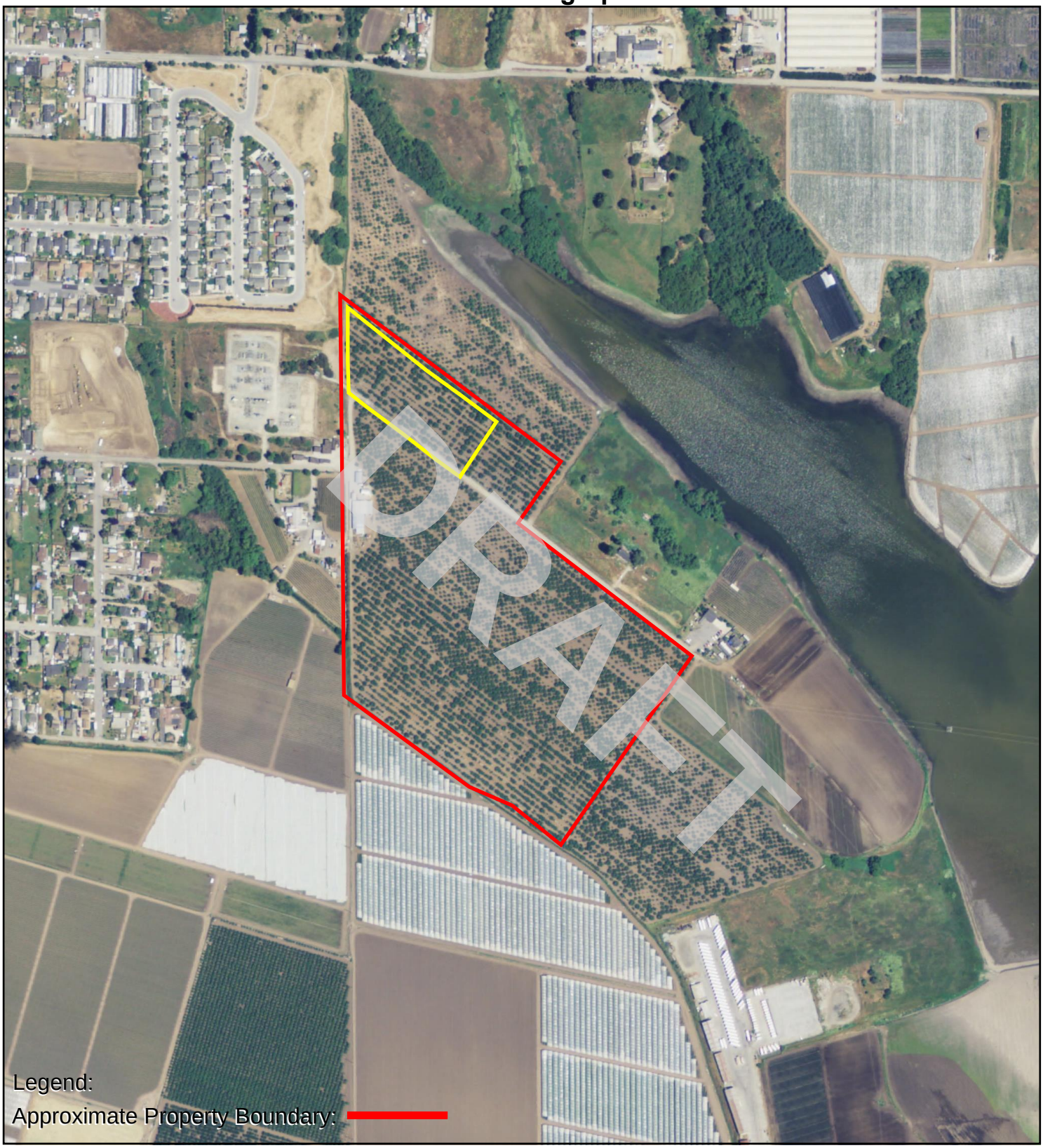
| DOCKETED | |
|---|---|
| **Docket Number:** | 26-OPT-02 |
| **Project Title:** | Seahawk Battery Energy Storage System |
| **TN #:** | 270262 |
| **Document Title:** | Section 3-5 Appendices Part 5 |
| **Description:** | N/A |
| **Filer:** | Erin Phillips |
| **Organization:** | Dudek |
| **Submitter Role:** | Applicant Consultant |
| **Submission Date:** | 5/27/2026 10:53:32 AM |
| **Docketed Date:** | 5/27/2026 |

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N

# AERIAL PHOTOGRAPH - 2012

90 Minto Road, Watsonville, CA 95076

Project Number: 433190

AEI Consultants


0 Feet 500 1000 2000

N

# AERIAL PHOTOGRAPH - 2009

90 Minto Road, Watsonville, CA 95076

Project Number: 433190

AEI Consultants


0 Feet 500 1000 2000

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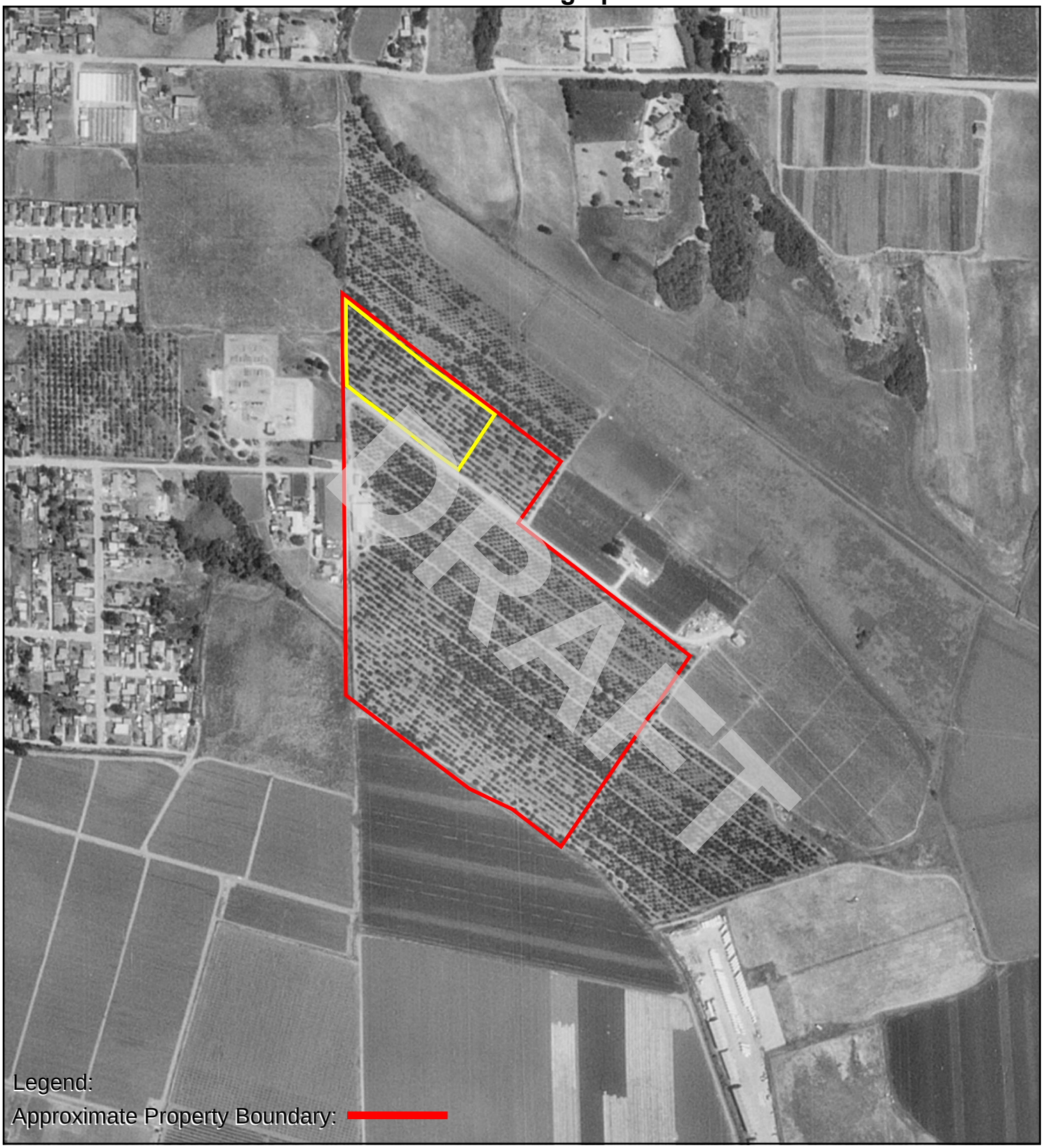
# AERIAL PHOTOGRAPH - 2005

90 Minto Road, Watsonville, CA 95076

Project Number: 433190

AEI Consultants

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# AERIAL PHOTOGRAPH - 1993

90 Minto Road, Watsonville, CA 95076

Project Number: 433190

AEI Consultants


0 Feet 500 1000 2000

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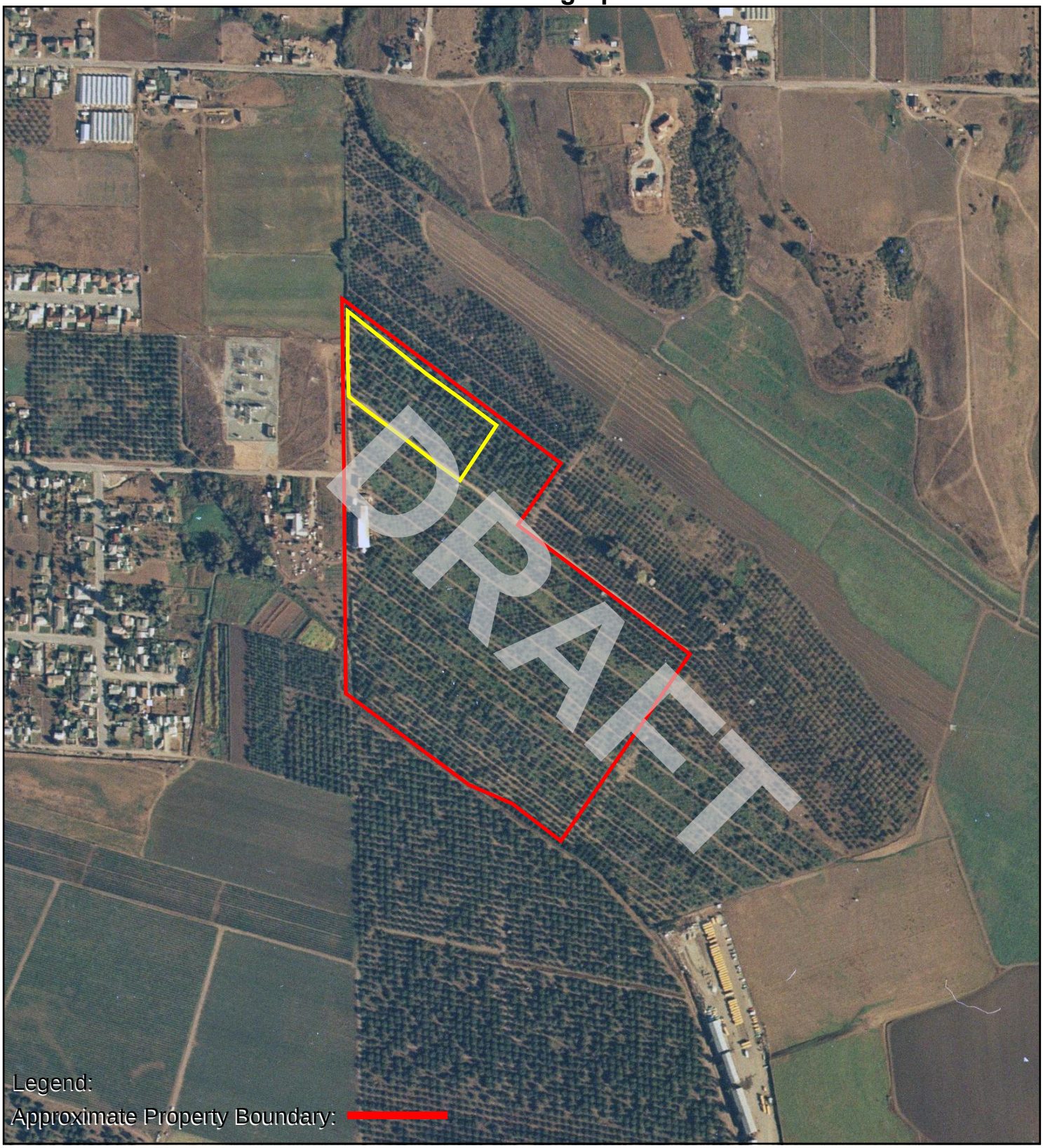
90 Minto Road, Watsonville, CA 95076

Project Number: 433190

AEI Consultants

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# AERIAL PHOTOGRAPH - 1974

90 Minto Road, Watsonville, CA 95076

Project Number: 433190

AEI Consultants


0 Feet 500 1000 2000

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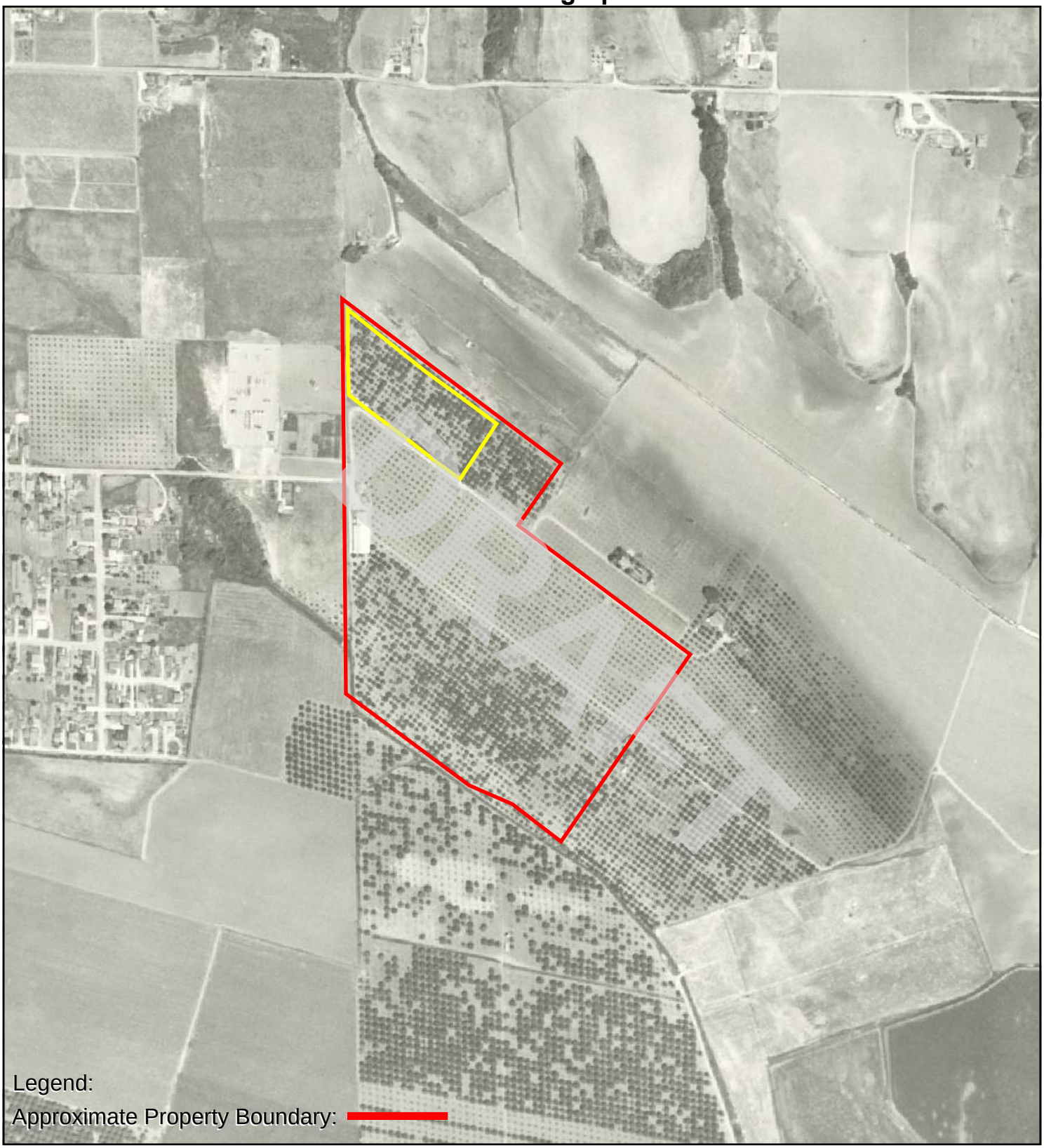
# AERIAL PHOTOGRAPH - 1968

90 Minto Road, Watsonville, CA 95076

Project Number: 433190

AEI Consultants

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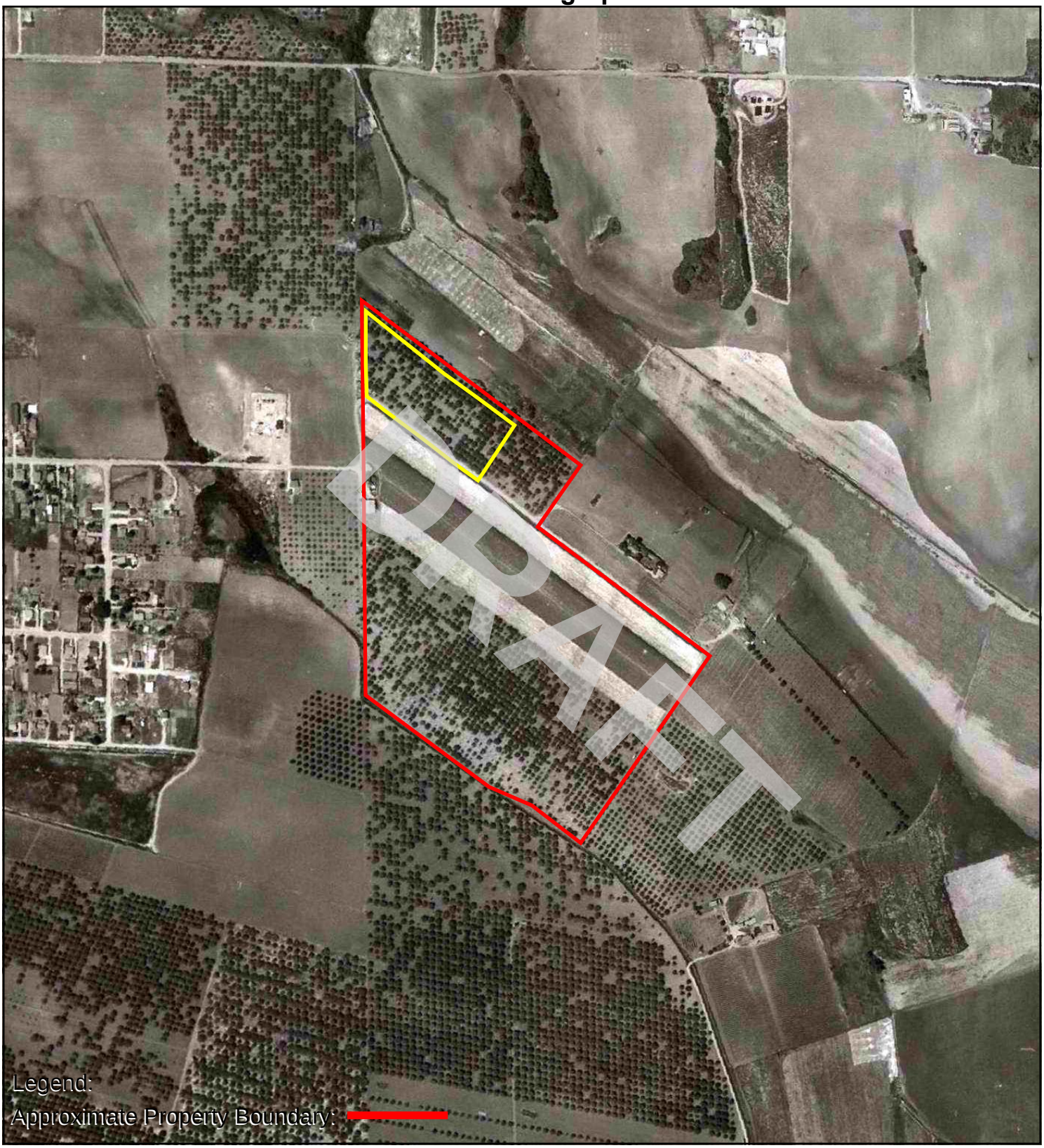
Project Number: 433190

AEI Consultants

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# AERIAL PHOTOGRAPH - 1948

90 Minto Road, Watsonville, CA 95076

Project Number: 433190

AEI Consultants

**433190**
90 Minto Road
Watsonville, CA 95076

Inquiry Number: 6338319.6
January 25, 2021



# The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

# TABLE OF CONTENTS

## SECTION





***Thank you for your business.***
Please contact EDR at 1-800-352-0050
with any questions or comments.

# 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 city directory data at 5 year intervals.

## RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.

Data by infoUSA®





## 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.

| Year | Target Street | Cross Street | Source |
|---|---|---|---|
| 2017 | ☑ | ☐ | EDR Digital Archive |
| 2014 | ☑ | ☐ | EDR Digital Archive |
| 2010 | ☑ | ☐ | EDR Digital Archive |
| 2005 | ☑ | ☐ | EDR Digital Archive |
| 2000 | ☑ | ☐ | EDR Digital Archive |
| 1995 | ☑ | ☐ | EDR Digital Archive |
| 1992 | ☑ | ☐ | EDR Digital Archive |
| 1986 | ☑ | ☐ | POLK DIRECTORY CO |
| 1981 | ☑ | ☐ | POLK DIRECTORY CO |
| 1976 | ☑ | ☐ | POLK DIRECTORY CO |
| 1971 | ☑ | ☐ | POLK DIRECTORY CO |
| 1968 | ☑ | ☐ | POLK DIRECTORY CO |
| 1964 | ☐ | ☐ | POLK DIRECTORY CO |
| 1960 | ☐ | ☐ | POLK DIRECTORY CO |

# EXECUTIVE SUMMARY

| ***Year*** | ***Target Street*** | ***Cross Street*** | ***Source*** |
|---|---|---|---|

# FINDINGS

## TARGET PROPERTY STREET

90 Minto Road
Watsonville, CA 95076

| *Year* | *CD Image* | *Source* | |
|---|---|---|---|
| **MINTO RD** | | | |
| 2017 | pg A1 | EDR Digital Archive | |
| 2014 | pg A2 | EDR Digital Archive | |
| 2010 | pg A3 | EDR Digital Archive | |
| 2005 | pg A4 | EDR Digital Archive | |
| 2000 | pg A5 | EDR Digital Archive | |
| 1995 | pg A6 | EDR Digital Archive | |
| 1992 | pg A7 | EDR Digital Archive | |
| 1986 | pg A8 | POLK DIRECTORY CO | |
| 1981 | pg A10 | POLK DIRECTORY CO | |
| 1981 | pg A9 | POLK DIRECTORY CO | |
| 1976 | pg A11 | POLK DIRECTORY CO | |
| 1971 | pg A12 | POLK DIRECTORY CO | |
| 1968 | pg A13 | POLK DIRECTORY CO | |
| 1964 | - | POLK DIRECTORY CO | Street not listed in Source |
| 1960 | - | POLK DIRECTORY CO | Street not listed in Source |

# FINDINGS

## CROSS STREETS

No Cross Streets Identified

# City Directory Images

| Target Street | Cross Street | Source |
| --- | --- | --- |
| ✓ | - | EDR Digital Archive |

## MINTO RD 2017

| | |
| --- | --- |
| 78 | SANCHEZ, COLIN |
| 90 | PEREZ, BAUDELIO |
| 200 | CAMPOS, MARGARITA |
| 280 | CASTANEDA, SULEMA |

| Target Street | Cross Street | Source |
| --- | --- | --- |
| ✓ | - | EDR Digital Archive |

## MINTO RD 2014

| | |
| --- | --- |
| 78 | ALANIS, JUANA |
| 90 | PEREZ, BAUDELIO |
| 200 | QUESADA, JESSE |
| | SILVA, REYNA |
| 280 | DIAZ, JULIO H |

| Target Street | Cross Street | Source |
| --- | --- | --- |
| ✓ | - | EDR Digital Archive |

## MINTO RD 2010

| | |
| --- | --- |
| 76 | ETO, SUE S |
| 90 | GUZMAN, PEDRO |
| 200 | BOGDAN, LOUISE L |
| | QUESADA, JESSE |
| 280 | MORENO, MARTHA |

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | EDR Digital Archive |

## MINTO RD 2005

| | |
|---|---|
| 76 | ETO, SUE S |
| 78 | VILLANUEVA, EMA |
| 90 | PEREZ, LEDISLAO R |
| 200 | CABRERA, GALVAN M |
| | RIVIRA, LAZARO |
| | SANDOVAL, JESUS |
| | TOLDSANO, JAMES E |
| 280 | MORA, SALVADOR |

| Target Street | Cross Street | Source |
| --- | --- | --- |
| ✓ | - | EDR Digital Archive |

## MINTO RD 2000

| | |
| --- | --- |
| 76 | ETO, M |
| 78 | YANEZ, FELIPE |
| 90 | JIMENEZ, ANGEL J |

| Target Street | Cross Street | Source |
| --- | --- | --- |
| ✓ | - | EDR Digital Archive |

## MINTO RD 1995

78 JOHNSON, DON
90 JIMENEZ, ANGEL
200 MEDRANO, LORENA

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | EDR Digital Archive |

## MINTO RD 1992

| | |
|---|---|
| 76 | ETO, M |
| 78 | DOERING, DOUGLAS |
| | HOWDER, AMY |
| | JOHNSON, DON |
| | RAMIREZ, G |
| 200 | MEDRANO, JOSE L |

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | POLK DIRECTORY CO |

**MINTO RD 1986**



# MINTO RD —FROM 514 GREEN VALLEY RD EAST

ZIP CODE 95076

6 Mancilla Sylvia ◎
9 White Joe J ◎
10 Vacant
13 Christensen Doris Mrs ◎
724-6220
14 Vacant
17 Brower Wm J ◎ 724-9485
18 Large Roy C Jr ◎
19 Clay Dennis ◎
20 Padilla Ramon 728-5604
24 Vacant
26 Alexa Darlene ◎ 722-1253
30 Garcia R J ◎ 722-4820
MEIDL RD ENDS
48 Vacant
76 Eto Mitsugu ◎ 724-7843
78 Doering Louis 728-1293
90 Lukrich Orchards nursery
728-3067

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | POLK DIRECTORY CO |

**MINTO RD 1981**



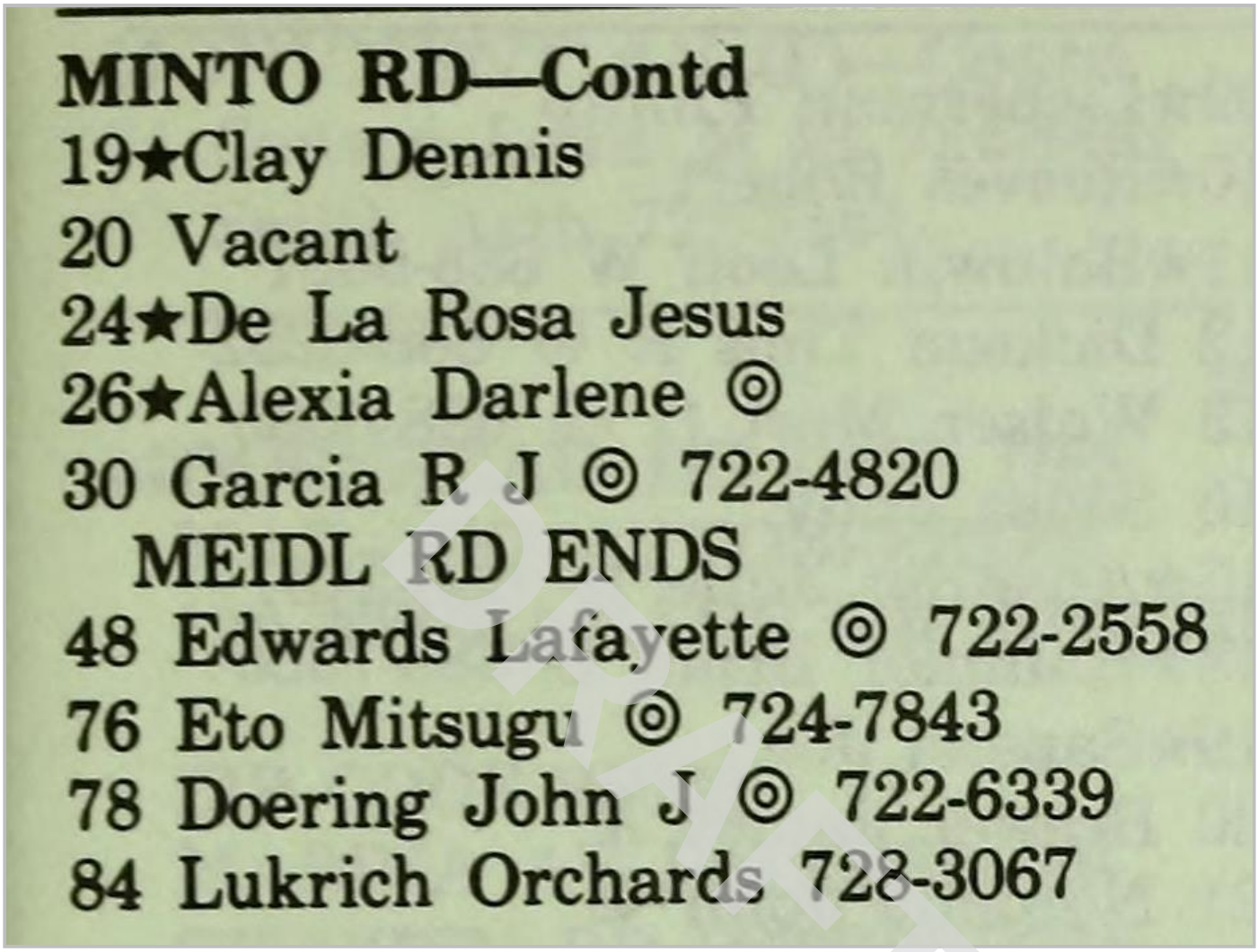
# MINTO RD —FROM 514 GREEN VALLEY RD EAST

ZIP CODE 95076

6★Mancilla Ofelia
9 White Joe J ◎
10 Spellins Jim ◎ 724-3090
13 Christensen Doris Mrs ◎
724-6220
14 Morris David 724-9244
15 No Return
17 Brower Wm J ◎ 724-9485
18 Large Roy C Jr ◎ 722-2692

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | POLK DIRECTORY CO |

**MINTO RD 1981**



MINTO RD—Contd
19★Clay Dennis
20 Vacant
24★De La Rosa Jesus
26★Alexia Darlene ◎
30 Garcia R J ◎ 722-4820
MEIDL RD ENDS
48 Edwards Lafayette ◎ 722-2558
76 Eto Mitsugu ◎ 724-7843
78 Doering John J ◎ 722-6339
84 Lukrich Orchards 728-3067

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | POLK DIRECTORY CO |

**MINTO RD 1976**



# MINTO AV —FROM 514 GREEN VALLEY RD EAST

ZIP CODE 95076

6★Webb Donald A
9 White Joe J ◎
10 Spellins Jim ◎ 724-3090
13 Christensen Doris Mrs ◎ 724-6220
14 Dawal Ted 722-4914
17 Brower Wm J ◎ 724-9485
18 Large Roy C Jr ◎ 722-2692
19 White Joseph A ◎ 724-7064
20 No Return
24 Rutherford Wm ◎ 722-2942
26 So Toshi H ◎ 722-1354
30 Lightfoot Donald L ◎ 722-5906
MEIDL RD ENDS
48 Edwards Lafayette ◎ 722-2558
76 Eto Mitsugu ◎ 724-7843
78 Doering John J ◎ 722-6339
84 Lukrich Orchards
200 Vacant

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | POLK DIRECTORY CO |

**MINTO RD 1971**



# MINTO AV —FROM 514 GREEN VALLEY RD EAST

ZIP CODE 95076

6 Tucker Robt 722-6079
9 Kellogg Elsie Mrs ◎ 724-5131
10 Harris Glenn 722-1731
13 Christensen Arth L ◎ 724-6220
14 Dawal Ted 722-4914
17 Brower Wm J ◎ 724-9485
18 Large Roy C Jr ◎ 722-2692
19 White Joseph A ◎ 724-7064
20 Salcedo Carlos
24 Rutherford Wm ◎ 722-2942
26 So Toshi H ◎ 722-1354
30 Lightfoot Donald L ◎

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | POLK DIRECTORY CO |

**MINTO RD 1968**



MINTO AV -FROM 514 GREEN VALLEY RD EAST

---ZIP CODE 95076

6 AYERS WM N

9 KELLOGG ELSIE MRS ●
724-5131

10 LOGUE JAMES F 724-4227

13 CHRISTENSEN ARTH L ●
724-6220

14 MOLDENHAUER L W
724-9164

17 BROWDER WM J ● 724-9485

18 LARGE ROY C JR ●
722-2692

19 WHITE JOSEPH A ●
724-7064

20 DEWART WM I ● 724-7034

24 RUTHERFORD WM ●

26 SO TOSHI H ● 722-1354

30 BASTARDO RUDOLPH ●
722-5510

433190

90 Minto Road

Watsonville, CA 95076

Inquiry Number: 6338319.3

January 21, 2021



# Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

# Certified Sanborn® Map Report

01/21/21

**Site Name:**

433190
90 Minto Road
Watsonville, CA 95076
EDR Inquiry # 6338319.3

**Client Name:**

AEI Consultants
2500 Camino Diablo
Walnut Creek, CA 94597
Contact: Fabiola Guzman

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by AEI Consultants were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## *Certified Sanborn Results:*

**Certification #** B869-4541-9110

**PO #** 246580

**Project** 433190

### UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: B869-4541-9110

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

*The Sanborn Library LLC Since 1866™*

### Limited Permission To Make Copies

AEI Consultants (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

# APPENDIX E

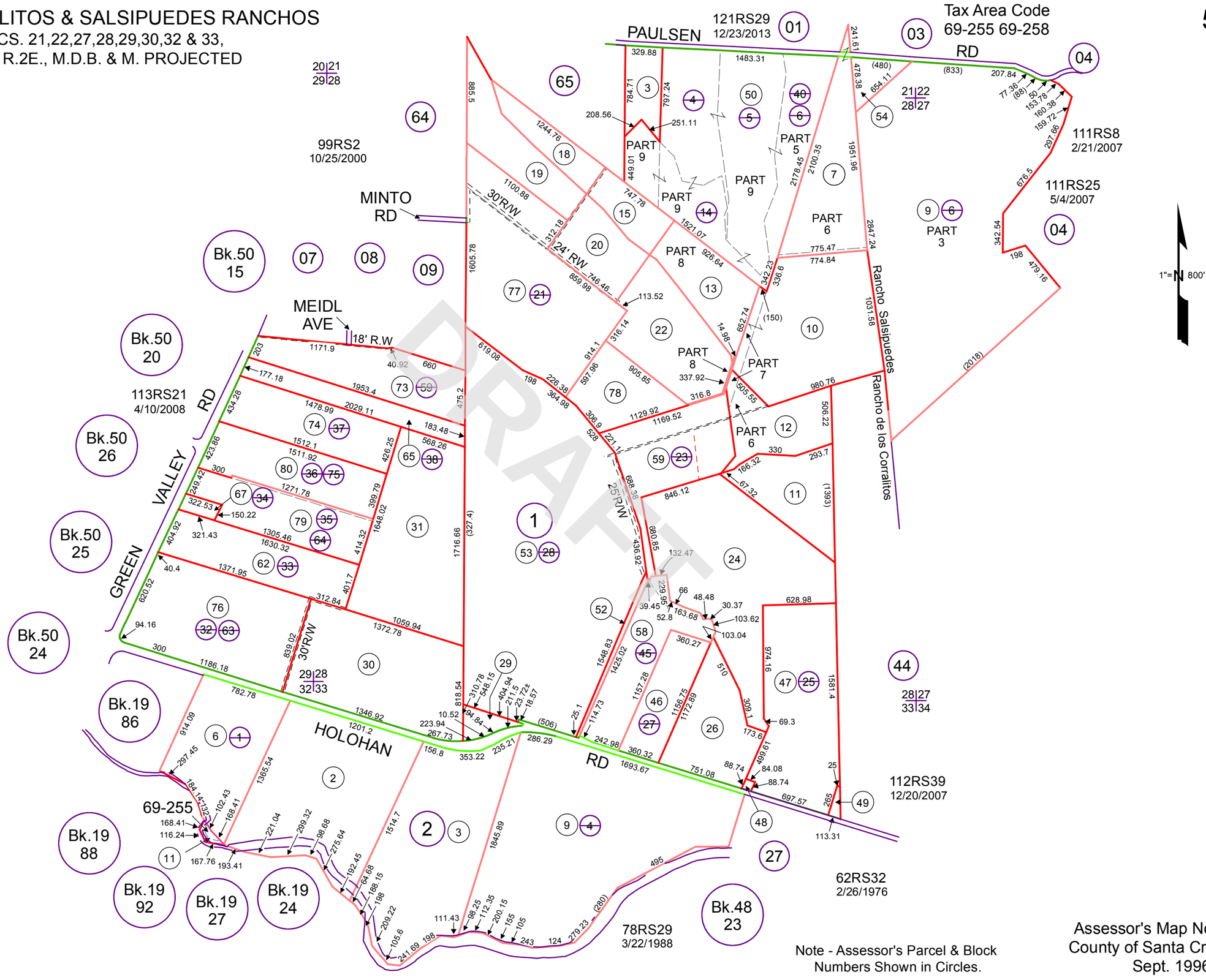
# REGULATORY AGENCY RECORDS

# POR. CORRALITOS & SALSIPUEDES RANCHOS
SECS. 21,22,27,28,29,30,32 & 33,
T.11S., R.2E., M.D.B. & M. PROJECTED

51-10

Tax Area Code
69-255 69-258






Electronically Repositioned 9/18/96 rw
Rev 11/27/00 mvn (99RS2)
Rev 1/2/01 CB (Removed 2-08 & 10 to pg 19-86)
Rev 1/4/01 CB (Chng pg ref)
Rev 6/6/01 mvn (changed page refs.)
Rev 1/7/02 mvn (TCA)
Rev 2/26/02 mvn (st name)
Rev 6/27/02 DD (2-0018408 & 09, 1-77 & 78)
Rev 7/13/07 td (corr. to 1-74 & 75 per. 3387/620)
Rev 7/13/07 td (corr. to boundary of 1-54 & 09)
Rev 7/13/07 td (111RS8 & 111RS25)
Rev 7/25/07 CB (7-0028983, LBA 1-79 & 80)
Rev 7/25/07 CB (Cor to TCA Info)
Rev 10/6/08 CB (Spatial Adjustment)
Rev 1/22/09 CB (112RS39)
Rev 3/26/13 CB (Accepted 1-66 & 72 to the st as per 3337/57)
Rev 2/19/14 CB (121RS29)

Note - Assessor's Parcel & Block Numbers Shown in Circles.

Assessor's Map No. 51-10
County of Santa Cruz, Calif.
Sept. 1996

Search & Select Map | Recorded Maps & Docs | Select & Query Layers | Measure & Lat/Long | Draw & Print | Links & Help

APN Address Street Intersection

90 minto

Select Overlay

Select Base Map

Property Report

Zoning Report


Close

Parcel Information

Recorded Maps & Docs

Select and Query Results

Parcel Info | Land Use | Biotic & Water Resources | Special Districts | Jurisdictional, Elections, & Census | Hazards & GeoPhysical | School Districts & CSAs

| | | | |
|---|---|---|---|
| APN (Click for Assessor Info) | 05110177 | Sect Town Range | SEC21; SEC28; T11S-R2E |
| APN Map (Click for Map) | 05110 | Tax Code Areas | 69-258 |
| Click for Permit Data: | Permit Data | Map Book | 051 |
| Click for Other Planning Data: | Planning Data | Home Owner Exemption (HOE=Yes) | |
| Assessor's Acreage | 37.0000 | Assessor's Use Code Description | 411-ORCHARD/RESIDENCE |
| Assessor's Square Feet | 1611720.0000 | Assessor's Use Code | 411 |
| Click Situs Address for Google Maps | 90 MINTO RD | Situs City State Zip | WATSONVILLE, CA 95076-1339 |
| Click for Tax info | Tax Information | Map Page | 051-10 |

# Assessor's Office



## Parcel Info

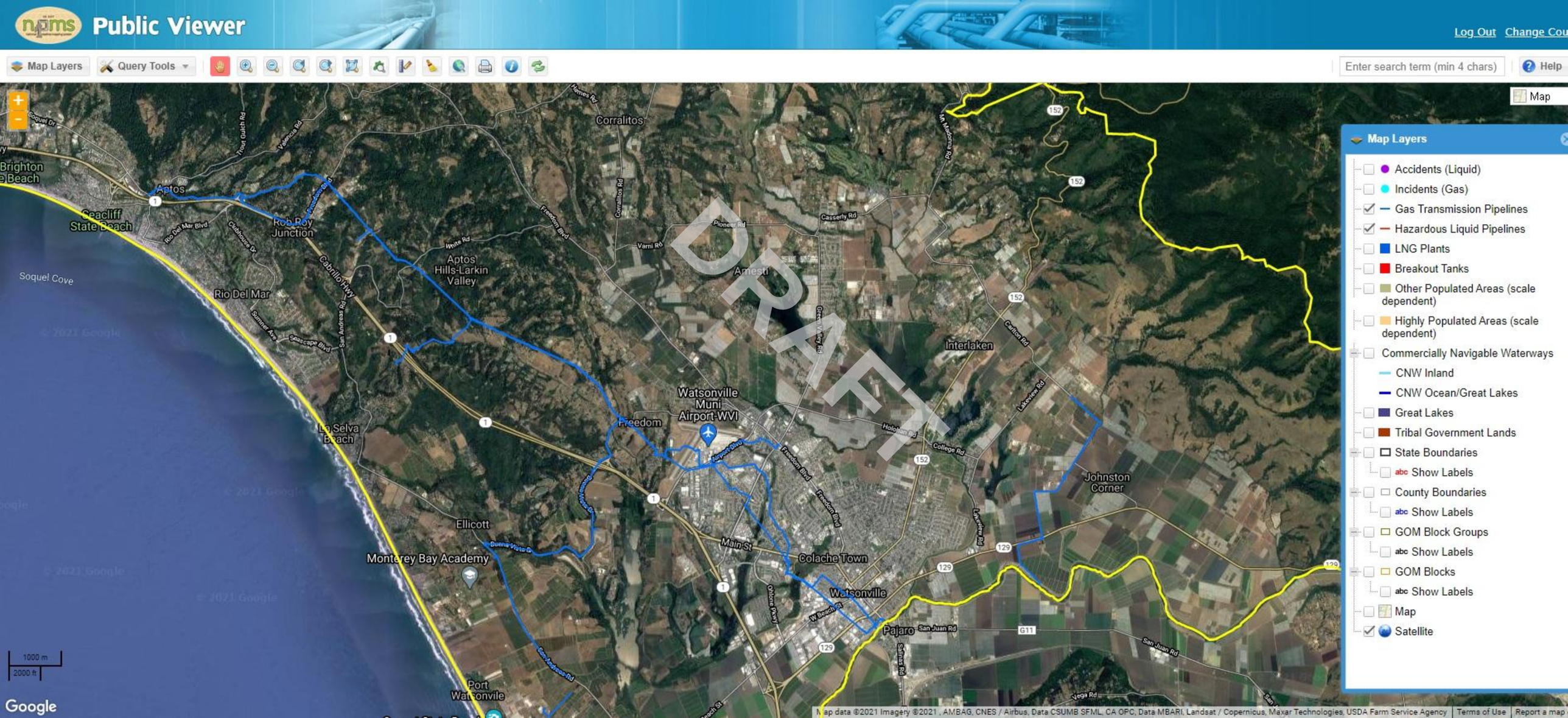
| APN | Situs Address | Class |
|---|---|---|
| 05110177 | 90 MINTO RD, WATSONVILLE , 95076-1339 | 411-ORCHARD/RESIDENCE |

## Site Information

| | | | | | |
|---|---|---|---|---|---|
| **Parcel #** | 05110177 | **General Plan** | AG AGRICULTURE | **Zoning** | CA |
| **View** | NO VIEW | **Parcel Size (sqr-ft)** | 1,611,720 | **Water** | WELL WATER |
| **Topography** | LEVEL | **Parcel Size (acres)** | 37.0000 | **Sanitation** | SEPTIC TANK |
| **Other Buildings** | Y | | | | |

### Building 1

| | | | | | |
|---|---|---|---|---|---|
| **Year Built** | 1929 | **Main Area** | 760 | **Decks** | 0 |
| **Effective Year** | 1929 | **Room Count** | 4 | **Porch** | 0 |
| **# of Units** | 0 | **Bedrooms** | 2 | **Pool** | N |
| **Condition** | AVERAGE | **Bathrooms (F/H)** | 1 / 0 | **Spa** | N |
| **Concrete** | 0 | **Roof** | COMP SHINGLE | **Garage** | 0 |
| **Fireplaces** | 0 | **Heat** | N/A | **Carport** | 0 |


Public Viewer
Log Out
Change Cou
Map Layers
Query Tools
Enter search term (min 4 chars)
Help
Map
DRAFT
Map Layers
Accidents (Liquid)
Incidents (Gas)
Gas Transmission Pipelines
Hazardous Liquid Pipelines
LNG Plants
Breakout Tanks
Other Populated Areas (scale dependent)
Highly Populated Areas (scale dependent)
Commercially Navigable Waterways
CNW Inland
CNW Ocean/Great Lakes
Great Lakes
Tribal Government Lands
State Boundaries
Show Labels
County Boundaries
Show Labels
GOM Block Groups
Show Labels
GOM Blocks
Show Labels
Map
Satellite
Corralitos
Aptos
Seacliff State Beach
Rob Roy Junction
Aptos Hills-Larkin Valley
Rio Del Mar
Soquel Cove
Amesti
Interlaken
Watsonville Muni Airport-WVI
Freedom
La Selva Beach
Ellicott
Monterey Bay Academy
Colache Town
Watsonville
Johnston Corner
Pajaro
Port Watsonville
Google
Map data ©2021 Imagery ©2021 , AMBAG, CNES / Airbus, Data CSUMB SFML, CA OPC, Data MBARI, Landsat / Copernicus, Maxar Technologies, USDA Farm Service Agency
Terms of Use
Report a map

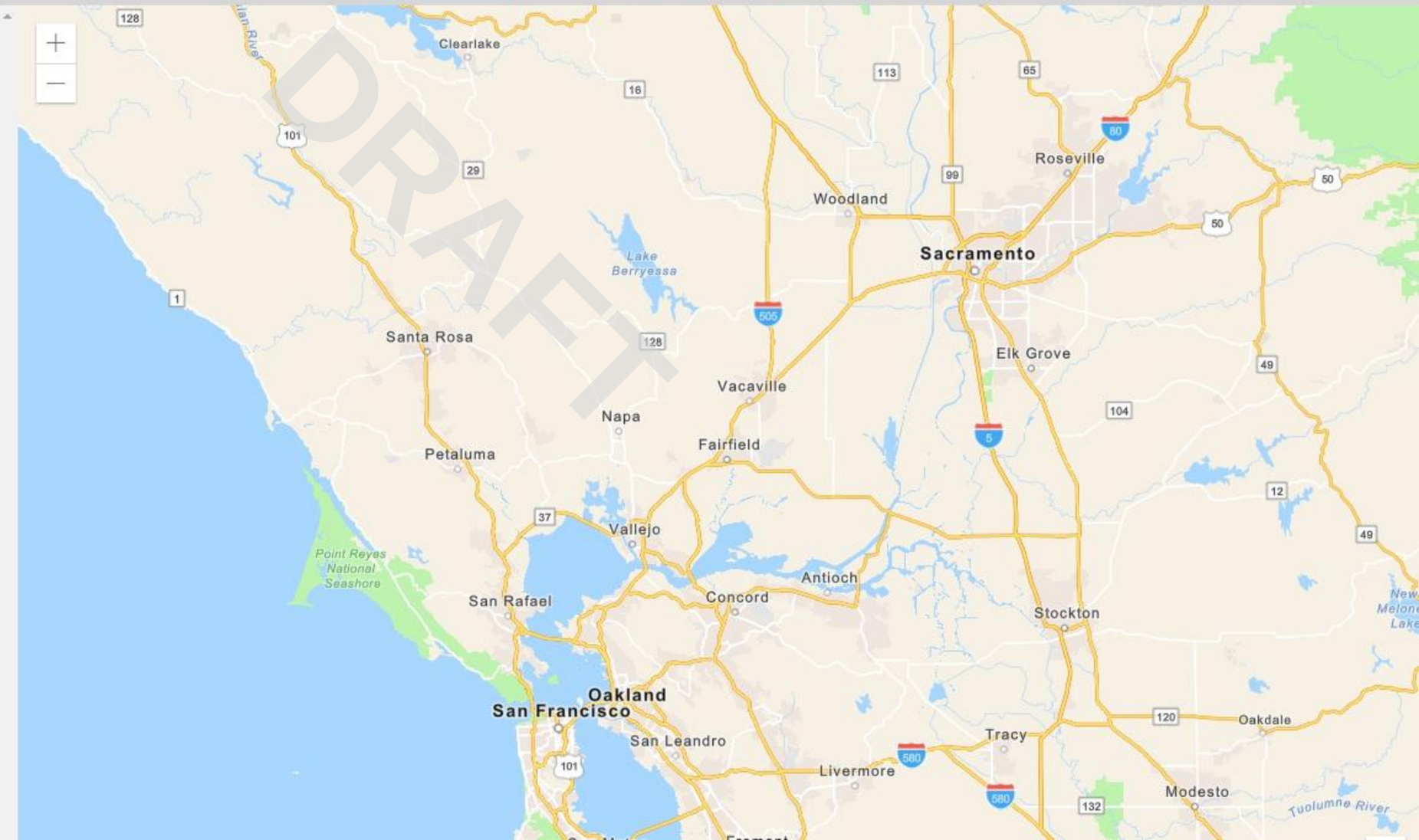
# Hazardous Waste Tracking System

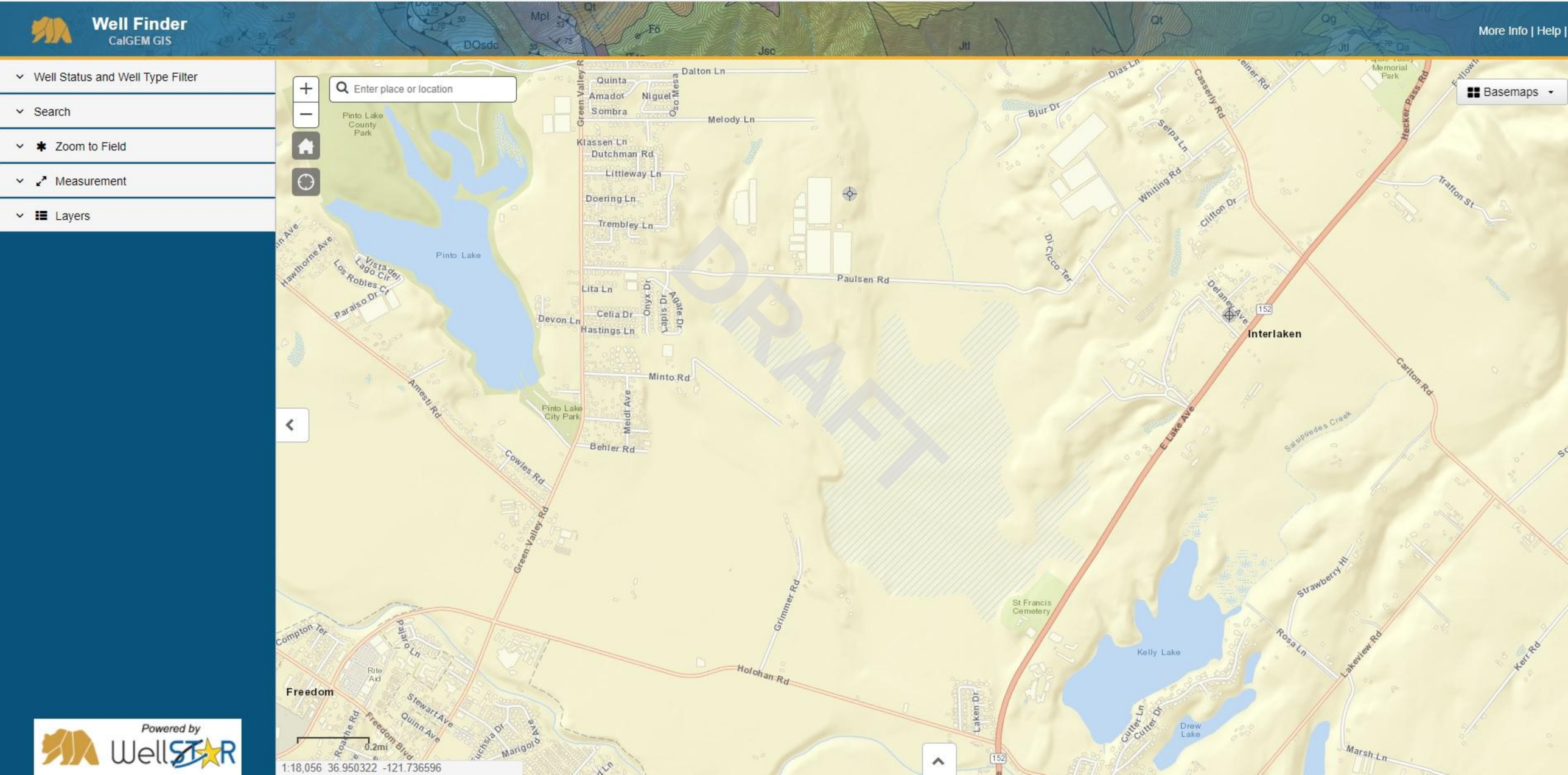
Handler Search | Reports | ID Number | Log In

Search by... | Enter a Handler Name or ID Number

Advanced Filters

Handler | Status | Category | Type | Address Type | 90 minto | watsonville | Zip Code... | County... | Update | Clear




Well Finder
CalGEM GIS
More Info | Help |
Well Status and Well Type Filter
Search
Zoom to Field
Measurement
Layers
Enter place or location
Basemaps
Pinto Lake County Park
Pinto Lake
Pinto Lake City Park
Dalton Ln
Quinta
Amador
Niguel
Sombra
Oso Mesa
Melody Ln
Klassen Ln
Dutchman Rd
Littleway Ln
Doering Ln
Trembley Ln
Paulsen Rd
Lita Ln
Devon Ln
Celia Dr
Hastings Ln
Onyx Dr
Lapis Dr
Agate Dr
Minto Rd
Meidl Ave
Behler Rd
Cowles Rd
Amesti Rd
Green Valley Rd
Hawthorne Ave
Vista del Lago Cir
Los Robles Ct
Paraiso Dr
Bjur Dr
Dias Ln
Casserly Rd
Heimer Rd
Heckker Pass Rd
Serpa Ln
Whiting Rd
Clifton Dr
Di Cicco Ter
Trafton St
Delaney Ave
152
Interlaken
E Lake Ave
Carlton Rd
Salsipuedes Creek
Strawberry Hl
Rosa Ln
Lakeview Rd
Kerr Rd
Marsh Ln
St Francis Cemetery
Kelly Lake
Drew Lake
Cutter Ln
Cutter Dr
Laken Dr
Grimmer Rd
Holohan Rd
Freedom
Compton Ter
Pajaro Ln
Rite Aid
Stewart Ave
Quinn Ave
Freedom Blvd
Roache Rd
Fuchsia Dr
Marigold Ave
0.2mi
1:18,056 36.950322 -121.736596
DRAFT
Powered by WellSTAR

# APPENDIX F

# OTHER SUPPORTING DOCUMENTATION

| | | | | |
|---|---|---|---|---|
| 90 Minto Road<br>Watsonville, CA | Ag under leased production, confirm access with John. | | John Lukrich<br>831-818-3177 |  |

# APPENDIX G

# QUALIFICATIONS

**Christopher Olsen □Associate Consultant**

**Education:**

BA Environmental Studies, UC Santa Barbara
MBA Santa Clara University, Leavey School of Business

**Training/Licenses/Registrations:**

AHERA, Asbestos Building Inspector

**Summary of Professional Experience:**

Mr. Olsen has had experience in the environmental consulting, property disclosure, and real estate due diligence industry since 1994. Mr. Olsen has performed several thousand Phase I Environmental Site Assessments (ESAs) including Fannie Mae, Freddie Mac, HUD and FDIC scopes of work. Mr. Olsen has performed asbestos, lead-based paint, radon, and mold sampling on hundreds of Phase I ESA projects. He has completed Phase I ESA projects on all property types, including heavy and light industrial, commercial office and retail, hospitality, multifamily, mobile home parks, hospital and skilled nursing facilities, resort properties, automotive service facilities, and waste processing facilities. Mr. Olsen has several years' experience reviewing Phase I ESA reports, and conducing □desk reviews□ of Phase I ESAs as a third-party reviewer. Mr. Olsen has completed approximately 50 Property Condition Assessments.

Select project experience for Mr. Olsen includes:

- **Oakridge Shopping Center, San Jose, CA** - This 1.14M SF shopping center was constructed in 1971. HRECs were identified in connection with a former auto service facility which was on site. Mr. Olsen recommended an ACM O&M plan.
- **Garaventa Transfer Station, Pittsburg, CA** - This 11.05-acre site is a recycling and solid waste transfer station. RECs were identified, and an ACM O&M plan was recommended as well as continued groundwater monitoring and remediation per RWQCB requirements.
- **Embassy Suites, South Lake Tahoe, CA** - Embassy Suites is a resort hotel. No RECs were identified; however, Mr. Olsen recommended an ACM O&M plan.
- **Durkee Industrial Facility, Richmond, CA** - This 6.32-acre commercial/industrial property was found to have multiple RECs due to historic industrial uses. Groundwater contamination was reported. Mr. Olsen recommended continued groundwater monitoring and remediation per RWQCB requirements.
- **Office Tower, 100 Van Ness Ave, San Francisco, CA** - This 29-story office tower constructed in 1973 was undergoing a complete interior renovation for conversion to residential use. Several RECs were identified due to the operation of vaulted tanks without permits or tank testing documentation.
- **Mixed-use Property, Oakland, CA** - This 2.45-acre site consisted of ten office and retail buildings constructed between 1868 and 1881. RECs were identified in connection with undocumented former onsite contaminated soil removal. Additionally, an adjacent open SLIC case (groundwater contamination) was reported.
- **Portfolio of five multifamily residential facilities, San Francisco, CA** - No RECs were found while reviewing this portfolio of multifamily residential properties in San Francisco. Mr. Olsen recommended both ACM and LBP O&M plans for these properties.

## Taylor Strickland – Client Manager, Senior Project Manager

B.S. – Marine Science/Biology Dual Major, Chemistry Minor
University of Miami

OSHA 40-hour Hazardous Waste Operations and OSHA Supervisor Certified

Mr. Strickland has worked in environmental consulting, due diligence, and remediation services since 2006. Mr. Strickland's current responsibilities include ensuring ASTM compliance and satisfaction of client requirements, project coordination, and oversight due diligence work in the Rocky Mountain Region. Work functions involve project development and planning, assisting clients, project oversight and technical writing. His experience includes due diligence investigations, soil and groundwater investigations, and remediation.

Project experience for Mr. Strickland includes:

- Working with petroleum related investigations including underground storage tank investigations, monitoring and remediation.
- Monitoring and operation of groundwater treatment systems.
- Oversight and installation of remediation systems, monitoring wells, and the associated sampling.
- Operation and Maintenance of multiple types of remediation systems.
- Due diligence work including database reviews, Phase I, and Phase II site investigations.
- Subsurface investigations involving various chemical releases with the soil and groundwater.

Mr. Strickland has been with AEI since 2012 and provides project management to ensure ASTM compliance and satisfaction of client requirements for Phase I Environmental Site Assessments, Environmental Transaction Analyses, Transaction Screens, and Database Reviews. Mr. Strickland's management and technical experience has allowed AEI's projects to be performed in a cost effective and timely manner to the satisfaction of AEI's clients and regulatory agencies.

# APPENDIX H

# LIST OF COMMONLY USED ABBREVIATIONS

**UNITS**

| | | | |
|---|---|---|---|
| **µg/L** | Micrograms per Liter | **pCi/L** | PicoCuries per Liter |
| **mg/kg** | Milligrams per Kilogram | **ppb** | Parts per Billion |
| **mg/L** | Milligrams per Liter | **ppm** | Parts per Million |

**ABBREVIATIONS AND ACRONYMS**

| | | | |
|---|---|---|---|
| **ACM** | Asbestos-Containing Material | **NESHAP** | National Emission Standards for Hazardous Air Pollutants |
| **ADJ** | Adjacent site | **NFA** | No Further Action |
| **AEI** | AEI Consultants | **NFRAP** | No Further Remedial Action Planned |
| **AHERA** | Asbestos Hazard Emergency Response Act | **NLR** | No Longer Reporting |
| **APN** | Assessor's Parcel Number | **NOV** | Notice of Violation |
| **AST** | Aboveground Storage Tank | **NPL** | National Priorities List |
| **AUL** | Activity and Use Limitation | **O&M** | Operations and Maintenance |
| **bgs** | Below Ground Surface | **OEC** | Other Environmental Considerations |
| **BTEX** | Benzene, Toluene, Ethylbenzene, and Xylenes | **OSHA** | Occupational Safety and Health Administration |
| **CERCLA** | Comprehensive Environmental Response Compensation and Liability Act | **PCB** | Polychlorinated Biphenyl |
| **CERCLIS** | Comprehensive Environmental Response Compensation and Liability Information System | **PCE, PERC** | Perchloroethylene, Tetrachloroethylene, Tetrachloroethene |
| **CESQGs** | Conditionally Exempt Small Quantity Generators | **RCRA** | Resource Conservation and Recovery Act |
| **COC** | Contaminant of Concern | **REC** | Recognized Environmental Condition |
| **CREC** | Controlled Recognized Environmental Condition | **RP** | Responsible Party |
| **EC** | Engineering Controls | **SDS** | Safety Data Sheet |
| **EDR** | Environmental Data Resources, Inc. | **SEMS** | Superfund Enterprise Management System |
| **EPA** | Environmental Protection Agency | **SF** | Square Footage/Square Feet |
| **ERIS** | Environmental Risk Information Services | **SP** | Subject Property |
| **ERNS** | Emergency Response Notification System | **SQG** | Small Quantity Generator |
| **ESA** | Environmental Site Assessment | **SWLF** | Solid Waste Landfill |
| **GPR** | Ground-Penetrating Radar | **SVOC** | Semi-Volatile Organic Compound |
| **HREC** | Historical Recognized Environmental Condition | **TCE** | Trichloroethylene, Trichloroethene |
| **HVAC** | Heating, Ventilation and Air Conditioning | **TPH** | Total Petroleum Hydrocarbons |
| **HWS** | Hazardous Waste Site | **TPHd** | Total Petroleum Hydrocarbons (diesel range) |
| **IC** | Institutional Controls | **TPHg** | Total Petroleum Hydrocarbons (gasoline range) |
| **LBP** | Lead-Based Paint | **TPHo** | Total Petroleum Hydrocarbons (oil range) |
| **LCP** | Lead-Containing Paint | **TRPH** | Total Recoverable Petroleum Hydrocarbons |
| **LLP** | Landowner Liability Protection | **TSDF** | Treatment, Storage, and Disposal Facility |
| **LQG** | Large Quantity Generator | **USDA** | United States Department of Agriculture |
| **LUST** | Leaking Underground Storage Tank | **USGS** | United States Geological Survey |
| **MCL** | Maximum Contaminant Level | **UST** | Underground Storage Tank |
| **MTBE** | Methyl Tertiary Butyl Ether | **VCP** | Voluntary Cleanup Program |
| **ND** | None Detected | **VOC** | Volatile Organic Compound |

# Appendix 3.5B

Hazardous Materials Business Plan Template

# California Environmental Reporting System (CERS) — Business Activities

## Site Identification

**Seahawk BESS**
90 Minto Rd
Watsonville, CA 95076

**County**
Santa Cruz

**CERS ID**
12345678

**EPA ID Number**

## Submittal Status

This was a ***Draft*** submittal as of 10/30/2025; Last updated by *Audrey Herschberger* on 6/19/2025 3:58 PM

## Hazardous Materials

| | |
|---|---|
| Does your facility have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or is regulated under more restrictive inventory local reporting requirements (shown below if present); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70? | **Yes** |

## Underground Storage Tank(s) (UST)

| | |
|---|---|
| Does your facility own or operate underground storage tanks? | **No** |

## Hazardous Waste

| | |
|---|---|
| Is your facility a Hazardous Waste Generator? | **No** |
| Does your facility treat hazardous waste on-site? | **No** |
| Is your facility's treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)? | **No** |
| Does your facility consolidate hazardous waste generated at a remote site? | **No** |
| Does your facility need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site? | **No** |
| Does your facility generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month greater than 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste. | **No** |
| Is your facility a Household Hazardous Waste (HHW) Collection site? | **No** |

## Excluded and/or Exempted Materials

| | |
|---|---|
| Does your facility recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)? | **No** |

## Aboveground Petroleum Storage

| | |
|---|---|
| Does your facility own or operate aboveground petroleum storage tanks or containers AND:<br>* have a total aboveground petroleum storage capacity of 1,320 gallons or more, OR<br>* have one or more petroleum tanks in an underground area? | **Yes** |

## Regulated Substances

| | |
|---|---|
| Does your facility have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release prevention Program (CalARP)? | **No** |

## Additional Information

No additional comments provided.

## Facility/Site

**Seahawk BESS**
90 Minto Rd
Watsonville, CA 95076

CERS ID
12345678

## Submittal Status

This was a ***Draft*** submittal as of 10/30/2025; Last updated by *Audrey Herschberger* on 6/19/2025 3:58 PM

## Identification

Seahawk BESS

| Operator Phone | Business Phone | Business Fax | Beginning Date | Ending Date | |
|---|---|---|---|---|---|
| (123) 456-7890 | (123) 456-7890 | | 12/1/2025 | 12/1/2026 | |
| | | | Dun & Bradstreet | SIC Code | Primary NAICS |

## Facility/Site Mailing Address

123 Happy Street
Sunshine, CA 12345

## Primary Emergency Contact

Bob Smith
Title
Primary Responder

| Business Phone | 24-Hour Phone | Pager Number |
|---|---|---|
| (123) 456-7890 | (123) 456-7890 | |

## Owner

Stan Smith
(123) 456-7890
123 Happy Street
Sunshine, CA 12345

## Secondary Emergency Contact

Joe Smith
Title
Secondary Responder

| Business Phone | 24-Hour Phone | Pager Number |
|---|---|---|
| (123) 456-7890 | (123) 456-7890 | |

## Billing Contact

Accountant Smith
(123) 456-7890 smith.accounting@accounting.com
123 Happy Street
Sunshine, CA 12345

## Environmental Contact

Enzo Smith
(123) 456-7890 enzo.smith@environmental.com
123 Happy Street
Sunshine, CA 12345

| Name of Signer | Signer Title | Document Preparer |
|---|---|---|
| Audrey Herschberger | Environmental Engineer | Audrey Herschberger |

Additional Information

## Locally-collected Fields

Some or all of the following fields may be required by your local regulator(s).

### Property Owner

Phone

Mailing Address

,

Assessor Parcel Number (APN)

Number of Employees

Facility ID

# Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Seahawk **BESS**
Facility Name Seahawk BESS
90 Minto Road, Watsonville 95076

Chemical Location
**BESS Containers**

CERS ID 12345678
Facility ID
Status **Draft**

| DOT Code/Fire Haz. Class | Common Name | Unit | Quantities: Max. Daily | Quantities: Largest Cont. | Quantities: Avg. Daily | Annual Waste Amount | Federal Hazard Categories | Hazardous Components (For mixture only): Component Name | % Wt | EHS | CAS No. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| DOT: 4.3 - Dangerous When Wet Flammable Solid, Water Reactive, Class 2, Unstable (Reactive), Class 1, Corrosive | **Lithium**<br>CAS No<br>7439-93-2 | **Pounds**<br>State<br>Solid<br>Type<br>Pure | **2000**<br>Storage Container<br>Other<br>Days on Site: 365 | **500** | 2000<br>Pressue<br>Ambient<br>Temperature<br>Ambient | 0<br>Waste Code | - Physical Flammable<br>- Physical Explosive | | | | |

# Hazardous Materials And Wastes Inventory Matrix Report

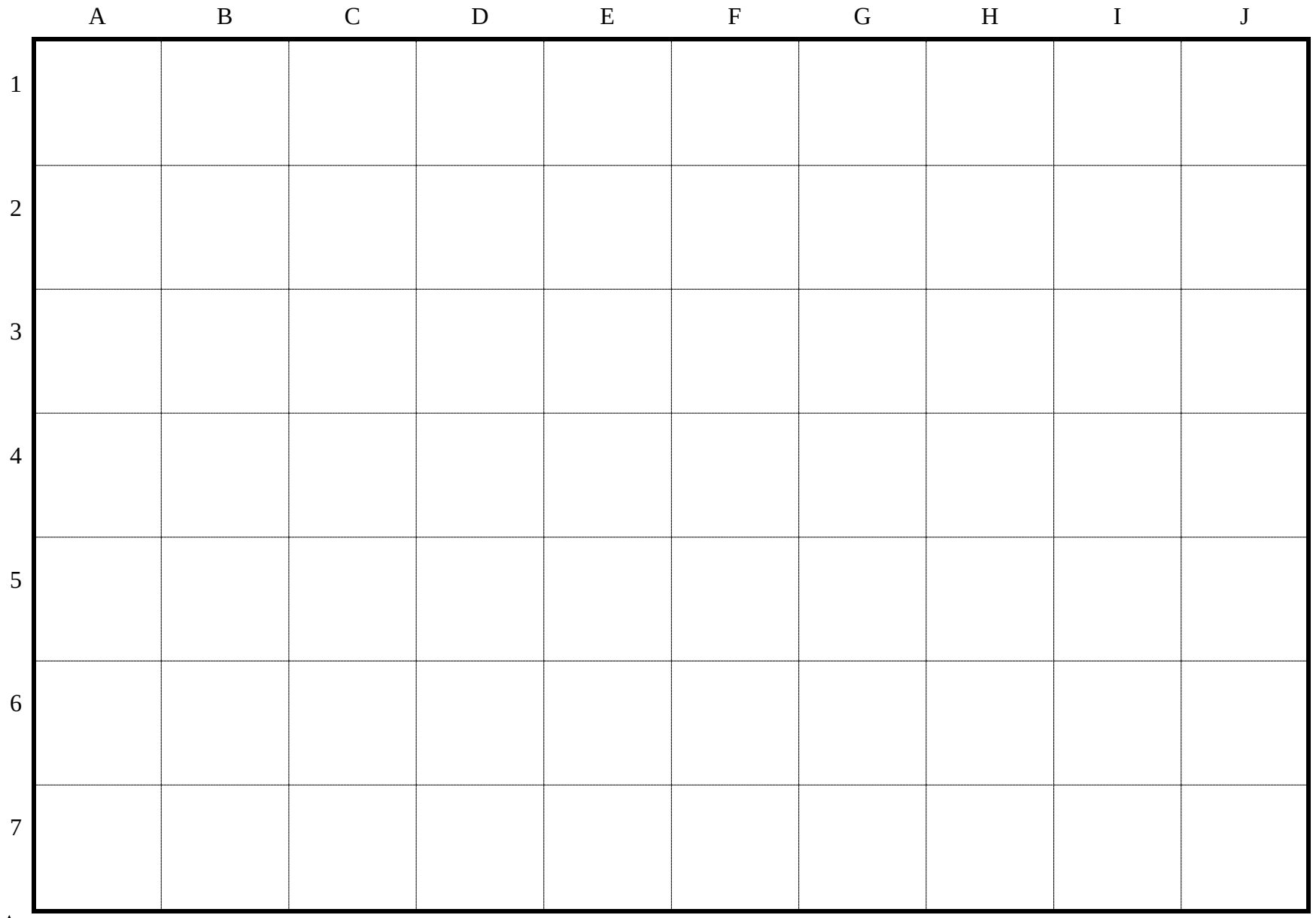
CERS Business/Org. Seahawk **BESS**
Facility Name Seahawk **BESS**
90 Minto Rd, Watsonville 95076

Chemical Location
**Substation Transformers**

CERS ID **1**2345678
Facility ID
Status **Draft**

| DOT Code/Fire Haz. Class | Common Name | Unit | Quantities Max. Daily | Largest Cont. | Avg. Daily | Annual Waste Amount | Federal Hazard Categories | Hazardous Components (For mixture only) Component Name | % Wt | EHS | CAS No. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| DOT: 3 - Flammable and Combustible Liquids<br><br>Combustible Liquid, Class III-B | **Oil, Hydro Light Naph Dist**<br>CAS No<br>64742-53-6 | **Gallons**<br>State<br>Liquid<br>Type<br>Pure | **20000**<br>Storage Container<br>Other<br><br>Days on Site: 365 | **500** | 20000<br>Pressue<br>Ambient<br>Temperature<br>Ambient | 0<br>Waste Code | - Physical Flammable<br>- Health Aspiration Hazard | | | | |

| CALIFORNIA ANNOTATED MAP | Business Name: | Site Address: | Map #: |
|---|---|---|---|




**Site Map Requirements:**

- North Orientation
- Loading Areas
- Adjacent Streets
- Storm and Sewer Drains
- Access and Exit Points
- Emergency Shut-offs
- Evacuation Staging Areas
- Hazardous Material Handling and Storage Areas
- Emergency Response Equipment

↑ North

# IV. California Annotated Site Map - Instructions

Attach a map of the facility using the standard grid. As a minimum, the map should show the following:

1. Site Layout

    - Scale of map
    - Site Orientation (north, south, etc.)
    - Loading areas
    - Parking lots
    - Internal roads
    - Storm and sewer drains
    - Adjacent property use
    - Locations and names of adjacent streets and alleys
    - Access and egress points and roads

2. Facility

    - Location of each storage area
    - Location of each hazardous material handling area
    - Location of emergency response equipment. For example, equipment for fire suppression, approach and mitigation, protective clothing, medical response, etc.

CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS)

# CONSOLIDATED EMERGENCY RESPONSE / CONTINGENCY PLAN

*Prior to completing this Plan, please refer to the INSTRUCTIONS FOR COMPLETING A CONSOLIDATED CONTINGENCY PLAN*

## A. FACILITY IDENTIFICATION AND OPERATIONS OVERVIEW

| FACILITY ID # | A1. | CERS ID # | A2. | DATE OF PLAN PREPARATION/REVISION (MM/DD/YYYY) | A3. |
|---|---|---|---|---|---|
| F A 0 0 | | | | | |

BUSINESS NAME *(Same as Facility Name or DBA - Doing Business As)* A4.

BUSINESS SITE ADDRESS A5.

| BUSINESS SITE CITY | A6. | | ZIP CODE | A7. |
|---|---|---|---|---|
| | | CA | | |

| TYPE OF BUSINESS (e.g., Painting Contractor) | A8. | INCIDENTAL OPERATIONS (e.g., Fleet Maintenance) | A9. |
|---|---|---|---|
| | | | |

THIS PLAN COVERS CHEMICAL SPILLS, FIRES, AND EARTHQUAKES INVOLVING (Check all that apply): A10.

☐ 1. HAZARDOUS MATERIALS; ☐ 2. HAZARDOUS WASTES

## B. INTERNAL RESPONSE

INTERNAL FACILITY EMERGENCY RESPONSE WILL OCCUR BY (Check all that apply): B1.

☐ 1. CALLING PUBLIC EMERGENCY RESPONDERS (e.g., 9-1-1)
☐ 2. CALLING HAZARDOUS WASTE CONTRACTOR
☐ 3. ACTIVATING IN-HOUSE EMERGENCY RESPONSE TEAM

## C. EMERGENCY COMMUNICATIONS, PHONE NUMBERS AND NOTIFICATIONS

In the event of an emergency involving hazardous materials and/or hazardous waste, all facilities must IMMEDIATELY:
1. Notify facility personnel and evacuate if necessary in accordance with the Emergency Action Plan (Title 8 California Code of Regulations §3220);
2. Notify local emergency responders by calling 9-1-1;
3. Notify the local Unified Program Agency (UPA) at the phone number below; and
4. Notify the State Warning Center at (800) 852-7550.

Facilities that generate, treat, store or dispose of hazardous waste have additional responsibilities to notify and coordinate with other response agencies. Whenever there is an imminent or actual emergency situation such as an explosion, fire, or release, the Emergency Coordinator must follow the appropriate requirements for the category of facility and type of release involved:
1. Title 22 California Code of Regulations §66265.56. Emergency Procedures for generators of 1,000 kilograms or more of hazardous waste in any calendar month.
2. Title 22 California Code of Regulations §66265.196. Response to Leaks or Spills and Disposition of Leaking or Unfit-for-Use Tank Systems.
3. Title 40 Code of Federal Regulations §302.6. Notification requirements for a release of a hazardous substance equal to or greater than the reportable quantity.
4. Title 22 California Code of Regulations §66262.34(d)(2) and Title 40 Code of Federal Regulations §262.34(d)(5)(ii) for generators of less than 1000 kilograms of hazardous waste in any calendar month.

Following notification and before facility operations are resumed in areas of the facility affected by the incident, the Emergency Coordinator shall notify the local UPA and the local fire department's hazardous materials program, if necessary, that the facility is in compliance with requirements to:
1. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from an explosion, fire, or release at the facility; and
2. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.

| EMERGENCY RESPONSE PHONE NUMBERS: | | | |
|---|---|---|---|
| | AMBULANCE, FIRE, POLICE AND CHP | 9-1-1 | |
| | CALIFORNIA STATE WARNING CENTER (CSWC)/CAL OES. | (800) 852-7550 | |
| | NATIONAL RESPONSE CENTER (NRC) | (800) 424-8802 | |
| | POISON CONTROL CENTER | (800) 222-1222 | |
| | LOCAL UNIFIED PROGRAM AGENCY (UPA) | | C1. |
| | OTHER (Specify): | C2. | C3. |
| NEAREST MEDICAL FACILITY / HOSPITAL NAME: | | C4. | C5. |

| AGENCY NOTIFICATION PHONE NUMBERS: | | | |
|---|---|---|---|
| | CALIFORNIA DEPT. OF TOXIC SUBSTANCES CONTROL (DTSC) | (916) 255-3545 | |
| | REGIONAL WATER QUALITY CONTROL BOARD (RWQCB). | | C6. |
| | U.S. ENVIRONMENTAL PROTECTION AGENCY (US EPA) | (800) 300-2193 | |
| | CALIFORNIA DEPT. OF FISH AND WILDLIFE (CDFW) | (916) 358-2900 | |
| | U.S. COAST GUARD (USCG) | (202) 267-2180 | |
| | CAL OSHA | (916) 263-2800 | |
| | CAL FIRE OFFICE OF THE STATE FIRE MARSHAL (OSFM) | (916) 568-3800 | |
| | OTHER (Specify): | C7. | C8. |
| | OTHER (Specify): | C9. | C10. |

INTERNAL FACILITY EMERGENCY COMMUNICATIONS OR ALARM NOTIFICATION WILL OCCUR BY (Check all that apply): C11.

☐ 1. VERBAL WARNINGS; ☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM; ☐ 3. TELEPHONE;
☐ 4. PAGERS; ☐ 5. ALARM SYSTEM; ☐ 6. PORTABLE RADIO

NOTIFICATIONS TO NEIGHBORING FACILITIES THAT MAY BE AFFECTED BY AN OFF-SITE RELEASE WILL OCCUR BY (Check all that apply): C12.

☐ 1. VERBAL WARNINGS; ☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM; ☐ 3. TELEPHONE;
☐ 4. PAGERS; ☐ 5. ALARM SYSTEM; ☐ 6. PORTABLE RADIO

EMERGENCY COORDINATOR CONTACT INFORMATION: C13.

PRIMARY EMERGENCY COORDINATOR NAME: PHONE NO.: PHONE NO.:

ALTERNATE EMERGENCY COORDINATOR NAME: PHONE NO.: PHONE NO.:

☐ Check if additional Emergency Coordinator contact and address information is available onsite or by calling PHONE NO.:

Note: If more than one alternate emergency coordinator is designated, attach a list in order of responsibility.

## D. EMERGENCY CONTAINMENT AND CLEANUP PROCEDURES

Check the applicable boxes to indicate your facility's procedures for containing spills and preventing and mitigating releases, fires and/or explosions.

D1.

☐ 1. MONITOR FOR LEAKS, RUPTURES, PRESSURE BUILD-UP, ETC.;
☐ 2. PROVIDE STRUCTURAL PHYSICAL BARRIERS (e.g., Portable spill containment walls, built-in berms);
☐ 3. PROVIDE ABSORBENT PHYSICAL BARRIERS (e.g., Pads, spill pigs, spill pillows);
☐ 4. COVER OR BLOCK FLOOR AND/OR STORM DRAINS;
☐ 5. LINED TRENCH DRAINS AND/OR SUMPS;
☐ 6. AUTOMATIC FIRE SUPPRESSION SYSTEM;
☐ 7. ELIMINATE SOURCES OF IGNITION FOR FLAMMABLE HAZARDS;
☐ 8. STOP PROCESSES AND/OR OPERATIONS;
☐ 9. AUTOMATIC / ELECTRONIC EQUIPMENT SHUT-OFF SYSTEM;
☐ 10. SHUT OFF WATER, GAS, ELECTRICAL UTILITIES;
☐ 11. CALL 9-1-1 FOR PUBLIC EMERGENCY RESPONDER ASSISTANCE AND/OR MEDICAL AID;
☐ 12. NOTIFY AND EVACUATE PERSONS IN ALL THREATENED AND/OR IMPACTED AREAS;
☐ 13. ACCOUNT FOR EVACUATED PERSONS IMMEDIATELY AFTER EVACUATION;
☐ 14. PROVIDE PROTECTIVE EQUIPMENT FOR ON-SITE EMERGENCY RESPONSE TEAM;
☐ 15. REMOVE CONTAINERS AND/OR ISOLATE AREAS;
☐ 16. HIRE LICENSED HAZARDOUS WASTE CONTRACTOR;
☐ 17. USE ABSORBENT MATERIAL FOR SPILL CONTAINMENT;
☐ 18. VACUUM SUCTION USING APPROPRIATE VACUUM (e.g., Intrinsically safe) FOR SPILL CONTROL AND/OR CLEANUP;
☐ 19. DECONTAMINATE PERSONNEL AND EQUIPMENT WITHIN DESIGNATED AREA AND DISPOSE OF WASTEWATER AS HAZARDOUS WASTE;
☐ 20. PROVIDE SAFE TEMPORARY STORAGE OF HAZARDOUS WASTE GENERATED DURING EMERGENCY ACTIONS;
☐ 21. OTHER (Specify): D2.

## E. FACILITY EVACUATION

THE FOLLOWING ALARM SIGNAL(S) WILL BE USED TO BEGIN EVACUATION OF THE FACILITY (Check all that apply): E1.

☐ 1. BELLS; E2.
☐ 2. HORNS/SIRENS;
☐ 3. VERBAL (i.e., Shouting);
☐ 4. OTHER (Specify):

THE FOLLOWING LOCATION(S) WILL BE USED FOR AN EMERGENCY ASSEMBLY AREA(S) (e.g., Parking lot, street corner): E3.

Note: The Emergency Coordinator must account for all onsite employees and visitors after evacuation.

EVACUATION ROUTE S AND ALTERNATE EVACUATION ROUTES ARE DESCRIBED AS FOLLOWS: E4.

☐ 1. WRITTEN PROCEDURES DESCRIBING ROUTES, EXITS, AND ASSEMBLY AREAS;
☐ 2. EVACUATION MAP(S) DEPICTING ROUTES, EXITS, AND ASSEMBLY AREAS;
☐ 3. OTHER (Specify): E5.

Note: Evacuation procedures and/or maps should be posted in visible facility locations and must be included in the Contingency Plan.

## F. ARRANGEMENTS FOR EMERGENCY SERVICES

ADVANCE ARRANGEMENTS FOR LOCAL EMERGENCY SERVICES (Check one of the following): F1.

☐ 1. HAVE BEEN DETERMINED NOT NECESSARY;
☐ 2. THE FOLLOWING ARRANGEMENTS HAVE BEEN MADE (Specify): F2.

Note: Advance arrangements with local fire and police departments, hospitals, state and local emergency response teams, and/or emergency services contractors should be made for your facility, if necessary. Large Quantity Generators must describe arrangements in the Contingency Plan.

## G. EMERGENCY EQUIPMENT

**Check the applicable boxes to list emergency response equipment available at the facility, identify the location(s) where the equipment is kept, and indicate the equipment's capability, if applicable.**

| TYPE | EQUIPMENT AVAILABLE G1. | LOCATION G2. | CAPABILITY G3. |
|---|---|---|---|
| ***EXAMPLE*** | ☒ *CHEMICAL PROTECTIVE GLOVES* | *SPILL RESPONSE KIT* | *SINGLE USE, OIL RESISTANT ONLY* |
| **Safety and First Aid** | 1. ☐ CHEMICAL PROTECTIVE SUITS, APRONS, AND/OR VESTS | | |
| | 2. ☐ CHEMICAL PROTECTIVE GLOVES | | |
| | 3. ☐ CHEMICAL PROTECTIVE BOOTS | | |
| | 4. ☐ SAFETY GLASSES, GOGGLES, AND FACE SHIELDS | | |
| | 5. ☐ HARD HATS | | |
| | 6. ☐ AIR-PURIFYING RESPIRATORS | | |
| | 7. ☐ SELF-CONTAINED BREATHING APPARATUS (SCBA) | | |
| | 8. ☐ FIRST AID KITS | | |
| | 9. ☐ PLUMBED EYEWASH FOUNTAIN AND/OR SHOWER | | |
| | 10. ☐ PORTABLE EYEWASH KITS AND/OR STATION | | |
| | 11. ☐ OTHER | | |
| **Fire Fighting** | 12. ☐ PORTABLE FIRE EXTINGUISHERS | | |
| | 13. ☐ FIXED FIRE SUPPRESSION SYSTEMS AND/ OR SPRINKLERS | | |
| | 14. ☐ FIRE ALARM BOXES | | |
| | 15. ☐ OTHER | | |
| **Spill Control and Clean-Up** | 16. ☐ ALL-IN-ONE SPILL KIT | | |
| | 17. ☐ ABSORBENT MATERIAL | | |
| | 18. ☐ CONTAINER FOR USED ABSORBENT | | |
| | 19. ☐ BERM AND/OR DIKING EQUIPMENT | | |
| | 20. ☐ BROOM | | |
| | 21. ☐ SHOVEL | | |
| | 22. ☐ VACUUM | | |
| | 23. ☐ EXHAUST HOOD | | |
| | 24. ☐ SUMP AND/OR HOLDING TANK | | |
| | 25. ☐ CHEMICAL NEUTRALIZERS | | |
| | 26. ☐ GAS CYLINDER LEAK REPAIR KIT | | |
| | 27. ☐ SPILL OVERPACK DRUMS | | |
| | 28. ☐ OTHER | | |
| **Communi-cations and Alarm Systems** | 29. ☐ TELEPHONES (e.g., Cellular) | | |
| | 30. ☐ INTERCOM AND/OR PA SYSTEM | | |
| | 31. ☐ PORTABLE RADIOS | | |
| | 32. ☐ AUTOMATIC ALARM CHEMICAL MONITORING EQUIPMENT | | |
| **Other** | 33. ☐ OTHER | | |
| | 34. ☐ OTHER | | |

## H. EARTHQUAKE VULNERABILITY

Identify areas of the facility that are vulnerable to hazardous materials releases due to seismic motion. These areas require immediate isolation and inspection.

| VULNERABLE AREAS (Check all that apply): H1. | LOCATIONS (e.g., Shop, outdoor shed, lab): H2. |
|---|---|
| ☐ 1. HAZARDOUS MATERIALS AND/OR WASTE STORAGE AREAS | |
| ☐ 2. PROCESS LINES AND PIPING | |
| ☐ 3. LABORATORY | |
| ☐ 4. WASTE TREATMENT AREA | |

Identify mechanical systems vulnerable to releases / spills due to earthquake-related motion. These systems require immediate isolation and inspection.

| VULNERABLE SYSTEMS AND/OR EQUIPMENT (Check all that apply): H3. | LOCATIONS: H4. |
|---|---|
| ☐ 1. SHELVES, CABINETS AND/OR RACKS | |
| ☐ 2. TANKS AND SHUT-OFF VALVES | |
| ☐ 3. PORTABLE GAS CYLINDERS | |
| ☐ 4. EMERGENCY SHUT-OFF AND/OR UTILITY VALVES | |
| ☐ 5. SPRINKLER SYSTEMS | |
| ☐ 6. STATIONARY PRESSURIZED CONTAINERS (e.g., Propane tank) | |

## I. EMPLOYEE TRAINING

Employee training is required for all employees and/or contractors handling hazardous materials and/or hazardous wastes during normal and/or emergency operations. Most facilities will need to submit a separate Training Plan. However, your CUPA may accept this section as the Training Plan for some small facilities.
Employee training plans may include the following content:

- Applicable laws and regulations;
- Emergency response plans and procedures;
- Safety Data Sheets;
- Hazard communication related to health and safety;
- Methods for safe handling of hazardous substances;
- Hazards of materials and processes (e.g., fire, explosion, asphyxiation);
- Hazard mitigation, prevention and abatement procedures;
- Coordination of emergency response actions;
- Notification procedures for local emergency responders, CUPA, Cal OES, and onsite personnel;
- Communication and alarm systems;
- Personal protective equipment;
- Use and maintenance of emergency response equipment and supplies (e.g. Fire extinguishers, respirators, spill control materials);
- Decontamination procedures;
- Evacuation procedures and evacuation staging locations;
- Identification of facility areas, equipment, and systems vulnerable to earthquakes and other natural disasters.
- OTHER (Specify):

Check the applicable boxes below to indicate how the employee training program is administered.

☐ 1. FORMAL CLASSROOM ☐ 2. VIDEOS ☐ 3. SAFETY MEETINGS ☐ 4. STUDY GUIDES / MANUALS I1.

☐ 5. OTHER (Specify): _____ I2.

☐ 6. NOT APPLICABLE SINCE FACILITY HAS NO EMPLOYEES

☐ 7. CHECK IF A SEPARATE EMPLOYEE TRAINING PLAN IS USED AND UPLOADED TO CERS AS A PDF DOCUMENT I3.

☐ 8. CHECK IF EMPLOYEE TRAINING IS COVERED BY THE ABOVE REFERENCED CONTENT AND OTHER DOCUMENTS ONSITE I4.

**EMPLOYEE TRAINING FREQUENCY AND RECORDKEEPING TRAINING MUST BE:**

- Provided initially for new employees as soon as possible following the date of hire. New employees should not work in an unsupervised position that involves hazardous materials handling and/or hazardous waste management without proper training;
- Provided within six months from the date of hire for new employees at a large quantity generator;
- Ongoing and provided at least annually;
- Amended prior to a change in process or work assignment;
- Given upon modification to the Emergency Response/Contingency Plan.

**Large Quantity Generator Training:** Large quantity generators (1,000 kg or more) must retain written plan and documentation of employee training which includes:

- A written description of the type and amount of both initial and ongoing training that will be given to persons filling each job position having responsibility for hazardous waste management and/or emergency response.
- The name, job title and job description for each position at the facility related to hazardous waste management.
- Current employee training records must be retained until closure of the facility and former employee training records must be retained for at least three years after termination of employment.

**Small Quantity Generator Training:** Small quantity generators (less than 1,000 kg) must include basic hazardous waste management and emergency response procedures but a written employee training plan and training records are not required. In order to show that the facility has met the small quantity generator employee training requirement, an employee training plan and training records may be made available.

**Hazardous Materials Business Plan Training**: Businesses must provide initial and annual employee training that includes the content referenced above. The training may be based on the job position and training records must be made available for a period of at least three years.

## J. LIST OF ATTACHMENTS

Check one of the following: J1.

☐ 1. NO ATTACHMENTS ARE REQUIRED; or

☐ 2. THE FOLLOWING DOCUMENTS ARE ATTACHED: J2.

# California Environmental Reporting System (CERS)

# Aboveground Petroleum Storage Act - Facility Information Report

## Facility/Site

**Poway BESS**
13790 Danielson St
Poway, CA 92064

CERS ID
**10192079**

## Submittal Status

This was a ***Draft*** submittal as of 10/30/2025; Last updated by *Audrey Herschberger* on 6/19/2025 4:09 PM

## APSA Facility Information

**Conditionally Exempt APSA Tank Facility**
N

**Date Of SPCC Plan Certification or Date of 5-Year Review**
1/1/2025

| Total Aboveground Storage Capacity of Petroleum | Number of Tanks in Underground Area(s) |
|---|---|
| 20000 | 0 |

# Appendix 3.5C

Spill Prevention, Control, and Countermeasure Plan Template

# U.S. ENVIRONMENTAL PROTECTION AGENCY
# TIER I QUALIFIED FACILITY SPCC PLAN TEMPLATE

## Instructions to Complete this Template

This template is intended to help the owner or operator of a Tier I qualified facility develop a self-certified Spill Prevention, Control, and Countermeasure (SPCC) Plan. To use this template, your facility must meet all of the applicability criteria of a Tier I qualified facility listed under §112.3(g)(1) of the SPCC rule. This template provides every SPCC rule requirement necessary for a Tier I qualified facility, which you must address and implement.

You may use this template to comply with the SPCC regulation or use it as a model and modify it as necessary to meet your facility-specific needs. If you modify the template, your Plan must include a section cross-referencing the location of each applicable requirement of the SPCC rule and you must ensure that your Plan is an equivalent Plan that meets all applicable rule requirements of 40 CFR 112.6(a)(3).

You may complete this template either electronically or by hand on a printed copy. This document is a reformatted version of the template found in Appendix G of 40 CFR part 112.[a] No substantive changes have been made. Please note that a "Not Applicable" ("N/A") column has been added to both Table G-10 (General Rule Requirements for Onshore Facilities) and Table G-11 (General Rule Requirements for Onshore Oil Production Facilities). The "N/A" column should help you complete your self-certification when a required rule element does not apply to your facility. Use of the "N/A" column is optional and is not required by rule.

All Tier I qualified facility self-certifiers must complete Sections I, II, and III. Additionally, the owner or operator of an:

- Onshore facility (excluding production) must complete Section A.
- Onshore oil production facility (excluding drilling and workover facilities) must complete Section B.
- Onshore oil drilling and workover facility must complete Section C.

Complete and include with your Plan the appropriate attachments. You should consider printing copies of the attachments for use in implementing the SPCC Plan (e.g. Attachment 3.1 - Inspection Log & Schedule; Attachment 4 - Discharge Notification Form).

To complete the template, check the box next to the requirement to indicate that it has been adequately addressed. Either write “N/A” in the column or check the box under the “N/A” column to indicate those requirements that are not applicable to the facility. Where a section requires a description or listing, write in the spaces provided (or attach additional descriptions if more space is needed).

Below is a key for the colors used in the section headers:

| |
|---|
| **Sections I, II, and III:** Required for all Tier I qualified facilities |
| **Section A:** Onshore facilities (excluding production) |
| **Section B:** Onshore oil production facilities (excluding drilling and workover facilities) |
| **Section C:** Onshore oil drilling and workover facilities |
| **Attachments:** 1 - Five Year Review and Technical Amendment Logs<br>2 - Oil Spill Contingency Plan and Checklist<br>3 - Inspections, Dike Drainage and Personnel Training Logs<br>4 - Discharge Notification Form |

After you have completed all appropriate sections, certify and date your Plan, and then implement it by the compliance date. If your facility was in operation before August 16, 2002, and you do not already have a Plan, then implement this template immediately. Conduct inspections and tests in accordance with the written procedures that you have developed for your facility. You must keep with the SPCC Plan a record of these inspections and tests, signed by the appropriate supervisor or inspector, for a period of three years.

Do not forget to periodically review your Plan (at least once every five years) or to update it when you make changes to your facility. You must prepare amendments within six months of the facility change, and implement them as soon as possible, but not later than six months following preparation of any amendment.

In the event that your facility releases oil to navigable waters or adjoining shorelines, immediately call the National Response Center (NRC) at 1-800-424-8802. The NRC is the federal government's centralized reporting center, which is staffed 24 hours per day by U.S. Coast Guard personnel.

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[a] Please note that the use of this template is not mandatory for a Tier I qualified facility. You may also meet the SPCC Plan requirement by preparing a satisfactory Tier II qualified facility Plan, preparing a satisfactory Plan that is certified by a Professional Engineer, or by developing an equivalent Plan for a Tier I qualified facility. Further information on the requirements of these methods can be found in 40 CFR part 112.6(a)(1). If you use any of these alternative methods you must include a cross reference in your Plan that shows how the equivalent Plan meets all applicable 40 CFR part 112 requirements.

# Tier I Qualified Facility SPCC Plan

This template constitutes the SPCC Plan for the facility, when completed and signed by the owner or operator of a facility that meets the applicability criteria in §112.3(g)(1). This template addresses the requirements of 40 CFR part 112. Maintain a complete copy of the Plan at the facility if the facility is normally attended at least four hours per day, or for a facility attended fewer than four hours per day, at the nearest field office. When making operational changes at a facility that are necessary to comply with the rule requirements, the owner/operator should follow state and local requirements (such as for permitting, design and construction) and obtain professional assistance, as appropriate.

**Facility Description**

Facility Name _____

Facility Address _____

City _____ State _____ ZIP _____

County _____ Tel. Number ( ) -

Owner or Operator Name _____

Owner or Operator Address _____

City _____ State _____ ZIP _____

County _____ Tel. Number ( ) -

**I. Self-Certification Statement (§112.6(a)(1))**

The owner or operator of a facility certifies that each of the following is true in order to utilize this template to comply with the SPCC requirements:

I _____ certify that the following is accurate:

1. I am familiar with the applicable requirements of 40 CFR part 112;
2. I have visited and examined the facility;
3. This Plan was prepared in accordance with accepted and sound industry practices and standards;
4. Procedures for required inspections and testing have been established in accordance with industry inspection and testing standards or recommended practices;
5. I will fully implement the Plan;
6. This facility meets the following qualification criteria (under §112.3(g)(1)):
    a. The aggregate aboveground oil storage capacity of the facility is 10,000 U.S. gallons or less; and
    b. The facility has had no single discharge as described in §112.1(b) exceeding 1,000 U.S. gallons and no two discharges as described in §112.1(b) each exceeding 42 U.S. gallons within any twelve month period in the three years prior to the SPCC Plan self-certification date, or since becoming subject to 40 CFR part 112 if the facility has been in operation for less than three years (not including oil discharges as described in §112.1(b) that are the result of natural disasters, acts of war, or terrorism); and
    c. There is no individual oil storage container at the facility with an aboveground capacity greater than 5,000 U.S. gallons.
7. This Plan does not deviate from any requirement of 40 CFR part 112 as allowed by §112.7(a)(2) (environmental equivalence) and §112.7(d) (impracticability of secondary containment) or include any measures pursuant to §112.9(c)(6) for produced water containers and any associated piping;
8. This Plan and individual(s) responsible for implementing this Plan have the full approval of management and I have committed the necessary resources to fully implement this Plan.

I also understand my other obligations relating to the storage of oil at this facility, including, among others:

1. To report any oil discharge to navigable waters or adjoining shorelines to the appropriate authorities. Notification information is included in this Plan.
2. To review and amend this Plan whenever there is a material change at the facility that affects the potential for an oil discharge, and at least once every five years. Reviews and amendments are recorded in an attached log [See Five Year Review Log and Technical Amendment Log in Attachments 1.1 and 1.2.]
3. Optional use of a contingency plan. A contingency plan:
    a. May be used in lieu of secondary containment for qualified oil-filled operational equipment, in accordance with the requirements under §112.7(k), and;
    b. Must be prepared for flowlines and/or intra-facility gathering lines which do not have secondary containment at an oil production facility, and;
    c. Must include an established and documented inspection or monitoring program; must follow the provisions of 40 CFR part 109; and must include a written commitment of manpower, equipment and materials to expeditiously remove any quantity of oil discharged that may be harmful. If applicable, a copy of the contingency plan and any additional documentation will be attached to this Plan as Attachment 2.

I certify that I have satisfied the requirement to prepare and implement a Plan under §112.3 and all of the requirements under §112.6(a). I certify that the information contained in this Plan is true.

Signature _____ Title: _____

Name _____ Date: ___/___/ 20_____

## II. Record of Plan Review and Amendments

### Five Year Review (§112.5(b)):

Complete a review and evaluation of this SPCC Plan at least once every five years. As a result of the review, amend this Plan within six months to include more effective prevention and control measures for the facility**,** if applicable. Implement any SPCC Plan amendment as soon as possible**,** but no later than six months following Plan amendment. Document completion of the review and evaluation, and complete the Five Year Review Log in Attachment 1.1. If the facility no longer meets Tier I qualified facility eligibility, the owner or operator must revise the Plan to meet Tier II qualified facility requirements, or complete a full PE certified Plan.

| **Table G-1 Technical Amendments (§§112.5(a), (c) and 112.6(a)(2))** | |
|---|---|
| This SPCC Plan will be amended when there is a change in the facility design, construction, operation, or maintenance that materially affects the potential for a discharge to navigable waters or adjoining shorelines. Examples include adding or removing containers, reconstruction, replacement, or installation of piping systems, changes to secondary containment systems, changes in product stored at this facility, or revisions to standard operating procedures. | ☐ |
| Any technical amendments to this Plan will be re-certified in accordance with Section I of this Plan template. *[§112.6(a)(2)]* **[See Technical Amendment Log in Attachment 1.2]** | ☐ |

## III. Plan Requirements

### 1. Oil Storage Containers (§112.7(a)(3)(i)):

| Table G-2 Oil Storage Containers and Capacities | |
|---|---|
| This table includes a complete list of all oil storage containers (aboveground containers[a] and completely buried tanks[b]) with capacity of 55 U.S. gallons or more, unless otherwise exempt from the rule. For mobile/portable containers, an estimated number of containers, types of oil, and anticipated capacities are provided. | ☐ |

| **Oil Storage Container** *(indicate whether aboveground (A) or completely buried (B))* | **Type of Oil** | **Shell Capacity (gallons)** |
|---|---|---|
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**Total Aboveground Storage Capacity** [c] _____ gallons
**Total Completely Buried Storage Capacity** _____ gallons
**Facility Total Oil Storage Capacity** _____ gallons

[a] Aboveground storage containers that must be included when calculating total facility oil storage capacity include: tanks and mobile or portable containers; oil-filled operational equipment (e.g. transformers); other oil-filled equipment**,** such as flow-through process equipment. Exempt containers that are not included in the capacity calculation include: any container with a storage capacity of less than 55 gallons of oil; containers used exclusively for wastewater treatment; permanently closed containers; motive power containers; hot-mix asphalt containers; heating oil containers used solely at a single-family residence; and pesticide application equipment or related mix containers.

[b] Although the criteria to determine eligibility for qualified facilities focuses on the aboveground oil storage containers at the facility, the completely buried tanks at a qualified facility are still subject to the rule requirements and must be addressed in the template; however, they are not counted toward the qualified facility applicability threshold.

[c] Counts toward qualified facility applicability threshold.

### 2. Secondary Containment and Oil Spill Control (§§112.6(a)(3)(i) and (ii), 112.7(c) and 112.9(c)(2)):

| Table G-3 Secondary Containment and Oil Spill Control | |
|---|---|
| Appropriate secondary containment and/or diversionary structures or equipment[a] is provided for all oil handling containers, equipment, and transfer areas to prevent a discharge to navigable waters or adjoining shorelines. The entire secondary containment system, including walls and floor, is capable of containing oil and is constructed so that any discharge from a primary containment system, such as a tank or pipe, will not escape the containment system before cleanup occurs. | ☐ |

[a] Use one of the following methods of secondary containment or its equivalent: (1) Dikes, berms, or retaining walls sufficiently impervious to contain oil; (2) Curbing; (3) Culverting, gutters, or other drainage systems; (4) Weirs, booms, or other barriers; (5) Spill diversion ponds; (6) Retention ponds; or (7) Sorbent materials.

Table G-4 below identifies the tanks and containers at the facility with the potential for an oil discharge; the mode of failure; the flow direction and potential quantity of the discharge; and the secondary containment method and containment capacity that is provided.

**Table G-4 Containers with Potential for an Oil Discharge**

| Area | Type of failure (discharge scenario) | Potential discharge volume (gallons) | Direction of flow for uncontained discharge | Secondary containment method[a] | Secondary containment capacity (gallons) |
|---|---|---|---|---|---|
| *Bulk Storage Containers and Mobile/Portable Containers*[b] | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| *Oil-filled Operational Equipment (e.g., hydraulic equipment, transformers)*[c] | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| *Piping, Valves, etc.* | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| *Product Transfer Areas (location where oil is loaded to or from a container, pipe or other piece of equipment.)* | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| *Other Oil-Handling Areas or Oil-Filled Equipment (e.g. flow-through process vessels at an oil production facility)* | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

[a] Use one of the following methods of secondary containment or its equivalent: (1) Dikes, berms, or retaining walls sufficiently impervious to contain oil; (2) Curbing; (3) Culverting, gutters, or other drainage systems; (4) Weirs, booms, or other barriers; (5) Spill diversion ponds; (6) Retention ponds; or (7) Sorbent materials.

[b] For storage tanks and bulk storage containers, the secondary containment capacity must be at least the capacity of the largest container plus additional capacity to contain rainfall or other precipitation.

[c] For oil-filled operational equipment: Document in the table above if alternative measures to secondary containment (as described in §112.7(k)) are implemented at the facility.

**3. Inspections, Testing, Recordkeeping and Personnel Training (§§112.7(e) and (f), 112.8(c)(6) and (d)(4), 112.9(c)(3), 112.12(c)(6) and (d)(4)):**

| Table G-5 Inspections, Testing, Recordkeeping and Personnel Training | |
|---|---|
| An inspection and/or testing program is implemented for all aboveground bulk storage containers and piping at this facility. *[§§112.8(c)(6) and (d)(4), 112.9(c)(3), 112.12(c)(6) and (d)(4)]* | ☐ |
| The following is a description of the inspection and/or testing program (e.g. reference to industry standard utilized, scope, frequency, method of inspection or test, and person conducting the inspection) for all aboveground bulk storage containers and piping at this facility: | |
| Inspections, tests, and records are conducted in accordance with written procedures developed for the facility. Records of inspections and tests kept under usual and customary business practices will suffice for purposes of this paragraph. *[§112.7(e)]* | ☐ |
| A record of the inspections and tests are kept at the facility or with the SPCC Plan for a period of three years. *[§112.7(e)]* **[See Inspection Log and Schedule in Attachment 3.1]** | ☐ |
| Inspections and tests are signed by the appropriate supervisor or inspector. *[§112.7(e)]* | ☐ |
| **Personnel, training, and discharge prevention procedures [§112.7(f)]** | |
| Oil-handling personnel are trained in the operation and maintenance of equipment to prevent discharges; discharge procedure protocols; applicable pollution control laws, rules, and regulations; general facility operations; and, the contents of the facility SPCC Plan. *[§112.7(f)]* | ☐ |
| A person who reports to facility management is designated and accountable for discharge prevention. *[§112.7(f)]*<br>Name/Title: _____ | ☐ |
| Discharge prevention briefings are conducted for oil-handling personnel annually to assure adequate understanding of the SPCC Plan for that facility. Such briefings highlight and describe past reportable discharges or failures, malfunctioning components, and any recently developed precautionary measures. *[§112.7(f)]*<br>**[See Oil-handling Personnel Training and Briefing Log in Attachment 3.4]** | ☐ |

## 4. Security (excluding oil production facilities) §112.7(g):

| Table G-6 Implementation and Description of Security Measures | |
|---|---|
| Security measures are implemented at this facility to prevent unauthorized access to oil handling, processing, and storage area. | ☐ |
| The following is a description of how you secure and control access to the oil handling, processing and storage areas; secure master flow and drain valves; prevent unauthorized access to starter controls on oil pumps; secure out-of-service and loading/unloading connections of oil pipelines; address the appropriateness of security lighting to both prevent acts of vandalism and assist in the discovery of oil discharges: | |

## 5. Emergency Procedures and Notifications (§112.7(a)(3)(iv) and 112.7(a)(5)):

| Table G-7 Description of Emergency Procedures and Notifications |
|---|
| The following is a description of the immediate actions to be taken by facility personnel in the event of a discharge to navigable waters or adjoining shorelines *[§112.7(a)(3)(iv) and 112.7(a)(5)]*: |

## 6. Contact List (§112.7(a)(3)(vi)):

| Table G-8 Contact List | |
|---|---|
| **Contact Organization / Person** | **Telephone Number** |
| National Response Center (NRC) | 1-800-424-8802 |
| Cleanup Contractor(s) | |
| **Key Facility Personnel** | |
| Designated Person Accountable for Discharge Prevention: | Office: |
| | Emergency: |
| | Office: |
| | Emergency: |
| | Office: |
| | Emergency: |
| | Office: |
| | Emergency: |
| State Oil Pollution Control Agencies | |
| Other State, Federal, and Local Agencies | |
| Local Fire Department | |
| Local Police Department | |
| Hospital | |
| Other Contact References (e.g., downstream water intakes or neighboring facilities) | |

## 7. NRC Notification Procedure (§112.7(a)(4) and (a)(5)):

| Table G-9 NRC Notification Procedure | |
|---|---|
| In the event of a discharge of oil to navigable waters or adjoining shorelines, the following information identified in Attachment 4 will be provided to the National Response Center immediately following identification of a discharge to navigable waters or adjoining shorelines **[See Discharge Notification Form in Attachment 4]**: *[§112.7(a)(4)]* | ☐ |

- The exact address or location and phone number of the facility;
- Date and time of the discharge;
- Type of material discharged;
- Estimate of the total quantity discharged;
- Estimate of the quantity discharged to navigable waters;
- Source of the discharge;
- Description of all affected media;
- Cause of the discharge;
- Any damages or injuries caused by the discharge;
- Actions being used to stop, remove, and mitigate the effects of the discharge;
- Whether an evacuation may be needed; and
- Names of individuals and/or organizations who have also been contacted.

## 8. SPCC Spill Reporting Requirements (Report within 60 days) (§112.4):

Submit information to the EPA Regional Administrator (RA) and the appropriate agency or agencies in charge of oil pollution control activities in the State in which the facility is located within 60 days from one of the following discharge events:

A single discharge of more than 1,000 U.S. gallons of oil to navigable waters or adjoining shorelines or
Two discharges to navigable waters or adjoining shorelines each more than 42 U.S. gallons of oil occurring within any twelve month period

*You must submit the following information to the RA:*

(1) Name of the facility;
(2) Your name;
(3) Location of the facility;
(4) Maximum storage or handling capacity of the facility and normal daily throughput;
(5) Corrective action and countermeasures you have taken, including a description of equipment repairs and replacements;
(6) An adequate description of the facility, including maps, flow diagrams, and topographical maps, as necessary;
(7) The cause of the reportable discharge, including a failure analysis of the system or subsystem in which the failure occurred; and
(8) Additional preventive measures you have taken or contemplated to minimize the possibility of recurrence
(9) Such other information as the Regional Administrator may reasonably require pertinent to the Plan or discharge

* * * * *

**NOTE: Complete one of the following sections (A, B or C) as appropriate for the facility type.**

## A. Onshore Facilities (excluding production) (§§112.8(b) through (d), 112.12(b) through (d)):

The owner or operator must meet the general rule requirements as well as requirements under this section. Note that not all provisions may be applicable to all owners/operators. For example, a facility may not maintain completely buried metallic storage tanks installed after January 10, 1974, and thus would not have to abide by requirements in §§112.8(c)(4) and 112.12(c)(4), listed below. **In cases where a provision is not applicable, write "N/A".**

| Table G-10 General Rule Requirements for Onshore Facilities | | N/A |
|---|---|---|
| Drainage from diked storage areas is restrained by valves to prevent a discharge into the drainage system or facility effluent treatment system, except where facility systems are designed to control such discharge. Diked areas may be emptied by pumps or ejectors that must be manually activated after inspecting the condition of the accumulation to ensure no oil will be discharged. *[§§112.8(b)(1) and 112.12(b)(1)]* | ☐ | ☐ |
| Valves of manual, open-and-closed design are used for the drainage of diked areas. *[§§112.8(b)(2) and 112.12(b)(2)]* | ☐ | ☐ |
| The containers at the facility are compatible with materials stored and conditions of storage such as pressure and temperature. *[§§112.8(c)(1) and 112.12(c)(1)]* | ☐ | ☐ |
| Secondary containment for the bulk storage containers (including mobile/portable oil storage containers) holds the capacity of the largest container plus additional capacity to contain precipitation. Mobile or portable oil storage containers are positioned to prevent a discharge as described in §112.1(b). *[§112.6(a)(3)(ii)]* | ☐ | ☐ |
| If uncontaminated rainwater from diked areas drains into a storm drain or open watercourse the following procedures will be implemented at the facility: *[§§112.8(c)(3) and 112.12(c)(3)]* | | |
| • Bypass valve is normally sealed closed | ☐ | ☐ |
| • Retained rainwater is inspected to ensure that its presence will not cause a discharge to navigable waters or adjoining shorelines | ☐ | ☐ |
| • Bypass valve is opened and resealed under responsible supervision | ☐ | ☐ |
| • Adequate records of drainage are kept **[See Dike Drainage Log in Attachment 3.3]** | ☐ | ☐ |
| For completely buried metallic tanks installed on or after January 10, 1974 at this facility *[§§112.8(c)(4) and 112.12(c)(4)]*: | | |
| • Tanks have corrosion protection with coatings or cathodic protection compatible with local soil conditions. | ☐ | ☐ |
| • Regular leak testing is conducted. | ☐ | ☐ |
| For partially buried or bunkered metallic tanks *[§112.8(c)(5) and §112.12(c)(5)]*: | | |
| • Tanks have corrosion protection with coatings or cathodic protection compatible with local soil conditions. | ☐ | ☐ |
| Each aboveground bulk container is tested or inspected for integrity on a regular schedule and whenever material repairs are made. Scope and frequency of the inspections and inspector qualifications are in accordance with industry standards. Container supports and foundations are regularly inspected. **[See Inspection Log and Schedule and Bulk Storage Container Inspection Schedule in Attachments 3.1 and 3.2]** *[§112.8(c)(6) and §112.12(c)(6)(i)]* | ☐ | ☐ |
| Outsides of bulk storage containers are frequently inspected for signs of deterioration, discharges, or accumulation of oil inside diked areas. **[See Inspection Log and Schedule in Attachment 3.1]** *[§§112.8(c)(6) and 112.12(c)(6)]* | ☐ | ☐ |
| For bulk storage containers that are subject to 21 CFR part 110 which are shop-fabricated, constructed of austenitic stainless steel, elevated and have no external insulation, formal visual inspection is conducted on a regular schedule. Appropriate qualifications for personnel performing tests and inspections are documented. **[See Inspection Log and Schedule and Bulk Storage Container Inspection Schedule in Attachments 3.1 and 3.2]** *[§112.12(c)(6)(ii)]* | ☐ | ☐ |

| Table G-10 General Rule Requirements for Onshore Facilities | | N/A |
|---|---|---|
| Each container is provided with a system or documented procedure to prevent overfills for the container. Describe: | ☐ | ☐ |
| Liquid level sensing devices are regularly tested to ensure proper operation **[See Inspection Log and Schedule in Attachment 3.1]**. *[§112.6(a)(3)(iii)]* | ☐ | ☐ |
| Visible discharges which result in a loss of oil from the container, including but not limited to seams, gaskets, piping, pumps, valves, rivets, and bolts are promptly corrected and oil in diked areas is promptly removed. *[§§112.8(c)(10) and 112.12(c)(10)]* | ☐ | ☐ |
| Aboveground valves, piping, and appurtenances such as flange joints, expansion joints, valve glands and bodies, catch pans, pipeline supports, locking of valves, and metal surfaces are inspected regularly. **[See Inspection Log and Schedule in Attachment 3.1]** *[§§112.8(d)(4) and 112.12(d)(4)]* | ☐ | ☐ |
| Integrity and leak testing are conducted on buried piping at the time of installation, modification, construction, relocation, or replacement. **[See Inspection Log and Schedule in Attachment 3.1]** *[§§112.8(d)(4) and 112.12(d)(4)]* | ☐ | ☐ |

## B. Onshore Oil Production Facilities (excluding drilling and workover facilities) (§112.9(b), (c), and (d)):

The owner or operator must meet the general rule requirements as well as the requirements under this section. Note that not all provisions may be applicable to all owners/operators. **In cases where a provision is not applicable, write "N/A".**

| Table G-11 General Rule Requirements for Onshore Oil Production Facilities | | N/A |
|---|---|---|
| At tank batteries, separation and treating areas, drainage is closed and sealed except when draining uncontaminated rainwater. Accumulated oil on the rainwater is returned to storage or disposed of in accordance with legally approved methods. *[§112.9(b)(1)]* | ☐ | ☐ |
| Prior to drainage, diked areas are inspected and *[§112.9(b)(1)]*:<br>• Retained rainwater is inspected to ensure that its presence will not cause a discharge to navigable waters<br>• Bypass valve is opened and resealed under responsible supervision<br>• Adequate records of drainage are kept **[See Dike Drainage Log in Attachment 3.3]** | ☐<br>☐<br>☐ | ☐<br>☐<br>☐ |
| Field drainage systems and oil traps, sumps, or skimmers are inspected at regularly scheduled intervals for oil, and accumulations of oil are promptly removed **[See Inspection Log and Schedule in Attachment 3.1]** *[§112.9(b)(2)]* | ☐ | ☐ |
| The containers used at this facility are compatible with materials stored and conditions of storage. *[§112.9(c)(1)]* | ☐ | ☐ |
| All tank battery, separation, and treating facility installations (except for flow-through process vessels) are constructed with a capacity to hold the largest single container plus additional capacity to contain rainfall. Drainage from undiked areas is safely confined in a catchment basin or holding pond. *[§112.9(c)(2)]* | ☐ | ☐ |
| Except for flow-through process vessels, containers that are on or above the surface of the ground, including foundations and supports, are visually inspected for deterioration and maintenance needs on a regular schedule. **[See Inspection Log and Schedule in Attachment 3.1]** *[§112.9(c)(3)]* | ☐ | ☐ |
| New and old tank batteries at this facility are engineered/updated in accordance with good engineering practices to prevent discharges including at least one of the following:<br>i. adequate container capacity to prevent overfill if regular pumping/gauging is delayed;<br>ii. overflow equalizing lines between containers so that a full container can overflow to an adjacent container;<br>iii. vacuum protection to prevent container collapse; or<br>iv. high level sensors to generate and transmit an alarm to the computer where the facility is subject to a computer production control system. *[§112.9(c)(4)]* | ☐ | ☐ |
| Flow-through process vessels and associated components are:<br>• Are constructed with a capacity to hold the largest single container plus additional capacity to contain rainfall. Drainage from undiked areas is safely confined in a catchment basin or holding pond; *[§112.9(c)(2)]* and<br>• That are on or above the surface of the ground, including foundations and supports, are visually inspected for deterioration and maintenance needs on a regular schedule. **[See Inspection Log and Schedule in Attachment 3.1]** *[§112.9(c)(3)]*<br>*Or*<br>• Visually inspected and/or tested periodically and on a regular schedule for leaks, corrosion, or other conditions that could lead to a discharge to navigable waters; and<br>• Corrective action or repairs are applied to flow-through process vessels and any associated components as indicated by regularly scheduled visual inspections, tests, or evidence of an oil discharge; and<br>• Any accumulations of oil discharges associated with flow-through process vessels are promptly removed; and<br>• Flow-through process vessels are provided with a secondary means of containment for the entire capacity of the largest single container and sufficient freeboard to contain precipitation within six months of a discharge from flow-through process vessels of more than 1,000 U.S. gallons of oil in a single discharge as described in §112.1(b), or a discharge more than 42 U.S. gallons of oil in each of two discharges as described in §112.1(b) within any twelve month period. *[§112.9(c)(5)]* *(Leave blank until such time that this provision is applicable.)* | ☐<br>☐<br>☐<br>☐<br>☐<br>☐ | ☐<br>☐<br>☐<br>☐<br>☐<br>☐ |

| Table G-11 General Rule Requirements for Onshore Oil Production Facilities | | N/A |
|---|---|---|
| All aboveground valves and piping associated with transfer operations are inspected periodically and upon a regular schedule. The general condition of flange joints, valve glands and bodies, drip pans, pipe supports, pumping well polish rod stuffing boxes, bleeder and gauge valves, and other such items are included in the inspection. **[See Inspection Log and Schedule in Attachment 3.1]** *[§112.9(d)(1)]* | ☐ | ☐ |
| An oil spill contingency plan and written commitment of resources are provided for flowlines and intra-facility gathering lines **[See Oil Spill Contingency Plan and Checklist in Attachment 2 and Inspection Log and Schedule in Attachment 3.1]** *[§112.9(d)(3)]*<br>or<br>Appropriate secondary containment and/or diversionary structures or equipment is provided for flowlines and intra-facility gathering lines to prevent a discharge to navigable waters or adjoining shorelines. The entire secondary containment system, including walls and floor, is capable of containing oil and is constructed so that any discharge from the pipe, will not escape the containment system before cleanup occurs. | ☐<br><br>☐ | ☐<br><br>☐ |
| A flowline/intra-facility gathering line maintenance program to prevent discharges from each flowline has been established at this facility. The maintenance program addresses each of the following:<br>• Flowlines and intra-facility gathering lines and associated valves and equipment are compatible with the type of production fluids, their potential corrosivity, volume, and pressure, and other conditions expected in the operational environment;<br>• Flowlines, intra-facility gathering lines and associated appurtenances are visually inspected and/or tested on a periodic and regular schedule for leaks, oil discharges, corrosion, or other conditions that could lead to a discharge as described in §112.1(b). The frequency and type of testing allows for the implementation of a contingency plan as described under part 109 of this chapter.<br>• Corrective action and repairs to any flowlines and intra-facility gathering lines and associated appurtenances as indicated by regularly scheduled visual inspections, tests, or evidence of a discharge.<br>• Accumulations of oil discharges associated with flowlines, intra-facility gathering lines, and associated appurtenances are promptly removed. *[§112.9(d)(4)]* | ☐<br>☐<br>☐<br>☐<br>☐ | ☐<br>☐<br>☐<br>☐<br>☐ |
| The following is a description of the flowline/intra-facility gathering line maintenance program implemented at this facility: | | |

## C. Onshore Oil Drilling and Workover Facilities (§112.10(b), (c) and (d)):

The owner or operator must meet the general rule requirements as well as the requirements under this section.

| Table G-12 General Rule Requirements for Onshore Oil Drilling and Workover Facilities | |
|---|---|
| Mobile drilling or worker equipment is positioned or located to prevent discharge as described in §112.1(b). *[§112.10(b)]* | ☐ |
| Catchment basins or diversion structures are provided to intercept and contain discharges of fuel, crude oil, or oily drilling fluids. *[§112.10(c)]* | ☐ |
| A blowout prevention (BOP) assembly and well control system was installed before drilling below any casing string or during workover operations. *[§112.10(d)]* | ☐ |
| The BOP assembly and well control system is capable of controlling any well-head pressure that may be encountered while the BOP assembly and well control system are on the well. *[§112.10(d)]* | ☐ |

## ATTACHMENT 1 – Five Year Review and Technical Amendment Logs

### ATTACHMENT 1.1 – Five Year Review Log

I have completed a review and evaluation of the SPCC Plan for this facility, and will/will not amend this Plan as a result.

**Table G-13 Review and Evaluation of SPCC Plan for Facility**

| Review Date | Plan Amendment | | Name and signature of person authorized to review this Plan |
|---|---|---|---|
| | Will Amend | Will Not Amend | |
| | ☐ | ☐ | |
| | ☐ | ☐ | |
| | ☐ | ☐ | |
| | ☐ | ☐ | |
| | ☐ | ☐ | |
| | ☐ | ☐ | |
| | ☐ | ☐ | |
| | ☐ | ☐ | |
| | ☐ | ☐ | |
| | ☐ | ☐ | |
| | ☐ | ☐ | |
| | ☐ | ☐ | |
| | ☐ | ☐ | |
| | ☐ | ☐ | |

## ATTACHMENT 1.2 – Technical Amendment Log

Any technical amendments to this Plan will be re-certified in accordance with Section I of this Plan template.

**Table G-15 Description and Certification of Technical Amendments**

| Review Date | Description of Technical Amendment | Name and signature of person certifying this technical amendment |
|---|---|---|
| | | |
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## ATTACHMENT 2 – Oil Spill Contingency Plan and Checklist

An oil spill contingency plan and written commitment of resources is required for:

- Flowlines and intra-facility gathering lines at oil production facilities and
- Qualified oil-filled operational equipment which has no secondary containment.

| | |
|---|---|
| An oil spill contingency plan meeting the provisions of 40 CFR part 109, as described below, and a written commitment of manpower, equipment and materials required to expeditiously control and remove any quantity of oil discharged that may be harmful is attached to this Plan. | ☐ |

Complete the checklist below to verify that the necessary operations outlined in 40 CFR part 109 - Criteria for State, Local and Regional Oil Removal Contingency Plans - have been included.

| Table G-15 Checklist of Development and Implementation Criteria for State, Local and Regional Oil Removal Contingency Plans (§109.5)[a] | |
|---|---|
| (a) Definition of the authorities, responsibilities and duties of all persons, organizations or agencies which are to be involved in planning or directing oil removal operations. | ☐ |
| (b) Establishment of notification procedures for the purpose of early detection and timely notification of an oil discharge including: | |
| (1) The identification of critical water use areas to facilitate the reporting of and response to oil discharges. | ☐ |
| (2) A current list of names, telephone numbers and addresses of the responsible persons (with alternates) and organizations to be notified when an oil discharge is discovered. | ☐ |
| (3) Provisions for access to a reliable communications system for timely notification of an oil discharge, and the capability of interconnection with the communications systems established under related oil removal contingency plans, particularly State and National plans (e.g., NCP). | ☐ |
| (4) An established, prearranged procedure for requesting assistance during a major disaster or when the situation exceeds the response capability of the State, local or regional authority. | ☐ |
| (c) Provisions to assure that full resource capability is known and can be committed during an oil discharge situation including: | |
| (1) The identification and inventory of applicable equipment, materials and supplies which are available locally and regionally. | ☐ |
| (2) An estimate of the equipment, materials and supplies which would be required to remove the maximum oil discharge to be anticipated. | ☐ |
| (3) Development of agreements and arrangements in advance of an oil discharge for the acquisition of equipment, materials and supplies to be used in responding to such a discharge. | ☐ |
| (d) Provisions for well defined and specific actions to be taken after discovery and notification of an oil discharge including: | |
| (1) Specification of an oil discharge response operating team consisting of trained, prepared and available operating personnel. | ☐ |
| (2) Predesignation of a properly qualified oil discharge response coordinator who is charged with the responsibility and delegated commensurate authority for directing and coordinating response operations and who knows how to request assistance from Federal authorities operating under existing national and regional contingency plans. | ☐ |
| (3) A preplanned location for an oil discharge response operations center and a reliable communications system for directing the coordinated overall response operations. | ☐ |
| (4) Provisions for varying degrees of response effort depending on the severity of the oil discharge. | ☐ |
| (5) Specification of the order of priority in which the various water uses are to be protected where more than one water use may be adversely affected as a result of an oil discharge and where response operations may not be adequate to protect all uses. | ☐ |
| (6) Specific and well defined procedures to facilitate recovery of damages and enforcement measures as provided for by State and local statutes and ordinances. | ☐ |

[a] The contingency plan must be consistent with all applicable state and local plans, Area Contingency Plans, and the National Contingency Plan (NCP)

## ATTACHMENT 3 – Inspections, Dike Drainage and Personnel Training Logs

### ATTACHMENT 3.1 – Inspection Log and Schedule

**Table G-16 Inspection Log and Schedule**
This log is intended to document compliance with §§112.6(a)(3)(iii), 112.8(c)(6), 112.8(d)(4), 112.9(b)(2), 112.9(c)(3), 112.9(d)(1), 112.9(d)(4), 112.12.(c)(6), and 112.12(d)(4), as applicable.

| Date of Inspection | Container / Piping / Equipment | Describe Scope (or cite Industry Standard) | Observations | Name/ Signature of Inspector | Records maintained separately [a] |
|---|---|---|---|---|---|
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |

[a] Indicate in the table above if records of facility inspections are maintained separately at this facility.

## ATTACHMENT 3.2 – Bulk Storage Container Inspection Schedule – onshore facilities (excluding production):

To comply with integrity inspection requirement for bulk storage containers, inspect/test each shop-built aboveground bulk storage container on a regular schedule in accordance with a recognized container inspection standard based on the minimum requirements in the following table.

**Table G-17 Bulk Storage Container Inspection Schedule**

| Container Size and Design Specification | Inspection requirement |
|---|---|
| Portable containers (including drums, totes, and intermodal bulk containers (IBC)) | Visually inspect monthly for signs of deterioration, discharges or accumulation of oil inside diked areas |
| 55 to 1,100 gallons with sized secondary containment | Visually inspect monthly for signs of deterioration, discharges or accumulation of oil inside diked areas plus any annual inspection elements per industry inspection standards |
| 1,101 to 5,000 gallons with sized secondary containment and a means of leak detection[a] | |
| 1,101 to 5,000 gallons with sized secondary containment and no method of leak detection[a] | Visually inspect monthly for signs of deterioration, discharges or accumulation of oil inside diked areas, plus any annual inspection elements and other specific integrity tests that may be required per industry inspection standards |

[a] Examples of leak detection include, but are not limited to, double-walled tanks and elevated containers where a leak can be visually identified.

## ATTACHMENT 3.3 – Dike Drainage Log

| Table G-18 Dike Drainage Log | | | | | | |
|---|---|---|---|---|---|---|
| Date | Bypass valve sealed closed | Rainwater inspected to be sure no oil (or sheen) is visible | Open bypass valve and reseal it following drainage | Drainage activity supervised | Observations | Signature of Inspector |
| | ☐ | ☐ | ☐ | ☐ | | |
| | ☐ | ☐ | ☐ | ☐ | | |
| | ☐ | ☐ | ☐ | ☐ | | |
| | ☐ | ☐ | ☐ | ☐ | | |
| | ☐ | ☐ | ☐ | ☐ | | |
| | ☐ | ☐ | ☐ | ☐ | | |
| | ☐ | ☐ | ☐ | ☐ | | |
| | ☐ | ☐ | ☐ | ☐ | | |

## ATTACHMENT 3.4 – Oil-handling Personnel Training and Briefing Log

| Table G-19 Oil-Handling Personnel Training and Briefing Log | | |
|---|---|---|
| **Date** | **Description / Scope** | **Attendees** |
| | | |
| | | |
| | | |
| | | |
| | | |

## ATTACHMENT 4 – Discharge Notification Form

In the event of a discharge of oil to navigable waters or adjoining shorelines, the following information will be provided to the National Response Center **[also see the notification information provided in Section 7 of the Plan]**:

| **Table G-20 Information provided to the National Response Center in the Event of a Discharge** | | | |
|---|---|---|---|
| Discharge/Discovery Date | | Time | |
| Facility Name | | | |
| Facility Location (Address/Lat-Long/Section Township Range) | | | |
| Name of reporting individual | | Telephone # | |
| Type of material discharged | | Estimated total quantity discharged | Gallons/Barrels |
| Source of the discharge | | Media affected | ☐ Soil<br>☐ Water (specify)<br>☐ Other (specify) |
| Actions taken | | | |
| Damage or injuries | ☐ No ☐ Yes (specify) | Evacuation needed? | ☐ No ☐ Yes (specify) |
| Organizations and individuals contacted | ☐ National Response Center 800-424-8802 Time<br>☐ Cleanup contractor (Specify) Time<br>☐ Facility personnel (Specify) Time<br>☐ State Agency (Specify) Time<br>☐ Other (Specify) Time | | |

# Appendix 3.5D

Phase II Environmental Site Assessment (Confidential)

# Appendix 3.5E

Contaminated Soil Mitigation Study (Confidential)