Service Report

Intersection 3: Skyway Dr/Fairway Dr

Control Type: Signalized
 Analysis Method: HCM 6th Edition
 Analysis Period: 15 minutes

Delay (sec / veh): 25.8
 Level Of Service: C
 Volume to Capacity (v/c): 0.467

Intersection Setup

Name	Skyway Dr			Skyway Dr						Fairway Dr		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ	Left	Thru	Righ
Lane Width [ft]	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	130.	100.	100.	145.	100.	100.	95.0	100.	100.	100.	100.	100.
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	55.00			55.00			40.00			40.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Skyway Dr			Skyway Dr						Fairway Dr		
Base Volume Input [veh/h]	116	800	10	50	670	93	167	20	162	30	20	220
Base Volume Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles Percentage [%]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Growth Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	116	800	10	50	670	93	167	20	162	30	20	220
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Other Adjustment Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Total 15-Minute Volume [veh/h]	32	217	3	14	182	25	45	5	44	8	5	60
Total Analysis Volume [veh/h]	126	870	11	54	728	101	182	22	176	33	22	239
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major street [ped/h]	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [ped/h]	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor street [ped/h]	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [ped/h]	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	149
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	0.00

Phasing & Timing

Control Type	Prot	Per	Per	Prot	Per	Per	Per	Per	Per	Per	Per	Per	Per
Signal Group	5	2	2	1	6	6	4	4	4	8	8	8	8
Auxiliary Signal Groups													
Lead / Lag	Lea	-	-	Lea	-	-	Lea	-	-	Lea	-	-	-
Minimum Green [s]	7	10	10	7	10	10	8	8	8	8	8	8	8
Maximum Green [s]	30	50	50	30	50	50	50	50	50	50	50	50	50
Amber [s]	4.8	5.5	5.5	4.8	5.5	5.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4
All red [s]	2.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Split [s]	37	57	57	37	57	57	56	56	56	56	56	56	56
Vehicle Extension [s]	2.0	4.0	4.0	2.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Walk [s]	0	7	7	0	7	7	7	7	7	7	7	7	7
Pedestrian Clearance [s]	0	19	19	0	17	17	26	26	26	26	26	26	26
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No				No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
I2, Clearance Lost Time [s]	4.8	4.5	4.5	4.8	4.5	4.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4
Minimum Recall	No	Yes		No	Yes			No				No	
Maximum Recall	No	No		No	No			No				No	
Pedestrian Recall	No	No		No	No			No				No	
Detector Location [ft]	100.	100.	100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.	100.	100.
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	L	C	C	L	C	L	C
C, Cycle Length [s]	74	74	74	74	74	74	74	74	74	74
L, Total Lost Time per Cycle [s]	6.80	6.50	6.50	6.80	6.50	6.50	5.40	5.40	5.40	5.40
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00	0.00
l2, Clearance Lost Time [s]	4.80	4.50	4.50	4.80	4.50	4.50	3.40	3.40	3.40	3.40
g_i, Effective Green Time [s]	7	24	24	5	21	21	27	27	27	27
g / C, Green / Cycle	0.09	0.32	0.32	0.06	0.29	0.29	0.36	0.36	0.36	0.36
(v / s)_i Volume / Saturation Flow Rate	0.07	0.24	0.24	0.03	0.23	0.23	0.17	0.12	0.03	0.16
s, saturation flow rate [veh/h]	175	184	183	175	184	176	1100	1590	1165	1584
c, Capacity [veh/h]	162	589	586	112	537	514	329	577	384	575
d1, Uniform Delay [s]	32.7	22.4	22.4	33.3	24.0	24.0	27.59	17.12	21.62	17.94
k, delay calibration	0.04	0.15	0.15	0.04	0.15	0.15	0.15	0.15	0.15	0.15
l, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	3.08	2.75	2.77	1.20	3.71	3.87	2.07	0.50	0.14	0.80
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.78	0.75	0.75	0.48	0.79	0.79	0.55	0.34	0.09	0.45
d, Delay for Lane Group [s/veh]	35.8	25.2	25.2	34.5	27.7	27.9	29.66	17.62	21.75	18.74
Lane Group LOS	D	C	C	C	C	C	C	B	C	B
Critical Lane Group	Yes	No	No	No	No	Yes	Yes	No	No	No
50th-Percentile Queue Length [veh/ln]	2.12	6.21	6.18	0.88	6.32	6.08	2.99	2.27	0.43	3.16
50th-Percentile Queue Length [ft/ln]	52.9	155.	154.	22.0	157.	151.	74.70	56.87	10.64	79.00
95th-Percentile Queue Length [veh/ln]	3.81	10.2	10.2	1.59	10.4	10.1	5.38	4.09	0.77	5.69
95th-Percentile Queue Length [ft/ln]	95.2	257.	256.	39.6	261.	253.	134.46	102.37	19.15	142.21

Movement, Approach, & Intersection Results

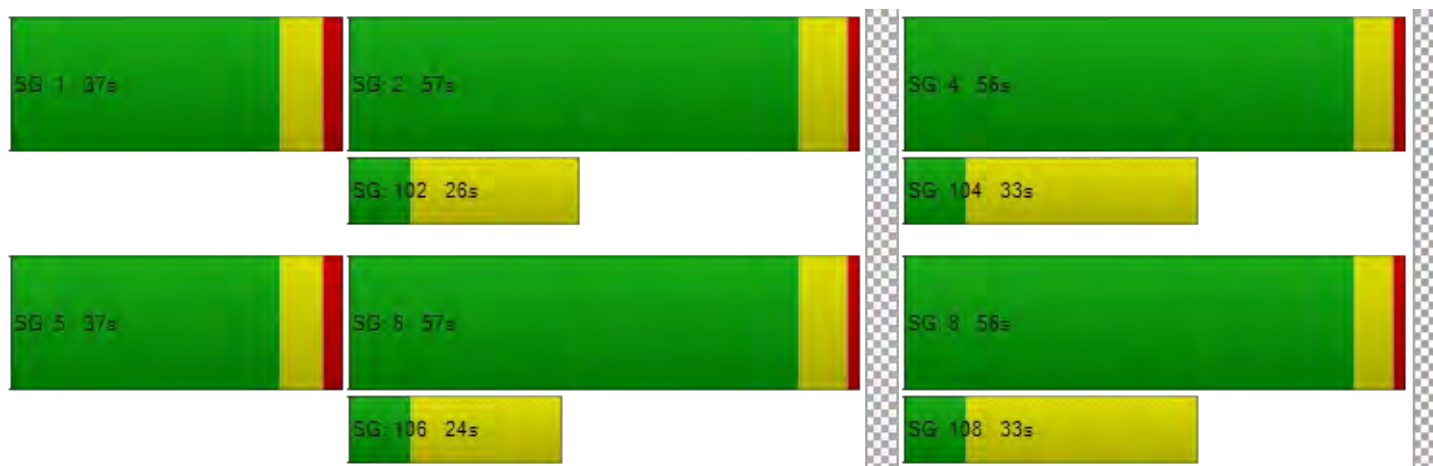
d_M, Delay for Movement [s/veh]	35.8	25.2	25.2	34.5	27.8	27.9	29.6	17.6	17.6	21.7	18.7	18.7
Movement LOS	D	C	C	C	C	C	C	B	B	C	B	B
d_A, Approach Delay [s/veh]	26.55			28.26			23.39			19.08		
Approach LOS	C			C			C			B		
d_I, Intersection Delay [s/veh]	25.82											
Intersection LOS	C											
Intersection V/C	0.467											

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0			11.0			11.0			11.0		
M_corner, Corner Circulation Area [ft ² /ped]	0.00			0.00			0.00			0.00		
M_CW, Crosswalk Circulation Area [ft ² /ped]	0.00			0.00			0.00			0.00		
d_p, Pedestrian Delay [s]	26.67			26.67			26.67			26.67		
I_p,int, Pedestrian LOS Score for Intersection	3.031			3.348			2.202			2.094		
Crosswalk LOS	C			C			B			B		
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000			2000			2000			2000		
c_b, Capacity of the bicycle lane [bicycles/h]	1370			1370			1373			1373		
d_b, Bicycle Delay [s]	3.65			3.65			3.62			3.62		
I_b,int, Bicycle LOS Score for Intersection	2.390			2.288			2.187			2.045		
Bicycle LOS	B			B			B			B		

Sequence

Ring 1	1	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Santa Maria A Street Industrial

Vistro File: G:\...\2023_06_Base Scenario.vistro

Scenario 8 CM +P PM

Report File: G:\...\2023_08 CM+P PM (updated timings).pdf

8/14/2023

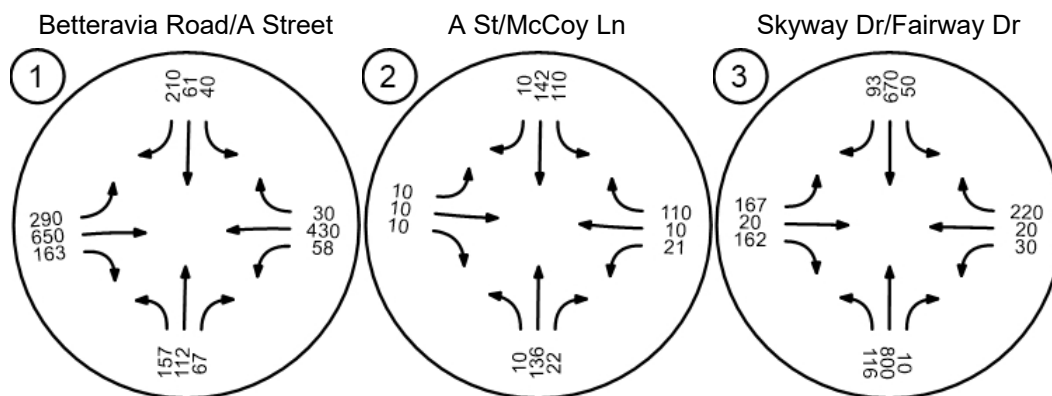
Turning Movement Volume: Summary

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
1	Betteravia Road/A Street	157	112	67	40	61	210	290	650	163	58	430	30	2268

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
2	A St/McCoy Ln	10	136	22	110	142	10	10	10	10	21	10	110	601

ID	Intersection Name	Northbound			Southbound			Eastbound			Westbound			Total Volume
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
3	Skyway Dr/Fairway Dr	116	800	10	50	670	93	167	20	162	30	20	220	2358

Traffic Volume - Base Volume



August 7, 2024

Cody Graybehl
City of Santa Maria
Community Development Department
110 South Pine Street, #101
Santa Maria, California 93458

Sent Via Email: cgraybehl@cityofsantamaria.org

Re: Santa Barbara County Air Pollution Control District Comments on the Draft Mitigated Negative Declaration for A Street and Fairway Drive General Plan Amendment and Rezone, GPZ2023-0001

Dear Cody Graybehl:

The Santa Barbara County Air Pollution Control District (District) has reviewed the Draft Mitigated Negative Declaration (MND) for the referenced project, which consists of the General Plan Land Use Map Amendment and Zone Change to change the land use designation on a 6.95-acre parcel from A-AS (Airport-Airport Service) and OS (Open Space) to LI (Light Industrial) and M-1 (Light Manufacturing). The MND assesses the conceptual development of a 100,000 square foot industrial or manufacturing development. No development project application has been submitted. The subject property is identified in the Assessor Parcel Map Book as APN 111-231-016 and is located at the corner of A Street and Fairway Drive in the City of Santa Maria.

District Staff have the following comments on the Draft MND:

- 1. Trip Generation Rate Discrepancy:** The motor vehicle trip emission estimates in Section 3, *Air Quality* and Section 8, *Greenhouse Gas Emissions* of the MND were calculated using the trip generation rate provided in the Air Quality and Greenhouse Gas Emissions Study and associated CalEEMod analysis (Appendix A). However, the assumptions used in the Air Quality and Greenhouse Gas Emissions Study are different than the trip generation rate provided in the Draft Transportation Impact Study (Appendix D). The Air Quality and Greenhouse Gas Emissions Study assumes the project would generate 174 vehicle trips per day; while the Transportation Study identifies that the project would generate 579 vehicle trips per day. The trip rate difference appears to be related to the land use type that was assumed in each analysis, with the Air Quality and Greenhouse Gas Emissions Study assuming the project's land use type as an "unrefrigerated warehouse no rail" land use and the Transportation Study assuming the project type as a "manufacturing" land use. Additionally, the Transportation Study is referencing trip generations rates from the Institute of Transportation Engineers (ITE) Trip Generation Manual's 11th Addition, while the trip generation rates built into CalEEMod refer to the 10th Edition. Note that Section 17, *Transportation* of the MND utilizes the trip generation rates from the Transportation Impact Study and the ITE Trip Generation Manual, 11th edition trip rates for manufacturing. We recommend that the air quality and greenhouse gas emission estimates included in the MND be revised based on the more conservative trip rate identified in the Transportation Impact Study.

2. **Greenhouse Gas Discussion:** Page 37 of the MND states that the purpose of the greenhouse gas emissions study is to estimate greenhouse gas emissions from the proposed project and *“compare the estimate to the SBCAPCD greenhouse gas regulations.”* The regulations discussed in the greenhouse gas study are not the District’s regulations, and as the document discusses, the District does not have a board-adopted greenhouse gas thresholds that would apply to this project type. Therefore, please revise the discussion to reference the accurate significance criteria used for this project which appears to be consistency with the 2022 Scoping Plan and SBCAG 2050 RTP/SCS.

If you or the project applicant have any questions regarding these comments, please feel free to contact me at (805) 979-8334 or via email at WaddingtonE@sbcapcd.org.

Sincerely,

A handwritten signature in black ink, appearing to read "Emily Waddington". The signature is fluid and cursive, with the first name "Emily" and last name "Waddington" clearly distinguishable.

Emily Waddington,
Air Quality Specialist
Planning Division

cc: Planning Chron File

Letter 1

COMMENTER: Santa Barbara County Air Pollution Control District (SBCAPCD)

DATE: August 7, 2024

Response 1.1

In the comment letter provided on August 7, 2024, the Draft Transportation Impact Study noted that the project would generate 579 vehicle trips per day. However, the MND used trip generation rates from the CalEEMod analysis, which estimated 174 vehicle trips per day.

The trip generation rates and land use category in CalEEMod were adjusted to align with the findings of the Draft Transportation Impact Study, which reported 579 daily vehicle trips and uses the manufacturing land use category. Revisions in the MND are provided below (underline is added text, strikethrough is removed text).

2.1 Revisions to the Draft MND

Section 3 – Air Quality

Page 20 (Section 3, Impact Discussion b)

Emissions Source	Maximum Daily Emissions (pounds per day)					
	ROC	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}
Area	3	<1	4	<1	<1	<1
Energy	<1	1<1	1<1	<1	<1	<1
Mobile	24	24	144	<1	34	1<1
Total	54	34	198	<1	34	1<1
Threshold (area + energy + mobile)	240	240	N/A	N/A	80	N/A
Threshold Exceeded?	No	No	N/A	N/A	No	N/A
Threshold (mobile only)	25	25	N/A	N/A	N/A	N/A
Threshold Exceeded?	No	No	N/A	N/A	N/A	N/A

ROC = reactive organic compounds, NO_x = nitrogen oxides, CO = carbon monoxide, SO₂ = sulfur dioxide, PM₁₀ = particulate matter 10 microns in diameter or less, PM_{2.5} = particulate matter 2.5 microns or less in diameter; lbs/day = pounds per day

Notes: All emissions modeling was completed using CalEEMod. See Appendix A for modeling results. Some numbers may not add up due to rounding. Emission data is pulled from “mitigated” results, which account for compliance with regulations (including SBCAPCD Rule 323.1) and project design features. Emissions presented are the highest of the winter and summer modeled emissions.

Section 8 – Greenhouse Gas Emissions

Page 38 (Section 8, Discussion a-b)

Table 8 summarizes combined annual GHG emissions generated by project construction and operation based on the CalEEMod output files in Appendix A. The combined annual GHG emissions from the project would be approximately 763 365 MT of CO₂e per year.

Emission Source	Annual Emissions (MT of CO ₂ e per year)
Construction	17
Operational	746 348
Mobile	338 142
Area	1
Energy	337 149
Water	26
Waste	39 29
<u>Refrigerant</u>	<u>4</u>
Total Emissions	763 365

MT = metric tons; CO₂e = carbon dioxide equivalents
 Notes: Numbers may not add up due to rounding.
 See Appendix A for modeling results.

Response 1.2

The commenter points out that page 37 of the MND indicates that the purpose of estimating greenhouse gas emissions is to compare emission estimates to SBCAPCD's greenhouse gas regulations. However, the significance criteria for the project should be based on consistency with the 2022 Scoping Plan and SBCAG 2050 RTP/SCS.

In the MND, the impact of greenhouse gases was assessed based on the project's alignment with the 2022 Scoping Plan and SBCAG 2050 RTP/SCS. The statement "*compare the estimate to the SBCAPCD greenhouse gas regulation*" in the MND is an error. Revisions to the MND are as follows.

Section 8 – Greenhouse Gas Emissions

Page 37 (Section 8, Methodology)

".... The purpose of ~~this analysis is to estimate~~ estimating greenhouse gas emissions is for informational purposes. ~~that would be emitted by the proposed project manufacturing or industrial project (up to 100,000 square feet of development) that would be enabled by the GPZ and compare the estimate to the SBCAPCD greenhouse gas regulations~~".

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August 6, 2024

VIA EMAIL

Mr. Cody Grahbehl
Community Development Department
City of Santa Maria
110 South Pine Street, #101
Santa Maria, CA 93458
cgraybehl@cityofsantamaria.org

Dear Mr. Graybehl:

A STREET AND FAIRWAY DRIVE GENERAL PLAN AMENDMENT AND REZONE GPZ2023-001

The California Geologic Energy Management Division (CalGEM) appreciates the opportunity to submit comments on the project referenced above (Project).

CalGEM's authority is set forth in Division 3 of the Public Resources Code (PRC), and of the California Code of Regulations, title 14, (CCR). PRC section 3208.1 establishes well re-abandonment responsibility when a previously plugged and abandoned well may be impacted by planned property development or construction activities. Local permitting agencies, property owners, and/or developers should be aware of, and fully understand, that significant and potentially dangerous issues may be associated with development near oil, gas, or geothermal wells.

CalGEM has reviewed the Project. To assist local permitting agencies, property owners, and developers in making wise land use decisions regarding potential development near oil, gas, or geothermal wells, CalGEM provides the following information.

Our records indicate there are no oil, gas, or geothermal wells located in the proposed land use change area. For comment and well review for future development on parcels where wells are located, please contact CalGEM. Records and locations for oil, gas, and geothermal wells located in California are available online at <https://www.conservation.ca.gov/calgem/Pages/WellFinder.aspx>

CalGEM categorically advises against building over, or in any way impeding access to oil, gas, or geothermal wells. Access is considered the ability for a well servicing unit and associated necessary equipment to reach a well from a public street or access way, solely over the parcel on which the well is located. A well servicing unit, and any necessary equipment, should be able to pass unimpeded along and over the route, and should be able to access the well without disturbing the integrity of surrounding

State of California Natural Resources Agency | Department of Conservation

Northern District

Orcutt Office and Mail: 195 S. Broadway, Suite 101, Orcutt, CA 93455 | T: (805) 937-7246 | F: (805) 937-0673

Sacramento Office and Mail: 715 P Street, MS 1803, Sacramento, CA 95814 | T: (916) 322-1110 | F: (916) 445-3319

Ventura Office: 1000 S. Hill Road, Suite 116, Ventura, CA 93003 | T: (805) 937-7246 | F: (805) 654-4765

Ventura Mail: 195 S. Broadway, Suite 101, Orcutt, CA 93455

Mr. Cody Graybehl

August 6, 2024

infrastructure. Items that can affect well access include, but are not limited to, buildings, housing, fencing, hardscape, landscape, trees, pools, patios, sidewalks, roadways, parking lots, waterways or channels, and decking. Impeding access to a well could result in the need to remove any structure or obstacle that prevents or impedes access.

There are no guarantees a well abandoned in compliance with current CalGEM requirements will not start leaking in the future. It always remains a possibility that any well may start to leak oil, gas, and/or water after abandonment, no matter how thoroughly the well was plugged and abandoned. CalGEM acknowledges wells plugged and abandoned to the most current standards have a lower probability of leaking in the future, however there is no guarantee that such abandonments will not leak.

CalGEM advises that all wells identified on development parcels prior to, or during, development activities be tested for liquid and gas leakage. Surveyed locations should be provided to CalGEM in Latitude and Longitude, NAD 83 decimal format. CalGEM expects any wells found leaking to be reported to it immediately.

PRC section 3208.1 gives CalGEM the authority to order or permit the re-abandonment of any well where it has reason to question the integrity of the previous abandonment, or if the well is not accessible or visible. Failure to plug and re-abandon a well may result in enforcement action, including an order to perform re-abandonment well work, pursuant to PRC section 3208.1, and 3224. Responsibility for re-abandonment costs may be affected by the choices made by the local permitting agency, property owner, and/or developer in considering the general advice set forth in this letter. The PRC continues to define the person or entity responsible for re-abandonment as:

1. **The property owner** - If the well was plugged and abandoned in conformance with CalGEM requirements at the time of plugging and abandonment, and in its current condition does not pose an immediate danger to life, health, and property, but requires additional work solely because the owner of the property on which the well is located proposes construction on the property that would prevent or impede access to the well for purposes of remedying a currently perceived future problem, then the owner of the property on which the well is located shall obtain all rights necessary to re-abandon the well and be responsible for the re-abandonment.
2. **The person or entity causing construction over or near the well** - If the well was plugged and abandoned in conformance with CalGEM requirements at the time of plugging and abandonment, and the property owner, developer, or local agency permitting the construction failed either to obtain an opinion from the supervisor or district deputy as to whether the previously abandoned well is required to be re-abandoned, or to follow the advice of the supervisor or district deputy not to undertake the construction, then the person or entity causing the

Mr. Cody Graybehl

August 6, 2024

construction over or near the well shall obtain all rights necessary to re-abandon the well and be responsible for the re-abandonment.

3. The party or parties responsible for disturbing the integrity of the abandonment -

If the well was plugged and abandoned in conformance with CalGEM requirements at the time of plugging and abandonment, and after that time someone other than the operator or an affiliate of the operator disturbed the integrity of the abandonment in the course of developing the property, then the party or parties responsible for disturbing the integrity of the abandonment shall be responsible for the re-abandonment.

To view PRC section 3208.1 in its entirety, please visit:

<https://www.conservation.ca.gov/index/Documents/CALGEM-SR-1%20Web%20Copy.pdf>

No well work may be performed on any oil, gas, or geothermal well without written approval from CalGEM. Well work requiring written approval includes, but is not limited to, mitigating leaking gas or other fluids from abandoned wells, modifications to well casings, and/or any other abandonment or re-abandonment work. CalGEM also regulates the top of a plugged and abandoned well's minimum and maximum depth below final grade. CCR section 1723.5 states well casings shall be cut off at least 5 feet but no more than 10 feet below grade. If any well needs to be lowered or raised (i.e., casing cut down or casing riser added) to meet this regulation, a permit from CalGEM is required before work can start.

CalGEM makes the following additional recommendations to the local permitting agency, property owner, and developer:

1. To ensure that present and future property owners are aware of (a) the existence of all wells located on the property, and (b) potentially significant issues associated with any improvements near oil or gas wells, CalGEM recommends that information regarding any identified well(s), and any other pertinent information obtained after the issuance of this letter, be communicated to the appropriate county recorder for inclusion in the title information of the subject real property.
2. CalGEM recommends that any soil containing hydrocarbons be disposed of in accordance with local, state, and federal laws. Please notify the appropriate authorities if soil containing significant amounts of hydrocarbons is discovered during development.

As indicated in PRC section 3106, CalGEM has jurisdictional authority over the drilling, operation, maintenance, and abandonment of oil, gas, and geothermal wells, and attendant facilities, to prevent, as far as possible, damage to life, health, property, and natural resources, damage to underground oil, gas, and geothermal deposits, and damage to underground and surface waters suitable for irrigation or domestic purposes. In addition to CalGEM's authority to order work on wells pursuant to PRC section 3208.1 and 3224, it has authority to issue civil and criminal penalties under PRC

Mr. Cody Graybehl

August 6, 2024

section 3236, 3236.5, and 3359 for violations within the CalGEM's jurisdictional authority. CalGEM does not regulate grading, excavations, or other land use issues.

If during development activities any wells are encountered that were not part of a construction site well review, a CalGEM engineer in the Northern District - Orcutt office is to be notified immediately, and an amended site plan with well casing diagrams for CalGEM review shall be filed. After appropriate review, the Orcutt CalGEM office will send a follow-up well evaluation letter to the property owner, applicant, and local permitting agency.

Thank you for considering CalGEM's comments. If you have any questions, please contact our CalGEM office at (805) 937-7246 or via email at CalGEMNorthern@conservation.ca.gov

Sincerely,



Trey Powell
Northern District Deputy

ZN:ji:kv

cc: Chrono
CSWR
deady@cityofsantamaria.org



CITY OF SANTA MARIA MITIGATION MONITORING PROGRAM

PROJECT NAME: A Street and Fairway Drive

APPROVAL DATE: _____ FILE NUMBERS: GPZ2023-0001

Mitigated Negative Declaration for the A Street and Fairway Project (SCH# 2024070374)

The following environmental mitigation measures were incorporated into the Conditions of Approval for this project in order to mitigate identified environmental impacts. A completed and signed checklist for each mitigation measure indicates that this mitigation measure has been complied with and implemented and fulfills the City's monitoring requirements with respect to Assembly Bill 3180 (Public Resources Code Section 21081.6).

ADMINISTRATION

The City of Santa Maria (City) is the Lead Agency responsible for the adoption of the Mitigation Monitoring Program (MMP). The applicant, RRM on behalf of the Santa Maria Public Airport District, is responsible for implementation of the MMP, in coordination with the City and other identified entities. According to State CEQA Guidelines Section 15097(a), a public agency may delegate reporting or monitoring responsibilities to another public agency or to a private entity that accepts the delegation. The City may delegate responsibility for verifying and documenting compliance with the MMP to RRM on behalf of the Santa Maria Public Airport District as coordinator of the project and its construction, and RRM will be responsible for compliance. However, until mitigation measures have been completed, the Lead Agency remains responsible for ensuring that the implementation of the measures occurs in accordance with the program.

MITIGATION MEASURES

The following table is structured to enable quick reference to mitigation measures and the associated monitoring program based on the environmental resource. The numbering of mitigation measures correlates with numbering of measures found in Initial Study/Mitigated Negative Declaration.

Mitigation Measure/ Condition of Approval	Action Required	When Monitoring to Occur	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
AIR QUALITY							
AQ-1 Construction Emissions Control Measures. The project applicant shall install the following air pollutant emissions control measures throughout the construction period: <i>Dust Control Measures</i> During construction, the applicant shall implement all of the applicable measures from the following list as standard dust control measures to avoid impacts associated with fugitive dust emissions: a. Use water trucks or sprinkler systems to keep all areas of vehicle movement damp enough to prevent dust from leaving the site and from exceeding the APCD's limit of 20% opacity for greater than 3 minutes in any 60-minute period. At a minimum, this should include wetting down such areas in the late morning and after work is completed for the day. Increased watering frequency should be required whenever the wind speed exceeds 15 mph. Reclaimed water should be used whenever possible. However, reclaimed water should not be used in or around crops for human consumption. b. Minimize amount of disturbed area and reduce on site vehicle speeds to 15 mph or less. c. If importation, exportation and stockpiling of fill material is involved, soil stockpiled for more than two days shall be covered, kept moist, or treated with soil binders to prevent dust generation. Trucks transporting fill material to and from the site shall be tarped from the point of origin.	Implement and show dust control measures on plans	During demolition, ground disturbance, and construction activities	Regular (bi-weekly) spot checks, or as determined necessary by City	City of Santa Maria, Construction Contractor			

Mitigation Measure/ Condition of Approval	Action Required	When Monitoring to Occur	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
<p>d. Gravel pads shall be installed at all access points to prevent tracking of mud onto public roads.</p> <p>e. After clearing, grading, earth moving or excavation is completed, treat the disturbed area by watering, or revegetating, or by spreading soil binders until the area is paved or otherwise developed so that dust generation will not occur.</p> <p>f. Schedule clearing, grading, earthmoving, and excavation activities during periods of low wind speed to the extent feasible. During periods of high winds (>25 mph) clearing, grading, earthmoving, and excavation operations shall be minimized to prevent fugitive dust created by onsite operations from becoming a nuisance or hazard.</p> <p>g. The contractor or builder shall designate a person or persons to monitor the dust control program and to order increased watering, as necessary, to prevent transport of dust offsite. Their duties shall include holiday and weekend periods when work may not be in progress. The name and telephone number of such persons shall be provided to the APCD prior to land use clearance for map recordation and land use clearance for finish grading of the structure.</p> <p><i>Equipment Emissions Control Measures</i> During project grading and construction, the applicant shall adhere to the following measures to reduce NO_x and PM_{2.5} emissions from construction equipment:</p> <p>a. All portable diesel-powered construction equipment shall be registered with the</p>							

Mitigation Measure/ Condition of Approval	Action Required	When Monitoring to Occur	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
<p>state's portable equipment registration program OR shall obtain an APCD permit.</p> <p>b. Fleet owners of mobile construction equipment are subject to the CARB Regulation for In-use Off-road Diesel Vehicles (Title 13 California Code of Regulations, Chapter 9, § 2449), the purpose of which is to reduce diesel PM and criteria pollutant emissions from in-use (existing) off-road diesel-fueled vehicles. For more information, please refer to the CARB website at www.arb.ca.gov/msprog/ordiesel/ordiesel.htm.</p> <p>c. All commercial diesel vehicles are subject to Title 13, § 2485 of the California Code of Regulations, limiting engine idling time. Idling of heavy-duty diesel construction equipment and trucks during loading and unloading shall be limited to five minutes; electric auxiliary power units should be used whenever possible.</p> <p>d. Diesel construction equipment meeting the CARB Tier 3 or higher emission standards for off-road heavy-duty diesel engines shall be used to the maximum extent feasible.</p> <p>e. Diesel powered equipment should be replaced by electric equipment whenever feasible.</p> <p>f. If feasible, diesel construction equipment shall be equipped with selective catalytic reduction systems, diesel oxidation catalysts and diesel particulate filters as certified and/or verified by EPA or California.</p> <p>g. Catalytic converters shall be installed on gasoline-powered equipment, if feasible.</p>							

Mitigation Measure/ Condition of Approval	Action Required	When Monitoring to Occur	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
<p>h. All construction equipment shall be maintained in tune per the manufacturer's specifications.</p> <p>i. The engine size of construction equipment shall be the minimum practical size.</p> <p>j. The number of construction equipment operating simultaneously shall be minimized through efficient management practices to ensure that the smallest practical number is operating at any one time.</p> <p><i>Fugitive Dust Control</i> The project applicant shall comply with SBCAPCD's Rule 345: Control of Fugitive Dust from Construction and Demolition Activities including all applicable standards and measures therein.</p> <p><i>Diesel-fired Engine Permits</i> All portable diesel-fired construction engines rated at 50 brake horsepower (bhp) or greater must have either statewide Portable Equipment Registration Program (PERP) certificates or SBCAPCD permits prior to grading/building permit issuance. Construction engines with PERP certificates are exempt from SBCAPCD permit, provided they will be onsite for less than 12 months.</p> <p><i>Permit to Operate</i> If contaminated soils are found at the project site, SBCAPCD must be contacted to determine if ATC and/or Permit to Operate permits shall be required. (SBCAPCD permits are required for all soil vapor extraction activities. SBCAPCD permits are also required for the excavation, or "dig-and-haul," of more than 1,000 cubic yards of contaminated soils.)</p>							

Mitigation Measure/ Condition of Approval	Action Required	When Monitoring to Occur	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
<p><i>Equipment Idling Requirements</i> At all times, idling of heavy-duty diesel trucks should be minimized; auxiliary power units should be used whenever possible. State law requires that:</p> <ul style="list-style-type: none"> • Drivers of diesel-fueled commercial vehicles shall not idle the vehicle's primary diesel engine for greater than five minutes at any location. • Drivers of diesel-fueled commercial vehicles shall not idle a diesel-fueled auxiliary power system (APS) for more than five minutes to power a heater, air conditioner, or any ancillary equipment on the vehicle. Trucks with 2007 or newer model year engines must meet additional requirements (verified clean APS label required). See www.arb.ca.gov/noidle for more information. <p><i>Asphalt Paving Requirements</i> Asphalt paving activities shall comply with APCD Rule 329, Cutback and Emulsified Asphalt Paving Materials.</p>							
BIOLOGICAL RESOURCES							
<p>BIO-1: Nesting Birds Impact Avoidance and Minimization</p> <p>The following actions are recommended to avoid potential impacts to nesting birds:</p> <ul style="list-style-type: none"> • A nesting bird survey should be conducted by a qualified biologist no more than two weeks prior to the onset of construction activities. The nesting bird survey should be conducted within any and all suitable habitat 	Verify pre-construction surveys have been conducted, and if necessary, no-disturbance buffers have been demarcated.	Surveys will be verified no sooner than two weeks prior to construction activities. If nests are found, City will verify that a biologist shall	Once. If nests are found, as deemed necessary by the City Community Development Department.	City of Santa Maria Community Development Department			

Mitigation Measure/ Condition of Approval	Action Required	When Monitoring to Occur	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
<p>that occurs within the project site, within 300 feet of its immediate vicinity for raptors, and 100 feet for all other bird species (as is feasible). If no active nests are found, no further mitigation would be required.</p> <ul style="list-style-type: none"> • If active bird nests are found, then an appropriately sized avoidance buffer should be established by the biologist and all construction work within the buffer should be delayed until after the nesting season has ended or until the biologist has determined that the adults and young are no longer reliant on the nest site for survival. • Limits of construction to avoid the nest shall be established in the field with flagging and stakes or construction fencing. Construction personnel shall be instructed on the sensitivity of the area. <p><i>Plan Requirements and Timing.</i> The results of the surveys shall be reported to the City Community Development Department prior to issuance of grading permits. No disturbance buffers shall be demarcated in the field (e.g., fencing, flagging) prior to initiation of construction activities in the vicinity of an active nest.</p> <p><i>Monitoring.</i> The City Community Development Department staff will verify that a pre-construction nesting bird survey has been conducted, if required based on construction timing, and shall verify that no disturbance avoidance buffers have been established prior to issuance of a grading permit. The approved biologist shall be responsible for monitoring active nests, if any occur.</p>		conduct monitoring until all young have fledged. If required, no-disturbance buffers will be confirmed prior to issuance of grading permits.					

Mitigation Measure/ Condition of Approval	Action Required	When Monitoring to Occur	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
<p>BIO-2: California Red-legged Frog Impact Avoidance</p> <p>The following actions are recommended to avoid potential impacts to CRLF:</p> <ul style="list-style-type: none"> • A pre-construction survey of the proposed project site for CLRF shall be conducted by a qualified biologist within 48 hours prior to the start of project construction to confirm this species is not present in the work area. • A qualified biological monitor familiar with CRLF will monitor all initial site disturbance (clearing, grubbing, rough grading). • In the event the pre-construction survey or the onsite monitor identifies the presence of individuals of CRLF prior to or during construction, then all work shall stop until the CRLF leave the site of their own accord. If CRLF do not move off site on their own, the project proponent shall comply with all relevant requirements of a take authorization under the federal Endangered Species Act prior to resuming project activities. <p><i>Plan Requirements and Timing.</i></p> <p>The results of the surveys shall be reported to the City Community Development Department prior to issuance of grading permits. No disturbance buffers shall be demarcated in the field (e.g., fencing, flagging) prior to initiation of construction activities in the vicinity of an active nest.</p>	<p>Measure to be added to project plans prior to finalization. Survey to be conducted 48 hours prior to construction. Monitoring shall be conducted during ground disturbance and results shall be submitted to the City prior to construction activity. In the event CRLF are encountered, the City shall coordinate with the USFWS on obtaining take authorization or a no-take concurrence finding prior to construction.</p>	<p>Prior to construction activity.</p>	<p>Survey completed 48 hours prior to construction. Monitoring to be performed during all initial ground disturbing activity.</p>	<p>City of Santa Maria Community Development Department</p>			

Mitigation Measure/ Condition of Approval	Action Required	When Monitoring to Occur	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
<p><i>Monitoring.</i> The City Community Development Department staff will verify that a pre-construction survey has been conducted, if required based on construction timing, and shall verify that no disturbance avoidance buffers have been established prior to issuance of a grading permit. The approved biologist shall be responsible for monitoring all site disturbances.</p> <p>Implementation of Mitigation Measure BIO-1 and BIO-2 would reduce potential impacts to special-status species to less than significant; <i>therefore, potential impacts related to special status wildlife would be less than significant with mitigation.</i></p>							
CULTURAL RESOURCES							
<p>CR-1 Inadvertent Discovery of Archaeological Resources. In the event that any cultural resource is encountered during subsurface earthwork activities associated with development of the project site, all construction activities within a 100-foot radius of the find shall cease and the City shall be notified immediately. Work shall not continue until a qualified archaeologist, in conjunction with locally affiliated Native American representative(s) as necessary, determines whether the uncovered resource requires further study. Any previously unidentified resources found during construction shall be recorded on appropriate California Department of Parks and Recreation (DPR) 523 Series forms and evaluated for significance in terms of CEQA criteria by a qualified archaeologist. Potentially significant cultural resources consist of, but are not limited to, stone, bone, glass, ceramic, wood, or shell artifacts; fossils; or features including hearths, structural remains, or historic dumpsites.</p>	Notify City if applicable	During subsurface earthwork activities	N/A	City of Santa Maria, Construction contractor			

Mitigation Measure/ Condition of Approval	Action Required	When Monitoring to Occur	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
If the resource is determined significant under CEQA, the qualified archaeologist shall prepare and implement a research design and archaeological data recovery plan, in conjunction with locally affiliated Native American representative(s) as necessary that will capture those categories of data for which the site is significant. The archaeologist shall also perform appropriate technical analysis, prepare a comprehensive report, and file it with the Central Coast Information Center, located at the University of California, Santa Barbara, and provide for the permanent curation of the recovered materials. These actions would reduce impacts to a less than significant level.							
CR-2 Inadvertent Discovery of Human Remains. In the event that human remains are exposed during subsurface earthwork activities associated with development of the project, an immediate halt work order shall be issued, and the City Community Development Department shall be notified. State Health and Safety Code Section 7050.5 requires that no further disturbance of the site or any nearby area reasonably suspected to overlie adjacent human remains shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to PRC Section 5097.98. If the remains are determined to be of Native American descent, the coroner shall notify the Native American Heritage Commission (NAHC) within 24 hours. These protocols shall be detailed on project grading and construction plans for all development on-site. These actions would reduce impacts to a less than significant level.	Notify City if applicable	During subsurface earthwork activities	N/A	City of Santa Maria, Construction contractor			

Mitigation Measure/ Condition of Approval	Action Required	When Monitoring to Occur	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
GEOLOGY AND SOILS							
GEO-1 Inadvertent Discovery of Paleontological Resources. Should any vertebrate fossils or potentially significant finds (e.g., numerous well-preserved invertebrate or plant fossils) be encountered during work on-site, all activities in the immediate vicinity of the find shall cease until a qualified paleontologist evaluates the find for its scientific value. If deemed significant, the paleontological resource(s) shall be salvaged and deposited in an accredited and permanent scientific institution where they will be properly curated and preserved. These actions would reduce impacts to a less than significant level.	Notify City if applicable	During subsurface earthwork activities	N/A	City of Santa Maria, Construction contractor			
HAZARDS AND HAZARDOUS MATERIALS							
HAZ-1 Stop Work Procedure. If during construction of a future project enabled by the GPZ, visual contamination or chemical odors are detected, work will be stopped immediately and the Santa Barbara County Fire Department Hazardous Materials Unit (HMU) will be contacted. Resumption of work will require the approval of HMU. In the event that previously unknown oil or gas wells and/or associated equipment is discovered, CalGEM shall be contacted immediately to assess the equipment. Recommendations of CalGEM to address the discovered equipment shall be implemented. At minimum CalGEM shall be notified regarding the oil well identified on the CalGEM GIS website.	Notify City and HMU if applicable	During ground disturbing activity and construction	N/A	City of Santa Maria, Construction contractor			

Mitigation Measure/ Condition of Approval	Action Required	When Monitoring to Occur	Monitoring Frequency	Responsible Agency or Party	Compliance Verification			
					Initial	Date	Comments	
NOISE								
NOI-1 During construction of any future development within the project parcel, construction activity shall be limited to the hours between 7:00 a.m. and 6:00 p.m. on weekdays, and between 8:00 a.m. and 5:00 p.m. on Saturdays in accordance with the General Plan Noise Element. No construction shall occur on Sundays or federal or state holidays. Construction equipment maintenance shall be limited to the same hours.	These measures shall be shown on grading and building plans and implemented prior to issuance of grading or building permits, and during project construction activities	During project construction activities.	Once	City of Santa Maria Community Development Department				
NOI-2 The applicant shall implement the following measures during construction of the project: <ul style="list-style-type: none">Mufflers. Construction equipment shall be properly maintained and all internal combustion engine driven machinery with intake and exhaust mufflers and engine shrouds, as applicable, shall be in good condition and appropriate for the equipment. During construction, all equipment, fixed or mobile, shall be operated with closed engine doors and shall be equipped with properly operating and maintained mufflers, consistent with manufacturers’ standards.Electrical Power. Electrical power, rather than diesel equipment, shall be used to run compressors and similar power tools and to power any temporary structures, such as construction trailers or caretaker facilities.Equipment Staging. All stationary equipment shall be staged as far away from the adjacent offices as feasible.	These measures shall be shown on grading and building plans and implemented prior to issuance of grading or building permits, and during project construction activities.	During project construction activities.	Once	City of Santa Maria Community Development Department				

Mitigation Measure/ Condition of Approval	Action Required	When Monitoring to Occur	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
<ul style="list-style-type: none"> Equipment Idling. Construction vehicles and equipment shall not be left idling for longer than five minutes when not in use. Workers' Radios. All noise from workers' radios shall be controlled to a point that they are not audible at the adjacent offices near construction activity. Smart Back-up Alarms. Mobile construction equipment shall have smart back-up alarms that automatically adjust the sound level of the alarm in response to ambient noise levels. Alternatively, back-up alarms shall be disabled and replaced with human spotters to ensure safety when mobile construction equipment is moving in the reverse direction. Disturbance Coordinator. The applicant shall designate a disturbance coordinator who shall be responsible for responding to any local complaints about construction noise. The noise disturbance coordinator shall determine the cause of the noise complaint (e.g., starting too early, bad muffler, etc.) and shall require that reasonable measures warranted to correct the problem be implemented. A telephone number for the disturbance coordinator shall be conspicuously posted at the construction site. 							
TRIBAL CULTURAL RESOURCES							
TCR-1 Inadvertent Discovery of Tribal Cultural Resource. In the event that a potentially significant tribal cultural resource is encountered during subsurface earthwork activities, all construction activities within a 100-foot radius of the find shall	Notify City if applicable	During subsurface earthwork activities	N/A	City of Santa Maria, Construction contractor			

Mitigation Measure/ Condition of Approval	Action Required	When Monitoring to Occur	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
<p>cease and the City shall be notified immediately. Work shall not continue until a qualified archaeologist, in conjunction with locally affiliated Native American representative(s) as necessary, determines whether the uncovered resource requires further study. Any previously unidentified resources found during construction shall be recorded on appropriate California Department of Parks and Recreation (DPR) forms and evaluated for significance in terms of CEQA criteria by a qualified archaeologist. Potentially significant cultural resources consist of, but are not limited to, stone, bone, glass, ceramic, wood, or shell artifacts; fossils; or features including hearths, structural remains, or historic dumpsites.</p> <p>If the resource is determined significant under CEQA, the qualified archaeologist shall prepare and implement a research design and archaeological data recovery plan, in conjunction with locally affiliated Native American representative(s) as necessary that will capture those categories of data for which the site is significant. The archaeologist shall also perform appropriate technical analysis, prepare a comprehensive report, and file it with the CCIC, located at the University of California, Santa Barbara, and provide for the permanent curation of the recovered materials.</p>							

RESOLUTION NO.

A RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF SANTA MARIA, CALIFORNIA, RECOMMENDING THE CITY COUNCIL ADOPT A MITIGATED NEGATIVE DECLARATION AND MITIGATION MONITORING PROGRAM FOR THE GENERAL PLAN LAND USE MAP AMENDMENT AND ZONE CHANGE LOCATED AT 1494 FAIRWAY DRIVE

WHEREAS, the applicant, RRM on behalf of the Santa Maria Public Airport District, initiated a General Plan Land Use Map Amendment and Zone Change (GPZ2023-0001) to change the land use designation on a 6.95-acre site FROM A-AS (Airport -Airport Service) and the zone district of OS (Open Space) TO LI (Light Industrial) land use designation and PD/M-1 (Planned Development/Light Manufacturing) zone district, herein referred to as the Project; and

WHEREAS, the provisions of the California Environmental Quality Act of 1970 (CEQA), Public Resources Code Sections 21000 et. seq., as amended, require the evaluation of environmental impacts of said projects; and

WHEREAS, an Initial Study/Mitigated Negative Declaration (SCH #2024070374, Attachment D of the Planning Commission staff report dated October 16, 2024, incorporated herein by reference) was prepared for said Project; and the required notices were published and the Mitigated Negative Declaration was circulated for public review from July 11, 2024, to August 9, 2024, sent to every responsible agency with jurisdiction over the project and placed in a public location; and

WHEREAS, at the completion of the public review period on the Initial Study and Mitigated Negative Declaration for the project, comments were received; and

WHEREAS, the comments provided do not raise new information specific to the project to dispute the adequacy of the Mitigated Negative Declaration, nor do the comments identify any new or additional potentially significant environmental impacts, and therefore no substantial revisions to the mitigations or to the project are necessary; and

WHEREAS, responses to the comments received were prepared and incorporated into the Final Initial Study and Mitigated Negative Declaration, with edits and information added which merely clarify, amplify, or otherwise makes insignificant modifications to the negative declaration per California Code of Regulations Title 14, Section 15073.5; and

WHEREAS, the Planning Commission of the City of Santa Maria held a regularly scheduled public hearing on October 16, 2024, for the purpose of receiving evidence and considering the Initial Study and Mitigated Negative Declaration and the proposed Project; and

WHEREAS, notices of said public hearing were made at the time and in the manner required by law; and

WHEREAS, the Planning Commission of the City of Santa Maria has reviewed and considered the Initial Study/Mitigated Negative Declaration, incorporated herein by reference for the Project; and

WHEREAS, there is no substantial evidence in the whole record before the Planning Commission supporting a fair argument that the project as described in the MND will produce the conditions as provided in Section 15073.5 of the CEQA Guidelines under which a Negative Declaration must be recirculated for public review; and

WHEREAS, there is no substantial evidence in the whole record before the Planning Commission supporting a fair argument that the project as described in the Initial Study/Mitigated Negative Declaration will have a significant effect on the environment; and

WHEREAS, at the completion of the public hearing, the Planning Commission duly considered all evidence presented at said hearing; and

WHEREAS, the Initial Study/Mitigated Negative Declaration and Mitigation Monitoring Program reflects the Planning Commission's independent judgment and analysis.

NOW, THEREFORE, BE IT RESOLVED by the Planning Commission of the City of Santa Maria, that:

- Section 1. The above recitals are true and correct and incorporated herein by reference.
- Section 2. The Planning Commission recommends that the City Council adopt the Mitigated Negative Declaration (Attachment D of the Planning Commission staff report dated October 16, 2024, incorporated herein by reference) for the General Plan Land Use Map Amendment and Zone Change at 1494 Fairway Drive.
- Section 3. The Planning Commission hereby recommends that the City Council adopt the Mitigation Monitoring Program for the project (Attachment E of the Planning Commission staff report dated October 16, 2024 incorporated herein by reference).
- Section 4. The records of these proceedings are located in the Planning Division of the City of Santa Maria, 110 South Pine Street #101, Santa Maria, California 93458.

Section 5. The Assistant Secretary of the Planning Commission is hereby authorized to make minor changes herein to address clerical errors, so long as substantial conformance to the intent of this document is maintained. In doing so, the Assistant Secretary of the Planning Commission shall consult with the City Manager and the City Attorney concerning any changes deemed necessary.

PASSED AND ADOPTED at a regular meeting of the Planning Commission of the City of Santa Maria held October 16, 2024, by the following roll call vote:

AYES:

NOES:

ABSENT:

ABSTAINED:

TIM SEIFERT, CHAIR
Planning Commission

ATTEST:

DANA EADY, ASSISTANT SECRETARY
Planning Commission

RESOLUTION NO.

A RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF SANTA MARIA, CALIFORNIA, RECOMMENDING TO CITY COUNCIL APPROVAL OF A GENERAL PLAN LAND USE POLICY MAP AMENDMENT AND ZONE CHANGE FOR APPROXIMATELY 6.95-ACRES LOCATED AT 1494 FAIRWAY DRIVE

WHEREAS, the applicant, RRM on behalf of the Santa Maria Public Airport District, initiated a General Plan Land Use Map Amendment and Zone Change (GPZ2023-0001) to change the land use designation on a 6.95-acre site FROM A-AS (Airport -Airport Service) and the zone district of OS (Open Space) TO LI (Light Industrial) land use designation and PD/M-1 (Planned Development/Light Manufacturing) zone district, herein referred to as the Project; and

WHEREAS, the Planning Commission of the City of Santa Maria held a regularly scheduled public hearing on October 16, 2024, for the purpose of considering amendments to the Land Use Policy Map and Zoning Map of the City's General Plan; and

WHEREAS, notices of said public hearing were made at the time and in the manner required by law; and

WHEREAS, the Planning Commission recommended the City Council authorize the filing of a Mitigated Negative Declaration on October 16, 2024, in accordance with the California Environmental Quality Act of 1970 (CEQA), Public Resources Code Section 21000 et. seq., as amended; and

WHEREAS, at the public hearing, the Planning Commission heard and considered all evidence, including evidence presented in the staff report and all written and oral testimony; and

WHEREAS, the proposed project is consistent with applicable goals and policies of the General Plan. The purpose of the Light Industrial General Plan Land Use designation as described on page LU-19 of the City's General Plan Land Use section is, "To accommodate industrial uses which contain the process primarily within the building, do not generate negative environmental impacts, and which are most compatible with adjacent nonindustrial uses." The site location and the proposed conceptual industrial or manufacturing development would be consistent with the Light Industrial Land Use description. The designation is meant to provide for the future development of permitted and/or conditionally permitted industrial or manufacturing uses at the site under the M-1 zone, Chapter 12-15 of the City of Santa Maria Municipal Code; and

WHEREAS, the proposed project would not significantly disrupt any of the various land uses in the vicinity because the Project would extend the industrial land use pattern in the area, and facilitate future industrial or manufacturing uses of similar intensity to, and therefore compatible with, the existing adjacent industrial uses. No land use conflicts would be established as identified in the City's General Plan Land Use Element (Goal L.U.7) because the project site is adjacent to development and zoning that is either the same Land Use designation as proposed by the project, or is designated for other compatible designations. The project site is not adjacent to sensitive land uses, and does not have the potential to create conflicts with sensitive uses; therefore the project site an acceptable location for future industrial or manufacturing proposals; and

WHEREAS, the proposed PD/M-1 zoning, and LI land use designation would align the property with the existing properties zoned PD/M-1 adjacent to the site that are across A Street to the east of the project site. The project is consistent with the safety and noise policies in the Airport Land Use Compatibility Plan. Therefore, the proposed modifications are required for the public necessity, convenience and general welfare; and

WHEREAS, the proposed project is afforded the appropriate services and facilities in that all infrastructure is currently available to serve the project site because the project vicinity has been previously developed with infrastructure to accommodate industrial projects of a similar size in the project vicinity including business parks and warehouses.

NOW, THEREFORE, BE IT RESOLVED that the Planning Commission of the City of Santa Maria, that:

- Section 1. The above recitals are true and correct and incorporated herein by reference.
- Section 2. The Planning Commission recommends to the City Council that the City Council amend the General Plan (Land Use Policy Map) and the Zoning map of the City of Santa Maria, as shown on Attachment B, of the Planning Commission staff report dated October 16, 2024, incorporated by reference.
- Section 3. The records of these proceedings are located in the Planning Division of the City of Santa Maria, 110 South Pine Street #101, Santa Maria, California 93458.
- Section 4. The Assistant Secretary of the Planning Commission is hereby authorized to make minor changes herein to address clerical errors, so long as substantial conformance to the intent of this document is maintained. In doing so, the Assistant Secretary of the Planning Commission shall consult with the City Manager and the City Attorney concerning any changes deemed necessary.

PASSED AND ADOPTED at the regular meeting of the Planning Commission of the City of Santa Maria this 16th day of October 2024, by the following roll call vote:

AYES:

NOES:

ABSENT:

ABSTAINED:

TIM SEIFERT, CHAIR
Planning Commission

ATTEST:

DANA EADY, ASSISTANT SECRETARY
Planning Commission



DDS PARTNERSHIP TENTATIVE PARCEL MAP TRACT 6039

Property Location: 1301 and 1313 East Main Street

Review of a Tentative Parcel Map (TR2023-0003) for DDS Partnership to subdivide a 5.8-acre parcel into two parcels of 0.37-acres and 5.35-acres in a PD/C-2 (Planned Development/General Commercial) district.

Environmental: This Tentative Parcel Map qualifies for a Class 15 categorical exemption based on Section 15315 (Minor Land Divisions). No further environmental review is required.

Planner Contact: Carol Ziesenhenne, 805-925-0951 ext. 1607;
cziesenhenne@cityofsantamaria.org

RECOMMENDATION:

By resolution, conditionally approve Tentative Parcel Map No. 6039 (TR2023-0003).

BACKGROUND

The 5.8-acre parcel is located at 1301 and 1313 East Main Street between Highway 101 and Concord Avenue (Attachment A – Vicinity Map). The subject property is fully developed with complete sidewalk, curb, and gutter, an existing automobile dealership, Home Motors of Santa Maria, and a recently completed Starbucks coffee shop with drive through (Planned Development Permit PD2021-0011). Existing land uses surrounding the site include a shopping center to the west, medical offices both northwest (Dignity Health Wellness Center) and east, residential to the north, and a gas station and medical offices to the south. The zoning surrounding the project site is C-2 (General Commercial), CPO (Commercial Office Professional Office) and FS (Freeway Service). The entire Main Street corridor is located within the Entrada Specific Plan area. No new development is proposed as a part of the subject Tentative Parcel Map.

DISCUSSION

The proposed Tentative Parcel Map would subdivide the 5.8-acre parcel map into two commercial parcels. Parcel 1 would be 0.47 acres with approximately 142 feet of street frontage. This parcel would contain the recently constructed Starbucks coffee shop. Parcel 2 would be 5.35-acres with approximately 976 feet of street frontage on Main Street and Concord Avenue. Parcel 2 has three driveways on Concord Avenue and one driveway on Main Street. The remaining existing businesses and land uses associated with Home Motors are proposed to remain on Parcel 2.

The C-2 zone requires a minimum lot area of 7,000-square-feet (s.f.), and a minimum frontage of 50-feet on a public street. The proposed Tentative Parcel Map meets the minimum requirement for parcel size and street frontages. The parcel area and dimension specifications are listed in Table 1, below.

Table 1

	Size		Frontage	
	Proposed	Required	Proposed	Required
Parcel 1	0.47-acre	7,000 s.f. (0.16-acre)	142 ft.	50 ft.
Parcel 2	5.35-acres	7,000 s.f. (0.16-acre)	976 ft.	50 ft.

Access and Circulation

Parcel 1 will have vehicular access to East Main Street via a shared driveway with blanket reciprocal ingress, egress and parking easement over Parcel 2. Dignity Health Wellness Center, located at 1207 East Broadway on a landlocked parcel to the west of Parcel 2 and northwest of Parcel 1, will also have access to Main Street through both parcels via a 30- to 43-foot-wide access easement. This access and circulation configuration was approved by the Planning Commission on November 16, 2022, as part of the Planned Development Permit review for Starbucks.

Utilities

Municipal Code Requires that each lot within a subdivision be served by a sanitary sewer system. The map provides a 20- to 30-foot-wide public sewer easement along the northern and western boundary of Parcel 2 so that Parcel 1 can comply with this requirement.

Subdivision Committee

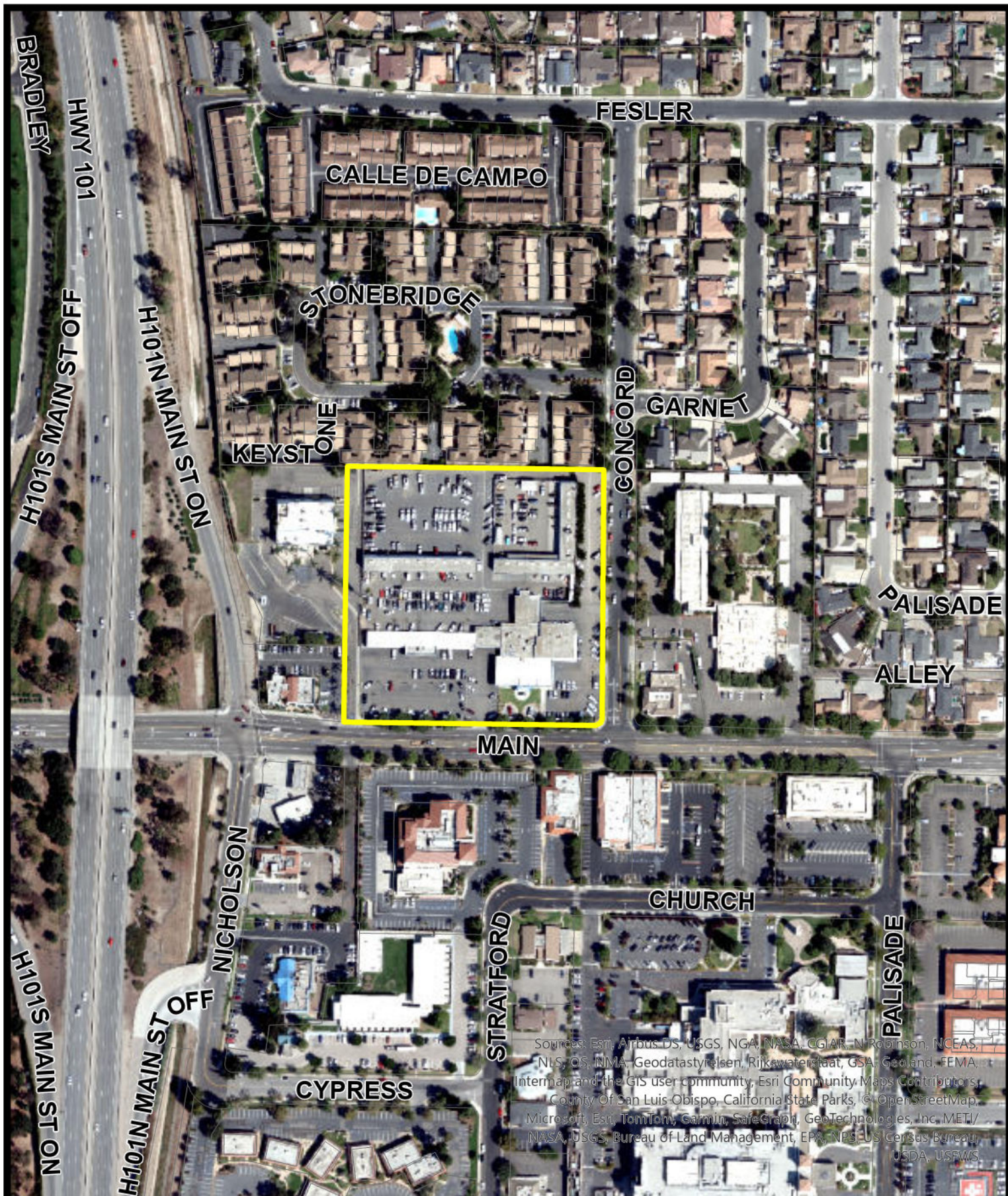
The Subdivision Committee reviewed the Tentative Parcel Map at their September 17, 2024, meeting. The Subdivision Committee recommended that the Tentative Parcel Map should move forward for Planning Commission review subject to the conditions of approval.

Environmental

The design of the proposed subdivision or the proposed improvements will not cause substantial environmental damage or substantially and avoidably injure fish or wildlife or their habitat because no new development is proposed. The small scope of the project would not result in any significant effects relating to traffic, noise, air quality, or water quality. Buildings and paved surfaces cover the project site, and therefore have been found to have no value as habitat for endangered, rare or threatened species. Therefore, this project qualifies as a Class 15 (Minor Land Division) categorical exemption based on Section 15315 of the State CEQA Guidelines, and no further environmental review is required.

Attachments

- A – Vicinity Map
- B – Permit
- C – Plan Set



 Project Site

0 150 300 600 900 Feet





CITY OF SANTA MARIA TENTATIVE PARCEL MAP CONDITIONS

PLANNING DIVISION • 110 SOUTH PINE STREET ROOM 101 • SANTA MARIA, CA 93458 • 805.925.0951 X 2244

PERMIT NO. TR2023 - 0003

APPROVAL DATE October 16, 2024

PROJECT NAME DDS Partnership Tentative Parcel Map Tract 6039

APPLICANT/OWNER DDS Partnership

ADDRESS/LOCATION 1301 and 1313 East Main Street

DESCRIPTION Tentative Parcel Map (TR2023-0003) for DDS Partnership to subdivide a 5.8-acre parcel into two parcels of 0.37-acres and 5.35-acres in a PD/C-2 (Planned Development/General Commercial) district.

FINDINGS

The Planning Commission makes the following findings in accordance with Section 11-3.03(f) of the Santa Maria Municipal Code regarding the proposed Tentative Parcel Map, Tract 6039:

- A. The proposed map is consistent with the City of Santa Maria General Plan and applicable specific plans because future development parameters and intensity would meet all applicable General Plan goals, specifications, and requirements.
- B. The design or improvement of the proposed subdivision is consistent with applicable general and specific plans because all future development on the resulting parcels will be consistent with the Municipal Code and Entrada Specific Plan design measures and development standards. The size and dimensions of the resulting parcels conform to the requirements of the Specific Plan.
- C. The site is physically suitable for the proposed density of development because no physical constraints are known to exist on the property, which would preclude the density of allowable development, and the proposed public improvements provide the infrastructure needed for the development density.
- D. The site is physically suitable for the type of development because no physical constraints are known to exist on the project site that would preclude the type of allowable commercial development, and the proposed public improvements will provide the infrastructure needed for future commercial development.

- E. The design of the proposed subdivision or the proposed improvements will not cause substantial environmental damage or substantially and avoidably injure fish or wildlife or their habitat because no new development is proposed. The small scope of the project would not result in any significant effects relating to traffic, noise, air quality, or water quality. Buildings and paved surfaces cover the project site, and therefore have been found to have no value as habitat for endangered, rare or threatened species. Therefore, this project qualifies as a Class 15 (Minor Land Division) categorical exemption based on Section 15315 of the State CEQA Guidelines, and no further environmental review is required.
- F. The design of the subdivision or type of improvements are not likely to cause a serious public health hazard because development on the resulting parcels shall implement all applicable Municipal Code design measures and development standards to ensure for the health and safety of the users of the site(s) and for the surrounding properties.
- G. The design of the subdivision or type of improvements will not conflict with easements, acquired by the public at large, for access through or use of property within the proposed subdivision because any future development shall identify and locate any affected easements; and furthermore, any future development shall avoid encroachment upon any existing easements; and shall establish and maintain any required easements.
- H. The discharge of waste from this proposed land division into the existing community sewer system will not result in a violation of existing requirements prescribed by the Regional Water Quality Control Board because development on the resulting parcels shall implement all applicable Municipal Code design measures and development standards to ensure for the health and safety of the users of the site(s) and for the surrounding properties.

CONDITIONS OF APPROVAL

The project is approved subject to the following Conditions of Approval:

Community Development Department

1. Indemnification. Pursuant to Government Code §66474.9(b), the subdivider shall defend, indemnify and hold harmless the City and/or its agents, officers and employees at his/her sole expense from any claim, action or proceeding against the City and/or its agents, officers or employees to attack, set aside, void or annul, the approval by the City of this subdivision, Tract 6039, and all actions relating thereto, including but not limited to environmental review, and action taken pursuant to §66462.5 of the Subdivision Map Act. The applicant shall reimburse the City, its agents, officers, or employees, for any court costs and attorney's fees which the City, its agents, officers or employees may be required by a court to pay as a result of such action. The City may, at its sole discretion, participate at its own expense in the defense of any such action but such participation shall not relieve applicant of his/her obligations under this condition.

2. Agency Requirements. The applicant shall ascertain and comply with all Federal, State, County and City requirements as are applicable to this project.
3. Recordation. The recordable map for this project shall be prepared and submitted to the Public Works Department for checking, and shall be recorded within 36 months of the approval date. If the map has not been recorded within 36 months of the date of approval, the applicant is advised to apply a minimum of 30 days prior to the expiration date for an extension of time. Said extension of time shall be reviewed by the Planning Commission.
4. Revisions. If the map is revised from the approved tentative parcel map, or if changes to conditions are sought, the procedures contained in Chapter 10 of Title 11 of the Municipal Code shall be followed.
5. Utility Easements. A minimum of ten feet public utility, cable TV, telephone, and tree easement shall be dedicated adjacent to all street right-of-way, measured from the back of sidewalk.
6. Easements via separate instrument. The City shall review and approve all separate easement instruments and shall be included as a third party for all easement documents recorded via separate instrument.

Public Works Department

STREET AND FRONTAGE CONDITIONS

7. Proposed Public Sewer and Access Easement. The developer shall maintain access easement surface improvements. The improved surface over the Public Sewer and Access Easement shall be maintained to allow City Utilities staff to access and maintain the Public sewer main located within the easement. Obstructions and impediments to access of this sewer shall be removed by the developer upon request of the City.

WASTEWATER CONDITIONS

8. Public Sewer Main. Upon recordation of the Final Parcel Map for Tract 6039, the City accepts ownership and maintenance of the sewer main, constructed in accordance with Public Improvement Plans titled Sewer Main Extension for Tentative Parcel Map 6039, Main Street at Concord, I-2157.

STORM DRAINAGE:

9. Flood hazard areas, based on one-hundred-year storm frequency, shall be delineated (on tentative map) based on approved flood control district methodology and, if applicable, included in an inundation easement and offered for dedication to the district. Buildable sites, as designated in the soils report (see Section 11-3.08), shall be located outside of flood hazard areas. Drainage requirements of the Santa Barbara County Flood Control and Water Conservation District Standards also apply.

EASEMENTS:

10. Dedicate pedestrian access easements to the back of meandering sidewalk.
11. All easements to be abandoned by the map [Government code Section 66434(g) or 66445(j)] shall be clearly identified as such with City-approved notation on the tentative map, final map and/or parcel map.

FEES:

NOTE: The fees given at this time are an estimate calculated using rates currently in effect. The actual amount due shall be calculated using fee rates in effect at the time of payment.

12. Map Checking Fee. \$3,435 (Fiscal Year 2024/2025 fee rate). The rate changes each July in accordance with City Council Resolution 2005-101). This fee will be collected prior to approval of the plans.
13. Traffic Mitigation Fee. The fees shall be based on the codes and rates in effect at the time of building permit issuance.
14. Water Mitigation Fee. The fee shall be based on the codes and rates in effect at the time of building permit issuance.
15. Wastewater Mitigation Fee. The fee shall be based on the codes and rates in effect at the time of building permit issuance.
16. State Water Reimbursement Fee. The fee shall be based on the codes and rates in effect at the time of building permit issuance.

Fire Department

17. Key Box. A SMFD approved key box shall be provided at the main entrance to each building/tenant space. The box shall contain all keys necessary to allow Fire Department access to all portions of the building or tenant space.
 - a. The box shall be installed in accordance with the manufacturer's specifications and placed so the bottom of the box is 60 inches above the adjacent grade. The proposed location of the box shall be shown on plans.
 - b. Key box application is available online at <http://www.ci.santa-maria.ca.us/40463-KnoxBoxRequestForm.pdf>. The key box shall be ordered prior to occupancy request.
 - c. Knox Box 3200 Series is the minimum acceptable box for commercial installations. Knox boxes identified as "Residential" shall not be used for commercial applications.
 - d. The key box shall be installed prior to final occupancy clearance being granted. (Allow seven to ten business days from time of order until delivery of the key box.)

18. Address Numbers. Numbers shall be clearly visible from the centerline of the roadway fronting the building and shall contrast with their background. Number height shall be a minimum of 12 inches for commercial buildings. The proposed location and design of address numbers shall be shown on plans.
19. Fire Lane Signs. "No Parking, Fire Lane" signs shall be posted at entrances. Signs shall be designed per SMFD Development Guidelines. All curbing in a designated Fire Lane or fire access way shall be painted red with "Fire Lane, No Parking" graphics stenciled every 100 linear feet or as otherwise designated on approved plans.
20. Fire Hydrants. Fire hydrants shall be located and/or installed per City of Santa Maria Public Works and Fire Department Standards. Please show location(s) of existing and proposed hydrants on the plans.

Recreation and Parks Department

21. Tree Species. City street trees will be required at a spacing of 1 tree every 40 feet, along the frontage of Main Street and Concord Avenue. Street trees are to be picked from the medium to large City approved tree list. Credit will be given for Existing Street trees. City street trees are to be protected in place across entire span of sitework construction.
22. Tree Easement. A minimum ten-foot-wide tree planting easement shall be dedicated to the City to allow adequate space for planting and maintenance of street trees. Street trees shall not be placed any closer than 10 feet to property lines. The easement shall not have any impervious pavement other than vehicle and pedestrian approaches, nor be dual purposed as a storm water mitigation area. The applicant shall apply for the easement through the Public Works Department with necessary fees, a recent copy of a title report, closure calculations and sketch. The property owner is responsible for the upkeep of the trees, landscaping and irrigation within the easement area.
23. Development Fees. Per the Municipal Code, several Recreation and Parks Development Fees may apply to this project.
 - a. Commercial Growth Mitigation \$0.01/square footNote: fees are reviewed annually and are subject to change.
24. Landscape District. This project is included in the Northeast Landscape Maintenance District. At such time as the Project Property is subdivided into lots, parcels and/or tenant spaces by reason of recordation of a final subdivision map or final parcel map, the assessment to be levied against the lots, parcels and/or tenant spaces shall be apportioned among the resulting lots, tenant spaces or parcels in accordance with the Engineer's Report for the fiscal year in which the lots, parcels and/or tenant spaces were subdivided and recorded by a final subdivision map or final parcel map.

NOTES:

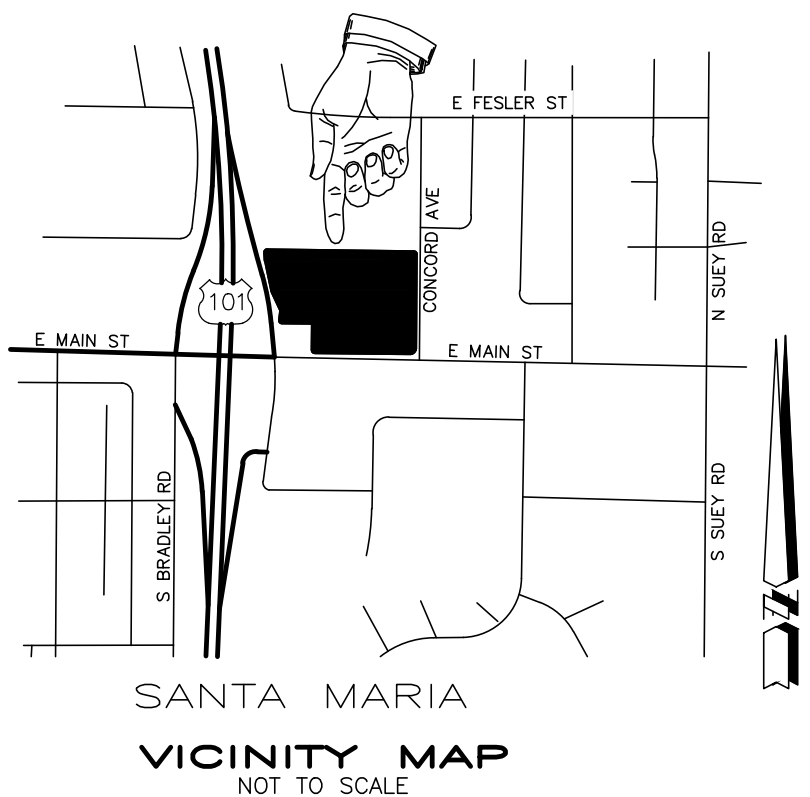
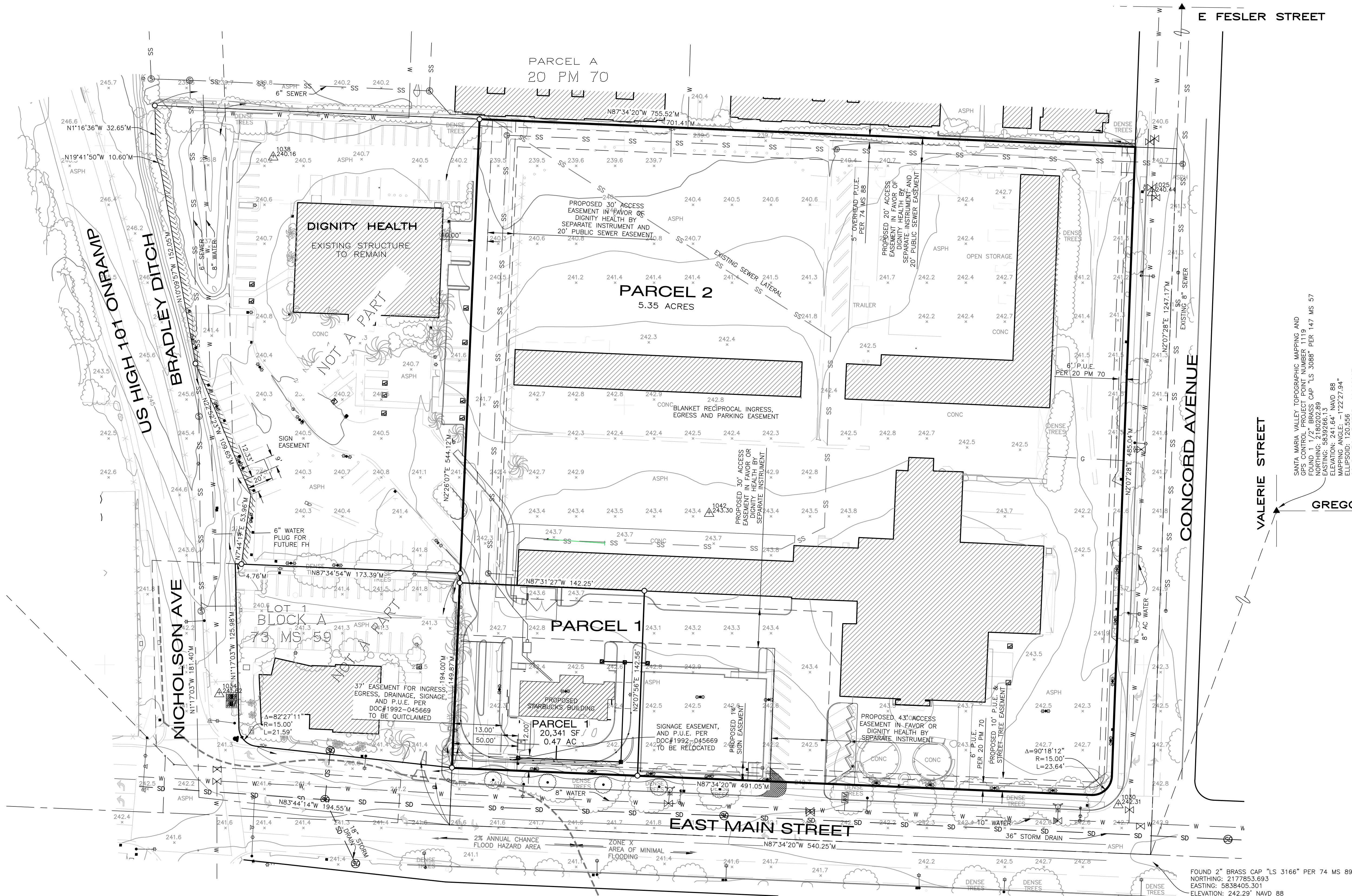
In accordance with Section 11-13.02 of the Municipal Code, this permit is not valid until the 15th calendar day following the issuance of the permit, providing no appeal is filed; or if an appeal is filed, this permit is not valid until the effective date of the final action on the appeal.

In accordance with Section 11-3.06 of the Municipal Code, this permit shall expire thirty-six (36) months from the date the official tentative map is approved or conditionally approved. However, the approval body may consider extensions of time based on the requirements of the Subdivision Map Act. Failure to file a final or parcel map with the County Recorder within these time limits shall make the official tentative map null and void and will require that a new tentative map with a new tract number be processed. A written request justifying the need and the appropriate filing fee filed with the Community Development Department shall be submitted at least 30 calendar days prior to the expiration date.

Failure to comply with any of the conditions stated above may be cause for enforcement according to Title 11 of the Santa Maria Municipal Code, in addition to any other penalties provided by law.

All conditions of approval are to be completed by the subdivider within 12 months from the recordation of the final or parcel map unless otherwise stated, and are to be maintained in perpetuity.

N:\2022\22-309 1313 E Main Street-Tentative Map (22-309).dwg, 24x36 TPM 1, Oct 07, 2024 9:27am, LRichardson



BASIS OF COORDINATES AND BEARINGS:

THE COORDINATES AND BEARINGS AS MEASURED AND SHOWN HEREON ARE ON GRID AND ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5 0405, (1992) IN ACCORDANCE WITH THE CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819; SAID COORDINATES AND BEARINGS ARE BASED LOCALLY UPON FIELD-OBSERVED TIES TO THE SANTA MARIA VALLEY TOPOGRAPHIC MAPPING AND GPS CONTROL PROJECT POINT NUMBER 1119 (147 RS 057).

MAPPING ANGLE AND GRID FACTOR

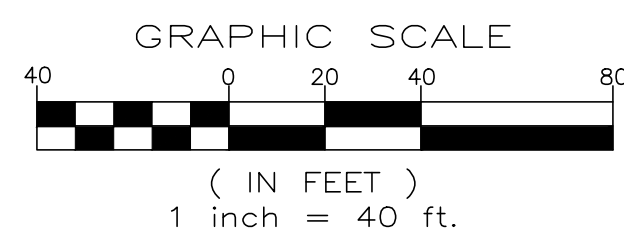
STATION	NORTHING(H)	EASTING(H)	MAPPING ANGLE	COMBINATION FACTOR	ELEV (88)	ELLIP.H.T.
#1119	2180202.89	5839266.13	-1°22'27.94"	0.99992267	241.64	120.56

MEASURED DISTANCES SHOWN HEREON OR INVERSED FROM COORDINATES SHOWN HEREON ARE IN REFERENCE TO CCS83. TO APPROXIMATE LOCAL GROUND DISTANCES DIVIDE BY THE COMBINATION FACTOR PROVIDED HEREON.

BENCH MARK:

THE BENCH MARK FOR THIS PROJECT IS A FOUND SANTA MARIA VALLEY TOPOGRAPHIC MAPPING AND GPS CONTRL PROJECT (147 RS 57) POINT NUMBER 1119, BEING A 1 1/2" IRON PIPE WITH BRASS CAP "LS 3088" IN MONUMENT WELL AT THE CENTERLINE INTERSECTION OF VALERIE STREET & GREGORY STREET AS SHOWN.

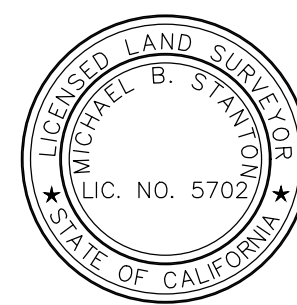
ELEVATION = 241.64' NAVD 88



SURVEYOR'S STATEMENT:

THIS MAP REPRESENTS AN AERIAL TOPOGRAPHIC SURVEY PERFORMED BY CENTRAL COAST AERIAL MAPPING, PHOTOGRAPHY DATED 10-14-2022, JOB NO. 22-235, WITH GROUND CONTROL SET BY MBS LAND SURVEYS. CONTACT: ROBERT LAFCA, CCAM 805-543-4307

10/7/24
MICHAEL B. STANTON, PLS 5702 DATE



SITE DATA:

ADDRESS: 1301 AND 1313 EAST MAIN STREET, SANTA MARIA
ASSESSOR'S PARCEL NO. APN 128-120-003
NUMBER OF PARCELS: TWO COMMERCIAL
AREA: 5.8 ACRES

FLOOD DESIGNATION:

FLOOD ZONE X, AREA OF MINIMAL FLOOD HAZARD PER FEMA PANEL 0608C0185F, EFFECTIVE DATE: 9/30/2005.

TENTATIVE PARCEL MAP 6039

BEING A SUBDIVISION OF PARCEL B OF FOXEN PARCEL MAP TRACT 5237 AS SHOWN ON MAP FILED IN BOOK 20 AT PAGE 70 OF PARCEL MAPS, IN THE CITY OF SANTA MARIA, COUNTY OF SANTA BARBARA, CALIFORNIA

AT THE REQUEST OF DDS PARTNERSHIP

MBS LAND SURVEYS
MICHAEL B. STANTON, PLS 5702
3559 SOUTH HIGUERA ST.
SAN LUIS OBISPO, CA 93401
805-594-1960

October 7, 2024 JOB #22-309

- ABBREVIATIONS**
- | | | | |
|------|------------------------|-----|--------------------------|
| AC | ASPHALT CONCRETE | IP | IRON PIPE |
| AP | ANGLE POINT | GB | GRADE BREAK |
| BM | BENCH MARK | GM | GAS METER |
| BLDG | BUILDING | HP | HIGH POINT |
| BOW | BACK OF WALK | LT | LIGHT |
| CB | CATCH BASIN | MH | MANHOLE |
| CF | CURB FACE | PP | POWER POLE |
| CO | CLEAN OUT | PVC | POLYVINYL PIPE |
| COL | COLUMN | RB | REBAR |
| COR | CORNER | RCP | REINFORCED CONCRETE PIPE |
| CONC | CONCRETE | R10 | CANOPY RADIUS |
| CMP | CORRUGATED METAL PIPE | SD | STORM DRAIN |
| CMU | CONCRETE MASONRY UNITS | SL | POINT ON SLOPE |
| CRN | CROWN OF STREET | SS | SEWER |
| DI | DROP INLET | STP | STEP |
| EG | EXISTING GRADE | STR | STAIRS |
| EP | EDGE OF PAVEMENT | TOP | TOP OF SLOPE |
| FD | FOUND | TOE | TOE OF SLOPE |
| FL | FLOW LINE | TW | TOP OF WALL |
| FF | FINISH FLOOR | W | WATER |
| FW | FACE OF WALL | WL | WALL |
| HSE | HOUSE COR | WM | WATER METER |
| GR | GRASS | WV | WATER VALVE |
| GM | GAS METER | | |
| IP | IRON PIPE | | |
- DI-1.5FL TOP OF GRATE -1.5' FLOW LINE

SYMBOL LEGEND:

- | | | | |
|-----|----------------------|----------------|-------------------|
| SS | FENCE LINE | RETAINING WALL | |
| SS | SEWER MAIN | PG&E BOX | |
| W | WATER MAIN | GM | GAS METER |
| G | GAS MAIN | TEL | TELEPHONE BOX |
| ETC | ELEC/TELEPHONE/CABLE | SIG | SIGNAL BOX |
| OHE | OVERHEAD ELECTRIC | CATV | CABLE T.V. BOX |
| | DROP INLET AT CURB | ELEC | ELECTRIC BOX |
| | DROP INLET | | TELEPHONE MANHOLE |
| | STORM DRAIN MANHOLE | | STREET LIGHT |
| | FIRE HYDRANT | | JOINT POLE |
| | WATER WELL | | POWER POLE |
| | WATER VALVE | | GUY WIRE |
| | WATER METER | | |
| | SEWER MANHOLE | | |
| | SEWER CLEANOUT | | |
| | MONITORING WELL | | |
| | ACCESS RIGHTS DENIED | | |

SUBDIVISION NOTES:

OWNER:
DDS PARTNERSHIP
PO BOX 5759
SANTA MARIA, CA 93456

ASSESSOR'S PARCEL NUMBER
128-120-003

ZONING:
PD/C2
PLANNED DEVELOPMENT/GENERAL COMMERCIAL

AGENT:
LAURIE TAMURA
URBAN PLANNING CONCEPTS
2624 AIRPARK DRIVE
SANTA MARIA, CA 93455
805-334-5760
laurie@urbanplanningconcepts.com

UTILITIES:
CABLE TV: COMCAST
ELECTRIC: PACIFIC GAS & ELECTRIC
GAS: SOUTHERN CAL GAS
TELEPHONE: VERIZON
WATER & SEWER: CITY OF SANTA MARIA

SURVEYOR:
KERRY MARGASON
MBS LAND SURVEYS
3559 SOUTH HIGUERA STREET
SAN LUIS OBISPO, CA 93401
805-594-1960
kmargason@mbslandsurveys.com

FLOOD ZONE: X
AREAS OF MINIMAL FLOODING PER FIRM 0608C0185F (EFFECTIVE DATE: 9/30/2005)

RESOLUTION NO.

A RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF SANTA MARIA APPROVING THE DDS PARTNERSHIP TENTATIVE PARCEL MAP LOCATED AT 1301 AND 1313 EAST MAIN STREET, TRACT 6039

WHEREAS, the applicant, DDS Partnership, has applied for a Tentative Parcel Map (TR2023-0003) to subdivide a 5.8-acre parcel into two parcels of 0.37-acres and 5.35-acres in a PD/C-2 (Planned Development/General Commercial) district; and

WHEREAS, the Subdivision Committee reviewed the Parcel Map on September 17, 2024, and proposed recommended conditions, as amended, which are attached as conditions of approval; and

WHEREAS, the Planning Commission of the City of Santa Maria held a regularly scheduled public hearing on October 16, 2024; and

WHEREAS, notices of the public hearing were made at the time and in the manner required by law; and

WHEREAS, at the completion of said hearing, the Planning Commission duly considered all oral and written evidence presented at said hearing; and

WHEREAS, the Planning Commission of the City of Santa Maria has reviewed the DDS Partnership Tentative Parcel Map, Tract 6039, and makes the following findings in accordance with Santa Maria Municipal Code Section 12-3.03(f):

- A. The proposed map is consistent with the City of Santa Maria General Plan and applicable specific plans because future development parameters and intensity would meet all applicable General Plan goals, specifications, and requirements.
- B. The design or improvement of the proposed subdivision is consistent with applicable general and specific plans because all future development on the resulting parcels will be consistent with the Municipal Code and Entrada Specific Plan design measures and development standards. The size and dimensions of the resulting parcels conform to the requirements of the Specific Plan.
- C. The site is physically suitable for the proposed density of development because no physical constraints are known to exist on the property, which would preclude the density of allowable development, and the proposed public improvements provide the infrastructure needed for the development density.
- D. The site is physically suitable for the type of development because no physical constraints are known to exist on the project site that would preclude the type of allowable commercial development, and the proposed public improvements will provide the infrastructure needed for future commercial development.

- E. The design of the proposed subdivision or the proposed improvements will not cause substantial environmental damage or substantially and avoidably injure fish or wildlife or their habitat because no new development is proposed. The small scope of the project would not result in any significant effects relating to traffic, noise, air quality, or water quality. Buildings and paved surfaces cover the project site, and therefore have been found to have no value as habitat for endangered, rare or threatened species. Therefore, this project qualifies as a Class 15 (Minor Land Division) categorical exemption based on Section 15315 of the State CEQA Guidelines, and no further environmental review is required.
- F. The design of the subdivision or type of improvements are not likely to cause a serious public health hazard because development on the resulting parcels shall implement all applicable Municipal Code design measures and development standards to ensure for the health and safety of the users of the site(s) and for the surrounding properties.
- G. The design of the subdivision or type of improvements will not conflict with easements, acquired by the public at large, for access through or use of property within the proposed subdivision because any future development shall identify and locate any affected easements; and furthermore, any future development shall avoid encroachment upon any existing easements; and shall establish and maintain any required easements.
- H. The discharge of waste from this proposed land division into the existing community sewer system will not result in a violation of existing requirements prescribed by the Regional Water Quality Control Board because development on the resulting parcels shall implement all applicable Municipal Code design measures and development standards to ensure for the health and safety of the users of the site(s) and for the surrounding properties.

NOW, THEREFORE, BE IT RESOLVED by the Planning Commission of the City of Santa Maria, that:

- Section 1. The above findings are true and correct and incorporated herein.
- Section 2. The Planning Commission approves the Tentative Parcel Map for DDS Partnership, Tract 6039, attached in the Planning Commission staff report, dated October 16, 2024, and subject to the conditions, also attached to the Planning Commission staff report dated October 16, 2024, both incorporated by reference.
- Section 3. The records of these proceedings are located in the Planning Division of the City of Santa Maria, 110 South Pine Street #101, Santa Maria, California 93458.

Section 4. The Assistant Secretary of the Planning Commission is hereby authorized to make minor changes herein to address clerical errors, so long as substantial conformance to the intent of this document is maintained. In doing so, the Assistant Secretary of the Planning Commission shall consult with the City Manager and the City Attorney concerning any changes deemed necessary.

PASSED AND ADOPTED at the regular meeting of the Planning Commission of the City of Santa Maria this 16th day of October 2024, by the following roll call vote:

AYES:

NOES:

ABSENT:

ABSTAINED:

TIM SEIFERT, CHAIR
Planning Commission

ATTEST:

DANA EADY, ASSISTANT SECRETARY
Planning Commission