Appendix G

Phase I ESA and Haz Reports

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

1750 E. Betteravia Road
Santa Maria, CA

March 12, 2019

Prepared for:

Mr. Frank Maldonado
Agro-Jal Farms, Inc.
257 Kathleen Ct.
Santa Maria, CA 93458

Prepared by:

Buena Resources, Inc.
2336 Skyway Drive, Suite 3
Santa Maria, CA 93455

PHASE I ENVIRONMENTAL
SITE ASSESSMENT REPORT
1750 E. Betteravia Road
Santa Maria, CA

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General Contractor License #841453

Buenaresources

2336 Skyway Dr. Suite 3
Santa Maria, CA 93455
P: (805) 346-1766
F: (805) 346-1767

March 12, 2019

Mr. Frank Maldonado
Agro-Jal Farms, Inc.
257 Kathleen Ct.
Santa Maria, CA 93458

Re: PHASE I ENVIRONMENTAL SITE ASSESSMENT for *a Property located at 1750 E. Betteravia Road located in Santa Maria, CA.*

1.0 INTRODUCTION

This report presents the findings of the Phase I Environmental Site Assessment (ESA) conducted for the above property. This report was prepared according to the ASTM E1527-13 standard, which comply with the EPA's (AAI) All Appropriate Inquiries federal regulations. The 108.77-acre subject property is identified as APN Nos. 128-097-001/002.

We have performed a Phase I Environmental Site Assessment in conformance with the scope of limitations of ASTM Practice E 1527 for the 1750 E. Betteravia Road property located in Santa Maria, California, the *property*. Exceptions to this practice include: 1) a 50-year Chain of Title report was not requested by the Client; therefore, only the ownership records available at the County of Santa Barbara Assessor's Office were utilized for this portion of the report and 2) Buena did not follow the ASTM recommended table of contents as outlined in the standard.

This assessment has been performed at your request, to review existing environmental information concerning the subject and nearby properties concerning the new proposed parcel.

Buena has performed this Phase I Site Assessment in substantial conformance with the scope and limitations of ASTM Standard E-1527-13 which is the new pending *Standard Practice for Environmental Site Assessments.* The scope of work performed in accordance with our standard has included the following.

- Review of geology and hydro geology in area of the property.
- Review of past and present land use including:
- Aerial Photographs
- Interviews with individuals familiar with the subject and nearby properties
- Site reconnaissance and observation of nearby properties
- Review of Federal, State, Regional and Local databases concerning the subject and nearby properties including:
  - GeoSearch Database Report
  - Testing of materials is not within the scope of this work.

A vicinity map, site map, parcel map and DOGG Oil Well location map (Appendix A), ASTM Standard E-1527 *Environmental Site Assessment Owner Screen Questionnaire and Preliminary Title Report* (Appendix B), GeoSearch Regulatory Database Review Report (Appendix C), Site Photographs & Aerial Photographs (Appendix D), and a Qualifications Statement (Appendix E) are included at the end of this report.

2.0 SITE DESCRIPTION

2.1 Geographic Parameters

The subject property is located on the Central Coast, in the unincorporated area of the County of Santa Barbara. The property is located on the east side of the City of Santa Maria, California,

approximately fifteen miles east of the Pacific Ocean. The property is located west of Telephone Road, east of Rosemary Road, south of the Betteravia Road and north of Prell Road. The parcel is developed as farm ground with a portion of parcel 001 developed with a vegetable cooler.

2.1.1 Physical Description

The parcel is located in a agricultural setting, east of Highway 101, in the incorporated area east of the City of Santa Maria. This parcel is a rectangular shaped property that is developed as active farm ground, with a vegetable cooling plant serving the local agriculture industry. This property is accessed from Betteravia Road on the north and Prell Road on the south. The topography slopes to the northwest toward the Pacific Ocean located approximately fifteen miles west of this site. The parcel is 312 ft. AMSL, at the center of the property, with the Latitude 34° 55.23' N and Longitude 120° 23.80' W.

2.2 Review of Geology

The site is situated in the Santa Maria Valley, approximately fifteen miles east of the Pacific Ocean. The Santa Maria Valley is bounded by the coastal dunes on the west, the Nipomo Mesa rises to the north, and the Sierra Madre Mountain Range to the east. This valley was originally formed by tectonic folding and faulting of the bedrock basement during the Pleistocene Epoch and is underlain by a symmetric syncline whose axis trends southeastward along the north side of the valley. The Santa Maria Valley was subsequently filled with alluvial sediments carried from inland mountain ranges by way of seasonal rivers. This unconsolidated bed, present beneath the property, is composed primarily of silt, sandy silt, sand, and gravel with pockets of brown clay based soil known as adobe. Basement rock in this area consists of a mixed assemblage of highly deformed marine sedimentary rocks and metavolcanic rocks. Dominant lithology's within the bedrock include sandstone, shale, chert, green stone, and serpentine. This rock complex, collectively assigned the Franciscan Formation, was deposited approximately 100

million years ago during the Cretaceous Jurassic periods. Faults, fractures and over thrusts have trapped tar sand and formation pockets (Monterey shale) that produce commercial grades and quantities of oil.

2.3 Hydrogeology

Groundwater in this area is primarily unconfined within the permeable sediments, but locally perched water tables may be present in the area of the subject property. Interbeds of silt and clay, within the beds, act as aquitards creating thin, perched zones of groundwater. Due to perched groundwater in the area of the property, the flow direction of the perched groundwater may vary from the general northwesterly flow direction of the deep groundwater table as it migrates towards the Pacific Ocean. Groundwater quality under this site is unknown.

3.0 SITE RECONNAISSANCE

The subject property was visited by Buena personnel on March 5 & 7, 2019 to observe the subject and adjacent properties, noting current land use relevant to this assessment. Mr. Steve Newman, Property Owner, provided information for Buena concerning the site visit. Field notes are attached to this report as an appendix. The following observations were made at the time of the site visit.

3.1 Current Land Use

The 108-acre property is developed as primarily active farm ground with a vegetable cooler located in the southwest corner of parcel 001, along with a second metal building that is currently leased to Valley Farm Supply. This cooler facility is a metal building, approximately 40,000 s.f. in size according to site personnel, with an office area and a five bay truck dock located on the north side of the facility. The entrance to the cooler, for the incoming produce, is by a large doorway on the north side of the building. There is a paved parking lot to the northeast of the cooler facility for a truck parking area while they wait to be loaded. Access to the property is by a paved road located along the western property boundary of parcel 001.

Various dirt roads lead to various areas of the farmed property. There is a forklift room for charging of the forklifts but there is no maintenance area in the facility.

There is a propane tank, an elevated fuel tank and an irrigation well, with a large line shaft pump located along the northern fenced boundary of the cooler facility. In addition, there are poly water tanks estimated to be 1,000 gallons in size that feed water to the plant from a water well located at that location. There are a total of two wells on the property, the large well located by the fuel tank and the small well located immediately south of the large well that feeds the poly tanks for the cooler facility. According to Mr. Newman, there is no hazardous waste generated at this facility.

There are two pole mounted transformers located along the front of the building and a large pad mounted transformer located on the west side of the cooler. The property is fenced on the west and east side of the farm ground, with fencing around the rental building located behind the cooler. Waste water is directed to a septic tank located in front of the office. Storm drainage is northwesterly into the Santa Maria River.

There is a metal building, located immediately south of the cooler, that is currently rented to Valley Farm Supply. This firm handles both organic and inorganic fertilizer in bulk, which is stored in various poly tanks located around the building on the north, east and south side. Water is supplied from the wells that serve the cooler facility. The metal building has forklifts and other various pieces of equipment stored in the building along with palletized fertilizer. The facility does not generate any hazardous waste. The bulk tanks, located on the north side of the building, are on a curbed slab with the remainder of the tanks located on dirt.

3.2 Interview with Parties familiar with subject properties

Mr. Norman Teixeira, Local Business Owner.

Mr. Teixeira has been a life-long resident in the Santa Maria Valley and, in that regard, has operated a large farming operation with a cooling plant in the valley for many years. According to Mr. Teixeira, this site has been farm ground with the existing cooler present since the mid-1970's. He was aware of at least one expansion of the facility since the original construction. He thought that the cooler was a Freon unit and not an ammonia cooler. Mr. Teixeira was not aware of any impairment to the property.

3.2.2 Federal, State, Regional and Local Agencies

3.2.2.1 County of Santa Barbara Planning & Development Dept.

The property is zoned AG-II-40 which is *Agriculture with 40-acre minimum parcel size*. There are numerous permits on file for this property with the County Planning & Development Department covering grading, cooler additions, electrical work and Chevron sump remediation. The property is located outside the 100 and 500 year flood plain.

3.2.2.2 Santa Barbara County Assessor's Office

County Assessor Office computer records were checked to verify ownership history for the subject property. The 98.97-acre parcel (128-097-001) and the 9.8-acre parcel (128-097-002), are both currently owned by the Newman, Bill & Diana Living Trust since 2019. Prior that from 2006-2018 the property was owned by SM Valley Farms, LLC. Bill J. Newman Trustee for the Newman Bill Rev Trust owned the property from 1999-2005. Parcel 001 is listed with a land value of $914,784 and a structure or improvements value of $2,088,890 for a total value of $3,003,863. Parcel 002 is listed with a land value of $94,320 and a structure or improvements value of $0 for a total value of $94,320.The listed approved use is *Packing Plants* by the County of Santa Barbara Assessor's Office.

3.2.2.3 Santa Barbara County Public Health Dept.

The Santa Barbara Fire Department, the agency with environmental oversite prior to Public Health Department, has several records for this site that pertain to the Vicente B Oil Field Lease. Unocal Vincente B Lease investigation and remediation Report was prepared by AECOM in September 2014 for Chevron Environmental Management Company. This report outlined the investigation results of the well heads, pipelines, lease roads and two tank battery facilities. Based on the work competed, it does not appear that sumps or other impairments were removed during this work. The letter issued by the County of Santa Barbara was not a closure letter rather it was a summary of the investigation work completed.

3.3 Property Owner Questionnaire (ASTM E-1527-13)

An ASTM E-1527 Questionnaire was completed at the time of this report by the current property owner. He was not aware of any issues with the property.

4.0 SITE ASSESSMENT RESEARCH

The sources listed below were used in researching the past and present uses of the subject and adjacent properties.

4.1 Aerial Photographs

In order to assess past uses of the subject and nearby properties, aerial photographs attached to this report were reviewed to confirm property uses. The results of that review are noted below.

4.1.1 1938, 1943, 1954, 1960, 1967, 1976, 1981 & 1989:

The 1938 aerial show the property as undeveloped farm ground. The 1943-1954 aerials show the oil well development on the property with numerous oil wells visible. The 1967 & 1976 aerials show a building in the location of the cooler facility.

4.1.2 2003-2005, 2009-2010, 2012, 2014 & 2016:

These aerials show the property as currently configured. The metal building located behind the cooler plant is present in all the aerial photographs.

4.2 California Division of Oil and Gas

California Division of Oil and Gas (DOG) records were checked for locations of oil wells and oil production activity. According to DOGG records and Map 312, there were ten oil wells associated with the Vincente B Lease located on the two parcels. The following oil wells are located on this property: Vincente B #2, #3, #4, #9, #11, #18, #19, #20, #21 & #22. These wells were producing oil wells that have been plugged and abandoned.

4.3 Government Database Review

4.3.1 Spill Records

GeoSearch Environmental Data Resources, Inc. (GeoSearch) database search and the State GeoTracker database were utilized to identify sites in the vicinity of the subject property which may have impacted the site. The database reviews EPA and California Department of Health Services databases which include the National Priorities List, CERCLIS, ERNS, RCRA/HWDMS, RCRIS, State Hazardous Waste sites, Solid Waste Landfill sites, LUST reports and registered USTs. GeoTracker lists four Irrigated Lands Sites located on the property and the Unocal Vincente B Lease investigation and remediation Report which was prepared by AECOM in September 2014 for Chevron Environmental Management Company. This report outlined the investigation results of the well heads, pipelines, lease roads and two tank battery facilities. Based on the work competed, it does not appear that sumps or other impairments were removed during this work. The letter issued by the County of Santa Barbara was not a closure letter rather it was a summary of the investigation work completed.

The GeoSearch Data Base Report lists two sites within ¼ mile of the property. One is the Vincente B Lease, as noted above, and the other is an above ground petroleum storage tank

located at the Central City Cooler, 1701 E. Betteravia Road. All other sites would not pose a problem to this property because of distance and/or location.

5.0 CONCLUSIONS

The following areas of potential and recognized environmental conditions were found at the subject property or surrounding properties.

5.1 Recognized Environmental Concerns

There are no Recognized Environmental Concerns for this site.

5.2 Potential Environmental Concerns

There is one Potential Environmental Concern for this site, which would be the oil wells, sumps, pipelines and other facilities associated with the Unocal Vincente B Lease oil field located on this property. Chevron Management Company has the cleanup responsibility for these facilities.

5.3 Historic Recognized Environmental Concerns (HREC)

There are no Historical Recognized Environmental Concerns for this site.

5.4 Controlled Environmental Concerns (CREC)

There are no controlled environmental concerns with this site.

There are no recorded sites immediately up gradient of this site which might influence this site according to County officials. No hydrocarbon soil testing was done with this report. Regional groundwater flow direction is northwesterly towards the Pacific Ocean. No obvious asbestos containing construction materials were observed during our site reconnaissance. There has been an Asbestos Assessment of this property earlier this year. The only area that will require ACM abatement was in the office building. This assessment did not include an asbestos survey.

6.0 LIMITATIONS

This report has been prepared by Buena Resources, Inc. for the use of Agro-Jal Farms, Inc. and associates, and concerns parcel APN No. 128-097-001/002. The conclusions and recommendations of this report are not scientific certainties, but rather probabilities based on professional judgment concerning the significance of available information obtained to date within the scope of the work authorized by the client.

Use of or reliance on the information and opinions in this report by parties other than the client without first contacting Buena is at the risk of those parties. These determinations are made under current conditions and law, and do not reflect possible changes in use or future environmental regulations.

Buena is not able to verify that the subject or nearby properties contain no hazardous chemicals or other environmental conditions beyond that detected or observed by Buena during this assessment. It should be noted that no consultant can determine that a property is completely free of chemicals or toxic substances. No sampling of building materials, soil, groundwater or air was conducted as part of this assessment.

The services provided have been conducted in a manner consistent with the level of care and skill typically exercised by environmental consultants currently practicing under similar conditions in California. No other warranty is expressed or implied.

It is possible that variations may be present beyond or between points explored during this assessment. Changes in conditions found could occur in the future due to contaminant migration, variations in precipitation, temperature and other factors not apparent during the assessment.

The possibility exists for contaminants to migrate through surface water, groundwater, soil or air. The ability to accurately predict the environmental risk associated with transport of contamination through geological media is beyond the scope of this investigation. The purpose of this report is to provide the Client with information to make a business decision.

A data gap in the chain of ownership was identified for the subject property due to the limited information available County of Santa Barbara Assessor's Office. This is not considered significant as the oil field impacts on the property has been investigated to the satisfaction of the County of Santa Barbara Public Health Dept. Prior to that it has been active farmground with the cooler facility and has never been listed site on GeoTracker or the County of Santa Barbara Public Health Department.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in CFR Part 312.

Thank you for the opportunity to be of service. If you have any questions or desire further information, please contact us at (805) 346-1766.

Sincerely,

Buena Resources, Inc.

Daniel P. Ringstmeyer, P.E. (C043540), QSD/P

Owner/Engineer

REFERENCES

Personal Communication with Mr. Norman Teixeira, Local Businessman

Personal Communication with County of Santa Barbara Planning & Development

Personal Communication, County of Santa Barbara Petroleum Dept.

Personal Communication, California Division of Oil & Gas

GeoSearch Government Database Report prepared for Buena Resources, Inc. dated 3/04/19

APPENDIX A

Site Maps & Figures

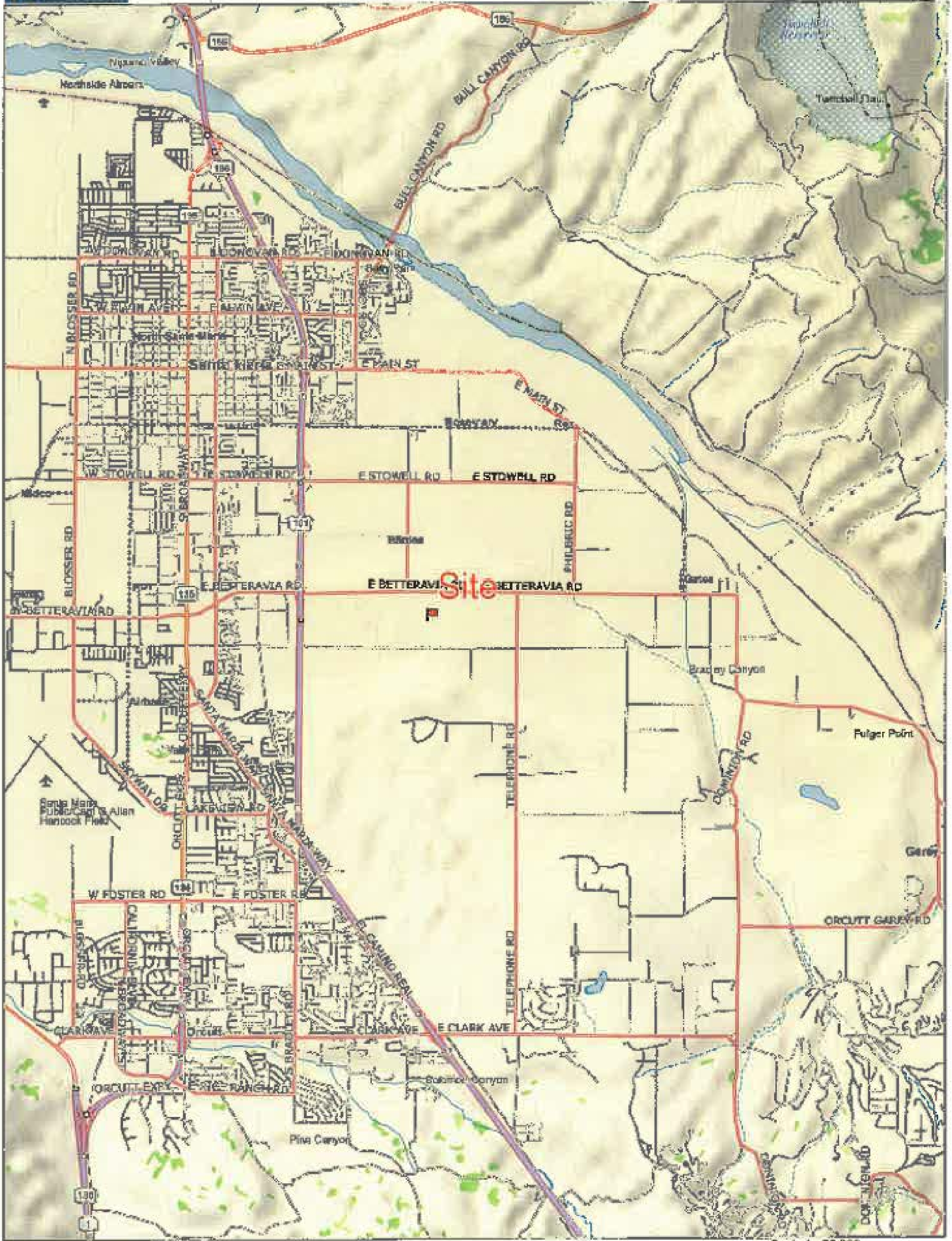
VICINITY MAP

Buena Resources, Inc.

02/22/19

DELORME

Topo USA® 6.0



Data use subject to license.

Scale 1 : 75,000

1" = 1.18 mi

Data Zoom 11-4

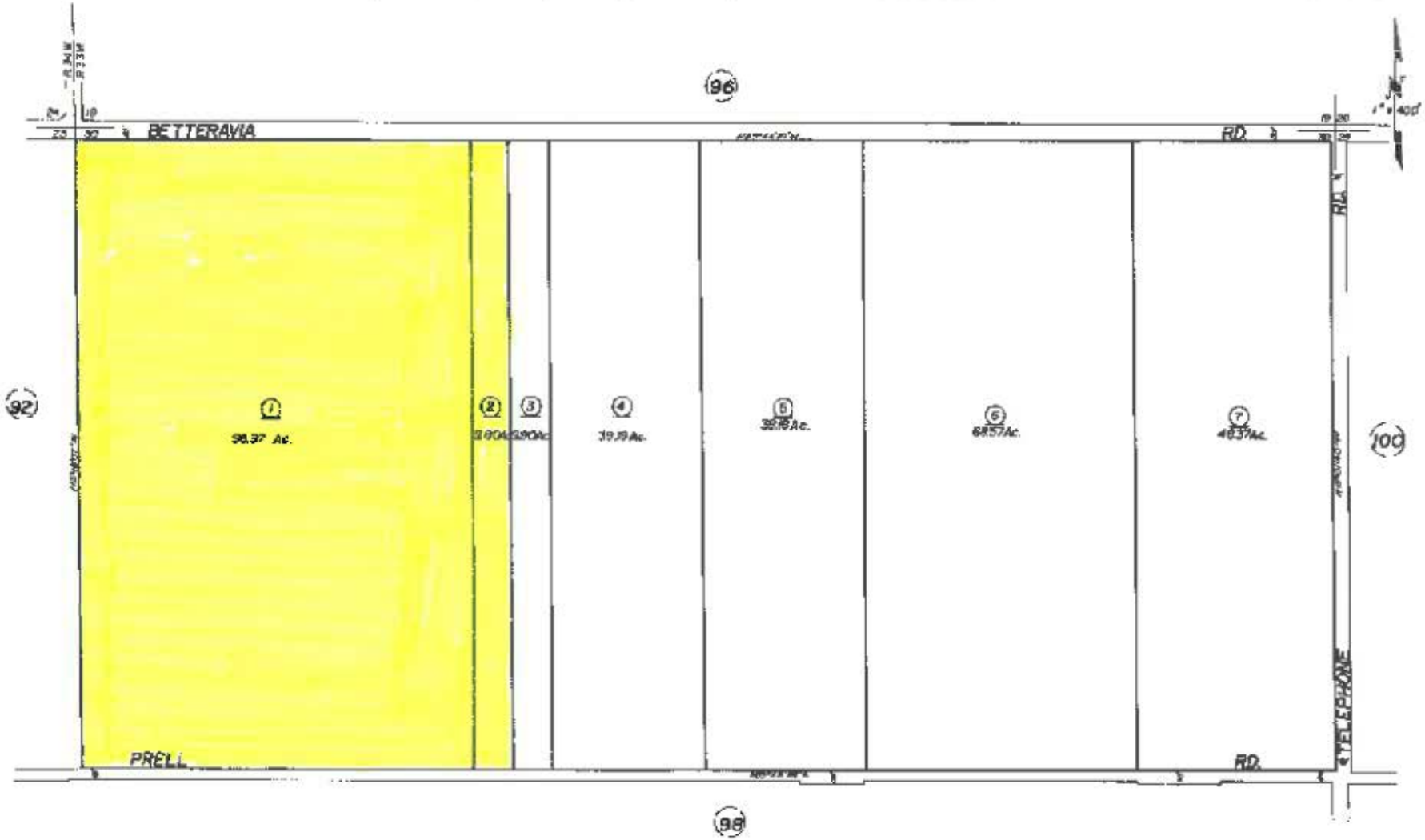
Buena Resources, Inc.

DOGGR Oil Well Map

02/29/19

N ½ SEC. 30, T.10N., R.33W., S.B.B.&M., POR. RANCHO DE SUEY

Tax Area Code 128-097



Assessor's Map Bk.128-Pg.097
County of Santa Barbara, Calif.

Assessor's Parcel Numbers Shown in Circles

Assessor Parcel Information Details

Property Information	
Parcel Number:	128-097-001 Value Notice
Address:	1750 E BETTERAVIA RD SANTA MARIA, CA 93454
Transfer Date:	03/21/1986
TRA:	087001
Document #:	
Transfer Tax Amount:	$660.00

Property Characteristics	
Use Description:	Packing Plants
Jurisdiction:	County - Unincorporated
Acreage:	98.97
Square Feet:	
Year Built:	
Bedrooms:	
Bathrooms:	
Fireplaces:	
Assessor Parcel Map	

2018 Assessed Values	
Land & Mineral Rights:	$914,784
Improvements:	$2,088,890
Personal Property:	$0
Home Owner Exemption:	($0)
Other Exemption:	($0)
Net Assessed Value:	$3,003,674

Districts that Serve Property	
District Information	Property Tax Breakdown for Last Equalized Roll Year

Other	
District and Elected Official	Look up District and Elected Official

The Office of Joseph E. Holland
County Clerk, Recorder and Assessor
Registrar of Voters

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Business Properties | Calendar | Forms | Property Tax Programs | Real Estate Services | Property Value Notice | News | Contact Us | Email Us | About | Assessor Biography

Text size: A A A

Assessor > Parcel Map Secured Property Look Up > Parcel Map Search Result > Details

Latest News

Assessor Parcel Information Details

Property Information		
Parcel Number:	128-097-002	Value Notice
Address:	, CA	
Transfer Date:	03/21/1986	
TRA:	087001	
Document #:		
Transfer Tax Amount:	$660.80	

Property Characteristics	
Use Description:	Proper use, cash rent over $400/ac
Jurisdiction:	County - Unincorporated
Acreage:	9.80
Square Feet:	
Year Built:	
Bedrooms:	
Bathrooms:	
Fireplaces:	
Assessor Parcel Map	

2018 Assessed Values	
Land & Mineral Rights:	$94,320
Improvements:	$0
Personal Property:	$0
Home Owner Exemption:	($0)
Other Exemption:	($0)
Net Assessed Value:	$94,320

Districts that Serve Property	
District Information	Property Tax Breakdown for Last Equalized Roll Year

Other	
District and Elected Official	Look up District and Elected Official

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COUNTY OF SANTA BARBARA

Planning and Development

www.sbcountyplanning.org

Permit History by Parcel

Parcel Number 128-097-001

Printed on March 2, 2019 at 9:28 am

An ancestor parcel exists. Please refer to its permit history for further information.

127-510-001

Reference Address
1750 BETTERAVIA RD, SANTA MARIA

Legal Description

Acreage
96.96

Supervisorial District: 5

Zoning: AG-II-40

Parcel Geographical Data

BAR Jurisdiction: All or portion within North BAR

Creeks: Check Hydro and Wetland layers - May Exist

Home Exemption Value: 0.00

Oil and Gas Well Site: Check D.O.G. Wells - Oil & Gas Well(s) May Exist

Rural: All or portion within Rural Area

Use Code: 3400

California Natural Diversity Database: Check CNDDB - May Apply

High Fire Hazard Area: All or portion Within High Fire Hazard Area

Latitude: 34.919996

Personal Value: 0.00

Rural Region: All or portion within Santa Maria Valley Rural Region

Comprehensive Plan: A-II-40

HMA: All or portion within the Santa Maria HMA

Longitude: -120.397902

Prime Farmland: Check Important Farmland Layer for Prime Farmland

Tax Rate Area: 087001

Seismic Safety Warning:

Buildings on this parcel may have been built prior to 1970. Pre-1970 buildings may have structural deficiencies that can cause considerable damage during a strong earthquake event. Please visit our website at: http://www.sbcountyplanning.org/building to learn more about earthquake vulnerability and potential retrofit solutions for your home.

Special Districts and Other Information of Interest (derived from the Tax Rate Area number):

SANTA MARIA/BONITA UNION JT(40,42) ELEM. SCHOOL
SANTA MARIA UNION JT(40,42,56) HIGH SCHOOL
ALLAN HANCOCK JT(40,42,56) COMM. COLLEGE
SANTA BARBARA COASTAL MOSQ & VECTOR CONTRL
SANTA MARIA PUBLIC AIRPORT
SANTA MARIA CEMETERY
CO-ORCUTT ZONE NO. 03 FLOOD CONTROL
CO-ORIGINAL AREA FLOOD CONTROL
SANTA BARBARA COUNTY FIRE PROTECTION
AREA NO. 32 COUNTY SERVICE
SANTA BARBARA COUNTY WATER AGENCY
CACHUMA JT(15,40,42) RESOURCE CONSV.

Accela Cases

Case Number	Dept.	Filed	Planner	Project Name	Status
01GRD-00000-00135	B	6/8/2001	EG	UNOCAL GRDG 6-6-01	Closed
01LUP-00000-00551	P	6/8/2001	BT	NEWMAN REMEDIATION	Closed
04BAR-00000-00158	P	6/17/2004	KP	MID COAST COOLING DEVELOPMENT PLAN	Closed
04LUP-00000-00783	P	7/22/2004	LO	MID COAST COOLING GRADING	Closed
04GRD-00000-00181	B	7/22/2004	MM	MID COAST COOLING GRADING 7/22/04	Closed
05RZN-00000-00001	P	1/24/2005	BT	MID COAST COOLING DEVELOPMENT PLAN	Closed
05BDP-00000-00570	B	2/7/2005	MM	MID COAST COOLING / ADDTN	Closed
05CUP-00000-00015	P	2/23/2005	LO	MID COAST COOLING	Closed

Accela Cases

continued ...

Case Number	Dept.	Filed	Planner	Project Name	Status
04GRD-00001-00181	B	8/31/2005	TS	MID COAST GRD REV. 1 8/31/05	Closed
05LUP-00000-01127	P	10/11/2005	LO	MID COAST COOLING STRUCTURE	Closed
05PMC-00000-00064	P	11/8/2005	AM	05CUP-00000-00015 MID COAST COOLING STRUCTURE	Closed
06SCD-00000-00037	P	9/25/2006	DE	MID COAST COOLING SUBSTANTIAL CONFORMITY	Closed
04GRD-00002-00181	B	9/29/2006	AV	MID COAST COOLING REV 2 09-29-06	Closed
05LUP-00000-01119	P	12/21/2006	DE	MID COAST COOLING RET WALL/GRADING	Closed
07GRD-00000-00072	B	4/24/2007	DV	CHEVRON SOIL REMEDIATION 04-24-07	Closed
07LUP-00000-00275	P	4/24/2007	SR	CHEVRON REMEDIATION OF LEASE ROAD	Closed
07RST-00000-00427	B	12/3/2007	BM	20062 UNOCAL VINCENT B LEASE	Issued
08CNP-00000-00339	B	7/16/2008	MM	SM VALLEY FARMS LLC ELEC 7/16/08	Closed
12CNP-00000-01091	B	12/11/2012	TS	MID COAST COOLING / ELECTRICAL	Closed

LIX Building Cases

Application Number	Type	Description	Issuance Date	Action Date	Status	Misc.
118042		GR	04/21/87	03/31/88	F	
124829		COOLER	03/16/89	04/04/90	F	
136510	C	EL	01/17/91	02/25/91	F	
136686	C	CANOPY	01/17/91	03/08/91	F	
256413	C	ADD'N	12/05/95	03/26/96	F	
256492	C	EL	04/01/96	00/00/00	A	

LIX Planning Cases

Application Number	Description	Issuance Date	Action Date	Status	Planner
88-LUN1035	COOLER	10/17/88	10/17/88	AC	FET
90-LUN-233	OFF & CNPY	02/27/90	02/27/90	A	DRW
90-LUN-647	BARN	08/01/90	08/01/90	A	BAW
91-LUN-006	CANOPYONLY	01/09/91	01/09/91	A	FET
95-LUN-411	COOLR ADDN	09/12/95	09/12/95	A	BAW

Fire Department

"Serving the community since 1926"

4410 Cathedral Oaks Road
Santa Barbara, CA 93110-1042
(805) 681-5500 FAX (805) 681-5563

John M. Scherrei
Fire Chief
County Fire Warden

Chevron Environmental Management Company
Josh Friddell
P. O. Box 1069
San Luis Obispo, CA 93406

Dear Mr. Fridóell:

Subject: Former UNOCAL Vincent B Lease
Rosemary & Bellaravia Road, Santa Maria, California
SMU 2 Site # 20062

This letter confirms the completion of the site investigation and remediation at the above subject site. With the provision that the information provided to this agency is accurate and representative of existing conditions, it is our position that no further action is required at this time for the following locations:

• Well 2 Sump	APN 128-097-001
• Well 3 Sump	APN 128-097-001
• Well 4 Sump	APN 128-097-001
• Well 9 Sump	APN 128-097-001
• Well 11 Sump	APN 128-097-001
• Well 18 Sump	APN 128-097-001
• Well 21 Sump	APN 128-097-001
• Well 22 Sump	APN 128-097-001
• Tank Battery A South Sump	APN 128-097-001
• Tank Battery A South II Sump	APN 128-097-001
• Tank Battery B Sump	APN 128-097-002

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future conditions at the site. Nor does it relieve you of the responsibility to clean up existing, additional, or previously unidentified conditions at the site, which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health.

Changes in the present or proposed use of the site may require further site characterization and mitigation activity. It is the property owner's responsibility to notify this agency of any changes in report content, future contamination findings, or site usage.

Additionally, you may receive a final invoice. This billing would be for the specialist's time in processing the site closure paperwork. Due to our accounting process, it my take a few months before you receive your final invoice.

Please contact our office if you have any questions regarding this matter.

Sincerely,

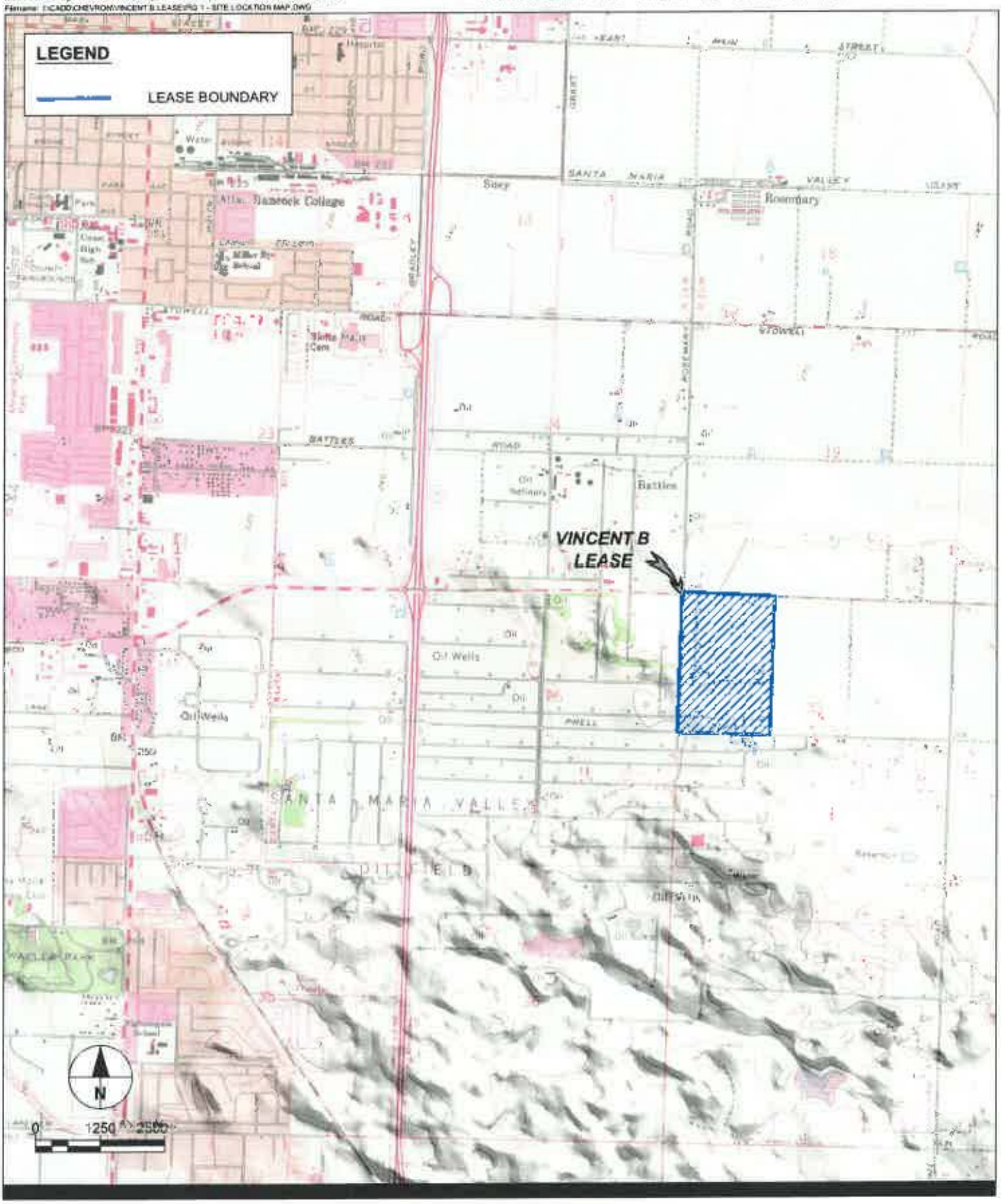
Kate Sulka

Kate Sulka
Hazardous Materials Supervisor

BAF:cc 20062 closure ltr.doc

pc: Mr. Ercan Candan, URS
Mr. William Brannon, State of California DOGGR
Ms. Pam McNulty, Santa Barbara County Petroleum Office

Last saved by: WOODARDSA(2014-06-04) Last Plotted: 2014-06-04 Project Management Initials: Designer: AW Checked: JM Approved: CO ANSI A 8.5" x 11"
Filename: I:\CADD\CHEVRON\VINCENT B LEASE\FIG 1 - SITE LOCATION MAP.DWG



VINCENT B LEASE
SANTA MARIA, CA.
CHEVRON EMC
Project No.: 60313642

SITE ASSESSMENT WORK PLAN
SITE VICINITY MAP

AECOM
FIGURE 1

VINCENT II LEASE
SANTA MARIA, CA
CHEVRON EMC
Project No.: 60153642

SITE ASSESSMENT WORKPLAN
OIL FIELD FEATURES TO BE ASSESSED

AECOM

FIGURE 2

VINCENT & LEASE
SANTA MARIA, CA.
CHEVRON USA INC
Project No.: 60213942

SITE ASSESSMENT WORKPLAN
HISTORICAL OIL & GAS FEATURES

AECOM

FIGURE 3

APPENDIX B

ASTM Questionnaire & Preliminary Title Report

SITE QUESTIONNAIRE

STREET ADDRESS: 1750 E BETTERAVIA

CITY: SANTA MARIA STATE / ZIP CODE: CA 93455

Upon reviewing this questionnaire please contact Buena Resources representative listed below if you have any questions. Please answer the questions to the best of your knowledge.

MR. DAN RINGSTMEYER - PHONE: (805) 714-3096, dan@buena-res.com

Please return completed questionnaire to Buena Resources via email or fax (805) 346-1767

QUESTIONNAIRE COMPLETED BY: DIANA NEWMAN

I AM THE SUBJECT PROPERTY'S: *(PLEASE SELECT ONE)*

OWNER (●) PROPERTY MANAGER ( ) LEGAL REPRESENTATIVE ( ) OTHER: ( )

ADDRESS: 1750 E BETTERAVIA

PHONE NUMBER: 928-208-5258 FAX NUMBER

NAME OF UTILITY PROVIDERS FOR THE SUBJECT PROPERTY:

POWER: PG & E GAS: WESTERN

WATER: SEWER:

Has an environmental investigation previously been completed for the Subject Property? NO

- *If YES, please provide a copy to SDC for review at your earliest opportunity.*

In the space below please provide information regarding the current use of the Subject Property:

In the space below please provide information regarding the historical use of the Subject Property: (i.e. prior to current use, when the property was first built upon)

In the space below please note the current uses of adjacent properties to the north, south, east, and west:

N: STRABERRYS AND VEGETABLES

S: STRAWBERRYS AND VEGETABLES

E: STRABERRYS AND VEGETABLES

W: STRAWBERRYS AND VEGETABLES

	QUESTIONS	YES	NO	COMMENTS / DETAILS
1.	Is the **Subject Property** currently used for industrial purposes?	☐	☑	
1A.	Did you observe evidence or have prior knowledge the **Subject Property** had been used for industrial purposes **in the past**?	☐	☑	
2.	Is the **Subject Property** *currently* used as a gasoline station, dry cleaner, photo development lab, junkyard, landfill; or a facility used for motor repair, commercial printing, waste management, waste storage, waste processing, or recycling **(If applicable, identify which)**?	☐	☑	
2A.	Has the **Subject Property** been utilized as one of the above *in the past*? **(If applicable, identify which)**?	☐	☑	
3.	Are there **currently** any containers (greater than 5 gallons (19L) in volume, 50 gallons (190L) in the aggregate), storing pesticides, paints, gasoline, or other chemicals; or damaged/discarded automotive/industrial batteries, located on the **Subject Property**?	☐	☑	
3A.	Did you observe evidence or have prior knowledge of **past use or storage** of containers storing pesticides, paints, gasoline, or other chemicals, or damaged and/or discarded automotive/industrial batteries; on the **Subject Property**?	☐	☑	
4.	Are there **currently** any industrial drums (typically 55gallons (208L)), or sacks of chemicals located on the **Subject Property**?	☑	☐	BACK BUILDING PETE COMPTON
4A.	Did you observe evidence or have prior knowledge, of a **past presence** of industrial drums (typically 55 gallons (208L)), or sacks of chemicals on the **Subject Property**?	☐	☑	
5.	Did you observe evidence or have prior knowledge of the presence of fill dirt, from a **contaminated site**, on the **Subject Property**?	☐	☐	
5A.	Did you observe evidence or have prior knowledge of the presence of fill dirt, **from an unknown origin**, on the **Subject Property**?	☐	☑	

	QUESTIONS	YES	NO	COMMENTS / DETAILS
6.	Are there **currently** any pits, ponds, or lagoons located on the **Subject Property** in connection with waste treatment or waste disposal?	☐	☑	
6A.	Did you observe evidence or have prior knowledge of a **past presence** of any pits, ponds, or lagoons used in connection with waste treatment/disposal, located on the **Subject Property**?	☐	☑	
7.	Are there **currently** areas of stained soil on the **Subject Property**?	☐	☑	
7A.	Did you observe evidence or have prior knowledge of areas of stained soil on the **Subject Property** in the **past**?	☐	☑	
8.	Are there **currently** any registered, or unregistered storage tanks, (aboveground or underground), or waste oil clarifiers/separators located on the **Subject Property**? (if yes, please give details)	☐	☑	
8A.	Did you observe evidence or have **prior knowledge** of *past* registered, or unregistered storage tanks, (aboveground or underground), or waste oil clarifiers/separators located on the **Subject Property**? (if yes, please give details)	☐	☑	
9.	Are there **currently any** vent-pipes, fill-pipes, or access ways indicating a fill-pipe, protruding from the ground on the Subject Property; or adjacent to any structure located on the **Subject Property**?	☐	☑	
9A	Did you observe evidence or have **prior knowledge** of the existence of *past* vent-pipes, fill-pipes, or access ways indicating a fill-pipe, on the Subject Property; or adjacent to any structure on the **Subject Property**?	☐	☑	
10.	Are there **currently** any indications of leaks, spills, foul odors, or staining (from sources other than water), associated with flooring, drains, walls, ceilings, or exposed grounds on the **Subject Property**?	☐	☑	
10A.	Did you observe evidence or have **prior knowledge** of *past* leaks, spills, foul odors, or staining (from sources other than water) on the **Subject Property**?	☐	☑	
10B.	Do you have knowledge of any Environmental Clean-ups performed or required to be performed on the **Subject Property**?	☑	☐	UNION OIL CLEANED OLD SUMPS

	QUESTIONS	YES	NO	COMMENTS / DETAILS
11.	If the **Subject Property** is served by a **private well or non-public water system**, did you observe evidence or have knowledge the well or non-public water system contained contaminants that would have exceeded guidelines applicable to water systems?	☐	☑	
12.	Does the owner/occupant of the **Subject Property** have knowledge of ***environmental liens***, or government notification, relating to past or recurrent violations of environmental laws, pertaining to the Subject Property or to areas adjacent to any structure located on the Subject Property?	☐	☑	
13.	Has the owner/occupant of the **Subject Property** been informed or have knowledge of the ***current*** existence of hazardous substances or petroleum products on the Subject Property or any structure located on the Subject Property?	☐	☑	
13A.	Has the owner/occupant of the **Subject Property** been informed or have knowledge of the ***prior existence*** of hazardous substances or petroleum products, on the Subject Property, or any structure located on the Subject Property?	☐	☑	
14.	Has the owner/occupant of the **Subject Property** been informed of ***current*** **environmental violations** regarding the Subject Property or any structure located on the Subject Property?	☐	☑	
14A.	Has the owner/occupant of the **Subject Property** been informed of or have knowledge of ***past*** **environmental violations** regarding the Subject Property or any structure located on the Subject Property?	☐	☑	
15.	Does the owner/occupant of the **Subject Property** have knowledge of an Environmental Site Assessment of the Subject Property recommending further assessment due to potential contamination from the presence of hazardous substances?	☐	☑	
15A.	Is the owner/occupant of the **Subject Property** aware of past, pending, threatened lawsuits or administrative proceedings by an owner or occupant of the Subject Property concerning the release or threatened release of hazardous substances or petroleum products?	☐	☑	

	QUESTIONS	YES	NO	COMMENTS / DETAILS
16.	Does the **Subject Property** discharge wastewater (not including sanitary waste or storm water) onto, or adjacent to the Subject Property; and/or into a **storm water drainage system** and/or into a **sanitary sewer system**?	☐	☑	
17.	Did you observe evidence or have prior knowledge of hazardous substances, petroleum products, unidentified waste materials, tires, automotive/industrial batteries, or any other waste materials have been dumped above grade, buried, and/or burned on the **Subject Property**?	☐	☑	
18.	Is there a transformer, capacitor, or any hydraulic equipment located on the **Subject Property**? If present, do you know if the equipment contains PCB's?	☐	☑	
19.	Are you aware of any activity and use limitations (AULs), such as **engineering controls**, land use restrictions or **institutional controls** that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?	☐	☑	
20.	Do you have any specialized knowledge or experience related to the **property** or nearby properties? For example, are you involved in the same line of business as the current or former **occupants** of the **property** or an adjoining **property** so that you would have specialized knowledge of the chemical and processes used by this type of business?	☐	☑	
21.	Based on your knowledge and experience related to the **property** are there any obvious indicators that point to the presence or likely presence of contamination at the property?	☐	☑	
22.	Based upon your knowledge is there a difference between the purchase price and fair market value of the property? If you conclude there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?	☐	☑	
ADJACENT PROPERTIES The following questions pertain to properties contiguous to the Subject Property. Please answer the questions to the best of your knowledge.				
23.	Are **Adjoining Properties** currently used for industrial purposes? (*if yes, please give details*)	☐	☑	
23A.	Did you observe evidence or have prior knowledge of **past industrial usage** of **Adjoining Properties**? (*if yes, please give details*)	☐	☑	

	QUESTIONS	YES	NO	COMMENTS / DETAILS
24.	Are there **currently** any containers / drums (greater than 5 gallons (19L) in volume, 50 gallons (190L) in the aggregate), storing pesticides, paints, gasoline, or other chemicals; or damaged/discarded automotive/industrial batteries, located on the **Adjacent Property**?	☐	☑	
24A.	Did you observe evidence or have **prior knowledge of past use** or storage of containers storing pesticides, paints, or other chemicals; or damaged and/or discarded automotive/industrial batteries; on the **Adjacent Property**?	☐	☑	
25.	Are there **currently** any industrial drums (typically 55gallons (208L)), or sacks of chemicals located on the **Adjacent Property**?	☑	☐	BACK BUILDING —PETE COMPTON
25A.	Did you observe evidence or have prior knowledge, of a **past presence** of industrial drums (typically 55 gallons (208L)), or sacks of chemicals on the **Adjacent Property**?	☑	☐	BACK BUILDING —PETE COMPTON
26.	Did you observe evidence or have prior knowledge of the presence of fill dirt, from a **contaminated site**, on the **Adjacent Property**?	☐	☑	
26A.	Did you observe evidence or have prior knowledge of the presence of fill dirt, **from an unknown origin**, on the **Adjacent Property**?	☐	☑	
27.	Are there **currently** any pits, ponds, or lagoons located on the **Adjacent Property** in connection with waste treatment or waste disposal?	☐	☑	
27A.	Did you observe evidence or have prior knowledge of a **past presence** of any pits, ponds, or lagoons used in connection with waste treatment/disposal, located on the **Adjacent Property**?	☐	☑	
28.	Are there **currently** areas of stained soils on the **Adjacent Property**?	☐	☑	

	QUESTIONS	YES	NO	COMMENTS / DETAILS
28A.	Did you observe evidence or have prior knowledge of areas of stained soils on the **Adjacent Property** in the past?	☐	☑	
29.	Are there **currently** any storage tanks, (aboveground or underground), located on the **Adjacent Property**? *(if yes, please give details)*	☑	☐	500 GALLON WATER TANKS
29A.	Did you observe evidence or have **prior knowledge** of *past* storage tanks, (aboveground or underground), located on the **Adjacent Property**? *(if yes, please give details)*	☐	☑	
30.	Are there **currently** any vent-pipes, fill-pipes, or access ways indicating a fill-pipe, protruding from the ground on Adjacent Properties; or adjacent to any structure located on the **Adjacent Property**?	☐	☑	
30A.	Did you observe evidence or have **prior knowledge** of the existence of *past* vent-pipes, fill-pipes, or access ways indicating a fill-pipe, on the Adjacent Properties; or adjacent to any structure on the **Adjacent Property**?	☐	☑	
31.	Are there **currently** any indications of leaks, spills, foul odors, or staining *(from sources other than water)*, associated with flooring, drains, walls, ceilings, or exposed grounds on the **Adjacent Property**?	☐	☑	
31A.	Did you observe evidence or have **prior knowledge** of *past* leaks, spills, foul odors, or staining *(from sources other than water)* on the **Adjacent Property**?	☐	☑	

Acknowledgement

I acknowledge that I have read this questionnaire, and have responded to the issues and questions posed therein to the best of my knowledge.

Name: (Printed) DIANA NEWMAN

Signature: Diana Newman Date: 3-11-19

Fidelity National Title Company

PRELIMINARY REPORT

In response to the application for a policy of title insurance referenced herein, ***Fidelity National Title Company*** *hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a policy or policies of title insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an exception herein or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations or Conditions of said policy forms.*

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Attachment One. The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the insured as the exclusive remedy of the parties. Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Attachment One. Copies of the policy forms should be read. They are available from the office which issued this report.

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

The policy(ies) of title insurance to be issued hereunder will be policy(ies) of Fidelity National Title Insurance Company, a Florida corporation.

Please read the exceptions shown or referred to herein and the exceptions and exclusions set forth in Attachment One of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects and encumbrances affecting title to the land.

Fidelity National Title Insurance Company

By:

President

Countersigned By:

Authorized Officer or Agent

SEAL

Attest:

Secretary

Visit Us on our Website: www.fntic.com

Fidelity National Title Company

ISSUING OFFICE: 2222 S. Broadway, Suite G, Santa Maria, CA 93454

FOR SETTLEMENT INQUIRIES, CONTACT:
Fidelity National Title Company
2222 South Broadway, Suite G • Santa Maria, CA 93454
(805)922-8331 • FAX (805)928-6064

Another Prompt Delivery From Fidelity National Title Company Title Department
Where Local Experience And Expertise Make A Difference

PRELIMINARY REPORT

Revision A

Title Officer: David W. Long
Email: David.Long@fnf.com
Title No.: FSLC-0151900300DWL

Escrow Officer: Laurie Christopher
Email: Laurie.Christopher@fnf.com
Escrow No.: FSLC-0151900300 LBC

TO: Rincon Corporation
185 S. Broadway #102
Orcutt, CA 93455
Attn: Larry Lahr

PROPERTY ADDRESS(ES): 1760 East Betteravia Road, Santa Maria, CA

EFFECTIVE DATE: February 22, 2019 at 07:30 AM

The form of policy or policies of title insurance contemplated by this report is:

CLTA Standard Coverage Policy 1990 (04-08-14)

1. THE ESTATE OR INTEREST IN THE LAND HEREINAFTER DESCRIBED OR REFERRED TO COVERED BY THIS REPORT IS:

   A Fee

2. TITLE TO SAID ESTATE OR INTEREST AT THE DATE HEREOF IS VESTED IN:

   Diana M. Newman, Trustee of the Bill and Diana Newman Living Trust dated May 22, 2017

3. THE LAND REFERRED TO IN THIS REPORT IS DESCRIBED AS FOLLOWS:

   SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

EXHIBIT "A"
Legal Description

For APN/Parcel ID(s): 128-097-001 and 128-097-002

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE UNINCORPORATED AREA IN COUNTY OF SANTA BARBARA, STATE OF CALIFORNIA AND IS DESCRIBED AS FOLLOWS:

THE WEST HALF OF THE NORTHWEST QUARTER; THE WEST HALF OF THE WEST HALF OF THE EAST HALF OF THE NORTHWEST QUARTER; AND THE WEST HALF OF THE EAST HALF OF THE WEST HALF OF THE EAST OF THE NORTHWEST QUARTER OF SECTION 30, IN TOWNSHIP 10 NORTH, RANGE 3 WEST OF SAN BERNARDINO MERIDIAN, IN THE COUNTY OF SANTA BARBARA, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT OF THE SURVEY OF SAID LAND ON FILE IN THE BUREAU OF LAND MANAGEMENT AND APPROVED DECEMBER 18, 1860.

EXCEPTING THEREFROM THE NORTH 30 FEET THEREOF CONVEYED TO THE COUNTY OF SANTA BARBARA BY DEED RECORDED APRIL 15, 1887 IN BOOK 13, PAGE 311 OF DEEDS.

EXCEPTING THEREFROM AN UNDIVIDED 1/2 INTEREST IN ALL OIL, GAS, PETROLEUM, NAPHTHA, MINERALS, HYDROCARBONS, AND OTHER KINDRED SUBSTANCES DEPOSITED IN, LYING UNDER OR FLOWING THROUGH SAID PARCEL ONE AND TWO BELOW A DEPTH OF 500 FEET FROM THE SURFACE OF SAID LAND, BUT WITHOUT THE RIGHT OF SURFACE ENTRY UPON THE LAND.

EXCEPTING THEREFROM AN UNDIVIDED 75% INTEREST OF ALL OIL, GAS, PETROLEUM, NAPHTHA, MINERALS, HYDROCARBONS, AND OTHER KINDRED SUBSTANCES DEPOSITED IN, LYING UNDER OR FLOWING THROUGH SAID LAND BELOW A DEPTH OF 500 FEET FROM THE SURFACE OF SAID LAND, BUT WITHOUT THE RIGHT OF SURFACE ENTRY AS RESERVED BY VINCENT FAMILY RANCHES IN THE DEED RECORDED MARCH 21, 1986 AS INSTRUMENT NO. 1986-016320 OF OFFICIAL RECORDS.

ALSO EXCEPTING THEREFROM AN UNDIVIDED 25% INTEREST OF ALL OIL, GAS, PETROLEUM, NAPHTHA, MINERALS, HYDROCARBONS, AND OTHER KINDRED SUBSTANCES DEPOSITED IN, LYING UNDER OR FLOWING THROUGH SAID LAND BELOW A DEPTH OF 500 FEET FROM THE SURFACE OF SAID LAND, BUT WITHOUT THE RIGHT OF SURFACE ENTRY AS RESERVED BY DONALD ERIC VINCENT IN THE DEED RECORDED MARCH 21, 1986 AS INSTRUMENT NO. 1986-016320 OF OFFICIAL RECORDS.

AT THE DATE HEREOF, EXCEPTIONS TO COVERAGE IN ADDITION TO THE PRINTED EXCEPTIONS AND EXCLUSIONS IN SAID POLICY FORM WOULD BE AS FOLLOWS:

1. Property taxes, which are a lien not yet due and payable, including any assessments collected with taxes to be levied for the fiscal year 2019-2020.

2. Property taxes, including any personal property taxes and any assessments collected with taxes are as follows:

Code Area:	087-001
Tax Identification No.:	128-097-001
Fiscal Year:	2018-2019
1st Installment:	$16,840.69 Paid
2nd Installment:	$16,840.69 Open
Exemption:	$0.00
Land:	$914,784.00
Improvements:	$2,088,890.00
Personal Property:	$0.00
Bill No.:	2018-1103702

Prior to close of escrow, please contact the Tax Collector's Office to confirm all amounts owing, including current fiscal year taxes, supplemental taxes, escaped assessments and any delinquencies.

3. Property taxes, including any personal property taxes and any assessments collected with taxes are as follows:

Code Area:	087-001
Tax Identification No.:	128-097-002
Fiscal Year:	2018-2019
1st Installment:	$533.02 Paid
2nd Installment:	$533.02 Open
Exemption:	$0.00
Land:	$94,320.00
Improvements:	$0.00
Personal Property:	$0.00
Bill No.:	2018-1103703

Prior to close of escrow, please contact the Tax Collector's Office to confirm all amounts owing, including current fiscal year taxes, supplemental taxes, escaped assessments and any delinquencies.

4. The lien of supplemental or escaped assessments of property taxes, if any, made pursuant to the provisions of Chapter 3.5 (commencing with Section 75) or Part 2, Chapter 3, Articles 3 and 4, respectively, of the Revenue and Taxation Code of the State of California as a result of the transfer of title to the vestee named in Schedule A or as a result of changes in ownership or new construction occurring prior to Date of Policy.

5. Rights of the public to any portion of the Land lying within the area commonly known as

East Betteravia Road and Prell Road.

EXCEPTIONS
(continued)

6. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	County of Santa Barbara
Purpose:	Road and incidental purposes
Recording Date:	January 5, 1893
Recording No.:	Book 36 Page 481, of Deeds

The exact location and extent of said easement is not disclosed of record.

7. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	The Pacific Telephone and Telegraph Company
Purpose:	Anchor and incidental purposes
Recording Date:	May 5, 1928
Recording No.:	4308, Book 142 Page 64, of Official Records

The exact location and extent of said easement is not disclosed of record.

8. An unrecorded oil and gas lease for the term therein provided, with certain covenants, conditions and provisions, together with easements, if any, as set forth therein, disclosed by document

Dated:	December 26, 1933
Lessor:	Blance P. Vincent, a Widow
Lessee:	Arthur N. Macrate
Recording Date:	January 22, 1934
Recording No.:	508, Book 303 Page 9, of Official Records

No insurance is made as to the present ownership of the leasehold created by said lease, nor as to other matters affecting the rights or interests of the lessor or lessee in said lease.

9. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	Union Oil Company of California
Purpose:	Pipelines and utilities and incidental purposes
Recording Date:	March 5, 1937
Recording No.:	1674, Book 389 Page 455, of Official Records
Affects:	As more fully described in said document

10. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	Union Oil Company of California
Purpose:	Pipelines and utilities and incidental purposes
Recording Date:	March 20, 1937
Recording No.:	2174, Book 383 Page 449, of Official Records
Affects:	As more fully described in said document

EXCEPTIONS
(continued)

11. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	Santa Barbara Telephone Company
Purpose:	Telephone and telegraph lines and incidental purposes
Recording Date:	December 20, 1937
Recording No.:	11675, Book 419 Page 285, of Official Records

The exact location and extent of said easement is not disclosed of record.

12. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	Southern California Telephone Company
Purpose:	Anchors and incidental purposes
Recording Date:	February 25, 1942
Recording No.:	1626, Book 547 Page 231, of Official Records

The exact location and extent of said easement is not disclosed of record.

13. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	Union Oil Company of California
Purpose:	Pipelines and incidental purposes
Recording Date:	December 23, 1943
Recording No.:	11532, Book 594 Page 411, of Official Records
Affects:	As more fully described in said document

14. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	County of Santa Barbara
Purpose:	Public road and incidental purposes
Recording Date:	May 3, 1956
Recording No.:	8676, Book 1377 Page 124, of Official Records
Affects:	The Northerly 47 feet

15. Matters contained in that certain document

Entitled:	Unit Agreement for the Development and Operation of the Santa Maria Valley Oil & Gas Field Unit Area
Executed by:	Union Oil Company of California
Recording Date:	May 6, 1964
Recording No.:	18953, Book 2048 Page 776, of Official Records

Reference is hereby made to said document for full particulars.

Declaration and Supplement

Recording Date:	April 22, 1965
Recording No.:	14379, Book 2102 Page 263, of Official Records

EXCEPTIONS
(continued)

Working Interest Owners' Consent to and Ratification of Unit Agreement and Unit Operating Agreement

Recording Date: April 27, 1965
Recording No.: 14766, Book 2102 Page 924, of Official Records

16. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	City of Santa Maria
Purpose:	Water lines and incidental purposes
Recording Date:	July 31, 1974
Recording No.:	28050, Book 2527 Page 1133, of Official Records
Affects:	The Westerly 30 feet

17. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	Pacific Gas and Electric Company
Purpose:	Public utilities and incidental purposes
Recording Date:	June 1, 1976
Recording No.:	21917, Book 2614 Page 1540, of Official Records
Affects:	As more fully described in said document

18. Easement(s) for the purpose(s) shown below and rights incidental thereto as reserved in a document:

Reserved by:	Vincent Family Ranches
Purpose:	Right of entry, power and pipelines
Recording Date:	March 21, 1986
Recording No.:	1986-016320, of Official Records
Affects:	As more fully described in said document

19. Matters contained in that certain document

Entitled:	Agreement for Utility Connection and Service Outside of City Boundaries
Executed by:	City of Santa Maria and Lab Farms
Recording Date:	November 22, 1989
Recording No.:	89-077983, of Official Records

Reference is hereby made to said document for full particulars.

20. A deed of trust to secure an indebtedness in the amount shown below,

Amount:	$1,567,000.00
Dated:	September 8, 1999
Trustor/Grantor	Bill J. Newman, as Trustee of The Bill J. Newman 1997 Revocable Trust, U/D/ dated March 28, 1997, as amended on May 13, 1997, who acquired title as Bill J. Newman, as Trustee of the Bill J. Newman 1997 Revocable Trust, U/D/T dated March 28, 1997
Trustee:	Central Coast Federal Land Bank Association, FLCA
Beneficiary:	Central Coast Federal Land Bank Association, FLCA
Loan No.:	0163473
Recording Date:	September 17, 1999
Recording No.:	1999-0074498, of Official Records

EXCEPTIONS
(continued)

21. A financing statement as follows:

Debtor: The Bill J. Newman 1997 Revocable Trust, U/D/T dated March 28, 1997, as amended on May 13, 1997
Secured Party: Farm Credit West, FLCA
Recording Date: December 3, 2004
Recording No.: 2004-0127270, of Official Records

A change to the above financing statement was filed

Nature of Change: Continuation
Recording Date: November 19, 2014
Recording No.: 2014-0053102, of Official Records

A change to the above financing statement was filed

Nature of Change: Party Information Change
Recording Date: December 2, 2015
Recording No.: 2015-0062737, of Official Records

22. Matters contained in that certain document

Entitled: Owner's Agreement to Construct and Maintain Private Drainage Improvement and Private Drainage & Maintenance Easements
Executed by: Bill J. Neuman, 1997 Revocable Trust; Santa Barbara County Flood Control & Water Conservation District
Recording Date: November 16, 2006
Recording No.: 2006-0089912, of Official Records

Reference is hereby made to said document for full particulars.

EXCEPTIONS
(continued)

23. The Company will require the following documents for review prior to the issuance of any title insurance predicated upon a conveyance or encumbrance from the entity named below.

Limited Liability Company: Tri-M Rental Group, a California limited liability company

a. A copy of its operating agreement, if any, and any and all amendments, supplements and/or modifications thereto, certified by the appropriate manager or member.

b. If a domestic Limited Liability Company, a copy of its Articles of Organization and all amendment thereto with the appropriate filing stamps.

c. If the Limited Liability Company is member-managed a full and complete current list of members certified by the appropriate manager or member.

d. A current dated certificate of good standing from the proper governmental authority of the state in which the entity was created

e. If less than all members, or managers, as appropriate, will be executing the closing documents, furnish evidence of the authority of those signing.

f) If Limited Liability Company is a Single Member Entity, a Statement of Information for the Single Member will be required.

g) Each member and manager of the LLC without an Operating Agreement must execute in the presence of a notary public the Certificate of California LLC (Without an Operating Agreement) Status and Authority form

"IF AN ALTA POLICY IS REQUESTED THE FOLLOWING ITEMS WILL BE INCLUDED:"

24. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other matters which a correct survey would disclose and which are not shown by the public records.

25. Any rights, interests or claims which a correct survey would disclose and are not disclosed by the public records.

26. The Company will require an ALTA/NSPS LAND TITLE SURVEY. If the owner of the Land the subject of this transaction is in possession of a current ALTA/NSPS LAND TITLE SURVEY, the Company will require that said survey be submitted for review and approval; otherwise, a new survey, satisfactory to the Company, must be prepared by a licensed land surveyor and supplied to the Company prior to the close of escrow.

The Company reserves the right to add additional items or make further requirements after review of the requested documentation.

27. Any easements not disclosed by the public records as to matters affecting title to real property, whether or not said easements are visible and apparent.

28. Water rights, claims or title to water, whether or not disclosed by the public records.

EXCEPTIONS
(continued)

29. Any rights of the parties in possession of a portion of, or all of, said Land, which rights are not disclosed by the public records.

The Company will require, for review, a full and complete copy of any unrecorded agreement, contract, license and/or lease, together with all supplements, assignments and amendments thereto, before issuing any policy of title insurance without excepting this item from coverage.

The Company reserves the right to except additional items and/or make additional requirements after reviewing said documents.

30. Any lien or right to a lien for services, labor or material not shown by the Public Records.

31. The Company will require that an Owner's Affidavit be completed by the party(s) named below before the issuance of any policy of title insurance.

Party(ies): Diana M. Newman, Trustee of the Bill and Diana Newman Living Trust dated May 22, 2017

The Company reserves the right to add additional items or make further requirements after review of the requested Affidavit.

END OF EXCEPTIONS

NOTES

Notice: Please be aware that due to the conflict between federal and state laws concerning the cultivation, distribution, manufacture or sale of marijuana, the Company is not able to close or insure any transaction involving Land that is associated with these activities.

Note 1. Note: The charge for a policy of title insurance, when issued through this title order, will be based on the Basic Title Insurance Rate.

Note 2. Note: The name(s) of the proposed insured(s) furnished with this application for title insurance is/are:

Name(s) furnished: Tri-M Rental Group, a California limited liability company

If these name(s) are incorrect, incomplete or misspelled, please notify the Company.

Note 3. Note: The Company is not aware of any matters which would cause it to decline to attach CLTA Endorsement Form 116 indicating that there is located on said Land Agricultural property, known as 1750 East Betteravia Road, Santa Maria, CA, to an Extended Coverage Loan Policy.

Note 4. Note: The only conveyance(s) affecting said Land, which recorded within 24 months of the date of this report, are as follows:

Grantor: SM Valley Farms, LLC, a California Limited Liability Company
Grantee: Diana M. Newman, Trustee of the Bill J. Newman 1997 Revocable Trust U/D/T dated March 28, 1997
Recording Date: November 27, 2018
Recording No.: 2018-0050227, of Official Records

Grantor: Diana M. Newman, Trustee of the Bill J. Newman 1997 Revocable Trust U/D/T dated March 28, 1997
Grantee: Diana M. Newman, Trustee of the Bill and Diana Newman Living Trust dated May 22, 2017
Recording Date: November 27, 2018
Recording No.: 2018-0050229, of Official Records

Note 5. The application for title insurance was placed by reference to only a street address or tax identification number. The proposed Insured must confirm that the legal description in this report covers the parcel(s) of Land requested to be insured. If the legal description is incorrect, the proposed Insured must notify the Company and/or the settlement company in order to prevent errors and to be certain that the legal description for the intended parcel(s) of Land will appear on any documents to be recorded in connection with this transaction and on the policy of title insurance.

Note 6. Note: If a county recorder, title insurance company, escrow company, real estate broker, real estate agent or association provides a copy of a declaration, governing document or deed to any person, California law requires that the document provided shall include a statement regarding any unlawful restrictions. Said statement is to be in at least 14-point bold face type and may be stamped on the first page of any document provided or included as a cover page attached to the requested document. Should a party to this transaction request a copy of any document reported herein that fits this category, the statement is to be included in the manner described.

NOTES
(continued)

Note 7. Note: Any documents being executed in conjunction with this transaction must be signed in the presence of an authorized Company employee, an authorized employee of an agent, an authorized employee of the insured lender, or by using Bancserv or other approved third-party service. If the above requirement cannot be met, please call the Company at the number provided in this report.

Note 8. Pursuant to Government Code Section 27388.1, as amended and effective as of 1-1-2018, a Documentary Transfer Tax (DTT) Affidavit may be required to be completed and submitted with each document when DTT is being paid or when an exemption is being claimed from paying the tax. If a governmental agency is a party to the document, the form will not be required. DTT Affidavits may be available at a Tax Assessor-County Clerk-Recorder.

Note 9. Due to the special requirements of SB 50 (California Public Resources Code Section 8560 et seq.), any transaction that includes the conveyance of title by an agency of the United States must be approved in advance by the Company's State Counsel, Regional Counsel, or one of their designees.

END OF NOTES

WIRE SAFE. | Inquire before you wire!

WIRE FRAUD ALERT

This Notice is not intended to provide legal or professional advice.
If you have any questions, please consult with a lawyer.

All parties to a real estate transaction are targets for wire fraud and many have lost hundreds of thousands of dollars because they simply relied on the wire instructions received via email, without further verification. **If funds are to be wired in conjunction with this real estate transaction, we strongly recommend verbal verification of wire instructions through a known, trusted phone number prior to sending funds.**

In addition, the following non-exclusive self-protection strategies are recommended to minimize exposure to possible wire fraud.

- **NEVER RELY** on emails purporting to change wire instructions. Parties to a transaction rarely change wire instructions in the course of a transaction.
- **ALWAYS VERIFY** wire instructions, specifically the ABA routing number and account number, by calling the party who sent the instructions to you. DO NOT use the phone number provided in the email containing the instructions, use phone numbers you have called before or can otherwise verify. **Obtain the number of relevant parties to the transaction as soon as an escrow account is opened.** DO NOT send an email to verify as the email address may be incorrect or the email may be intercepted by the fraudster.
- **USE COMPLEX EMAIL PASSWORDS** that employ a combination of mixed case, numbers, and symbols. Make your passwords greater than eight (8) characters. Also, change your password often and do NOT reuse the same password for other online accounts.
- **USE MULTI-FACTOR AUTHENTICATION** for email accounts. Your email provider or IT staff may have specific instructions on how to implement this feature.

For more information on wire-fraud scams or to report an incident, please refer to the following links:

Federal Bureau of Investigation:
http://www.fbi.gov

Internet Crime Complaint Center:
http://www.ic3.gov

FIDELITY NATIONAL FINANCIAL
PRIVACY NOTICE
Revised May 1, 2018

Fidelity National Financial, Inc. and its majority-owned subsidiary companies (collectively, "FNF", "our," or "we") respect and are committed to protecting your privacy. This Privacy Notice explains how we collect, use, and protect personal information, when and to whom we disclose such information, and the choices you have about the use and disclosure of that information.

Types of Information Collected
We may collect two types of information from you: Personal Information and Browsing Information.

Personal Information. FNF may collect the following categories of Personal Information:
- contact information (e.g., name, address, phone number, email address);
- demographic information (e.g., date of birth, gender, marital status);
- identity information (e.g. Social Security Number, driver's license, passport, or other government ID number);
- financial account information (e.g. loan or bank account information); and
- other personal information necessary to provide products or services to you.

Browsing Information. FNF may automatically collect the following types of Browsing Information when you access an FNF website, online service, or application (each an "FNF Website") from your Internet browser, computer, and/or mobile device:
- Internet Protocol (IP) address and operating system;
- browser version, language, and type;
- domain name system requests; and
- browsing history on the FNF Website, such as date and time of your visit to the FNF Website and visits to the pages within the FNF Website.

How Personal Information Is Collected
We may collect Personal Information about you from:
- information we receive from you on applications or other forms;
- information about your transactions with FNF, our affiliates, or others; and
- information we receive from consumer reporting agencies and/or governmental entities, either directly from these entities or through others.

How Browsing Information is Collected
If you visit or use an FNF Website, Browsing Information may be collected during your visit. Like most websites, our servers automatically log each visitor to the FNF Website and may collect the Browsing Information described above. We use Browsing Information for system administration, troubleshooting, fraud investigation, and to improve our websites. Browsing Information generally does not reveal anything personal about you, though if you have created a user account for an FNF Website and are logged into that account, the FNF Website may be able to link certain browsing activity to your user account.

Other Online Specifics
Cookies. When you visit an FNF Website, a "cookie" may be sent to your computer. A cookie is a small piece of data that is sent to your Internet browser from a web server and stored on your computer's hard drive. Information gathered using cookies helps us improve your user experience. For example, a cookie can help the website load properly or can customize the display page based on your browser type and user preferences. You can choose whether or not to accept cookies by changing your Internet browser settings. Be aware that doing so may impair or limit some functionality of the FNF Website.

Web Beacons. We use web beacons to determine when and how many times a page has been viewed. This information is used to improve our websites.

Do Not Track. Currently our FNF Websites do not respond to "Do Not Track" features enabled through your browser.

Links to Other Sites. FNF Websites may contain links to other websites. FNF is not responsible for the privacy practices or the content of any of those other websites. We advise you to read the privacy policy of every website you visit.

Use of Personal Information

FNF uses Personal Information for three main purposes:

- To provide products and services to you or in connection with a transaction involving you.
- To improve our products and services.
- To communicate with you about our, our affiliates', and third parties' products and services, jointly or independently.

When Information Is Disclosed

We may make disclosures of your Personal Information and Browsing Information in the following circumstances:

- to enable us to detect or prevent criminal activity, fraud, material misrepresentation, or nondisclosure;
- to nonaffiliated service providers who provide or perform services or functions on our behalf and who agree to use the Information only to provide such services or functions;
- to nonaffiliated third party service providers with whom we perform joint marketing, pursuant to an agreement with them to jointly market financial products or services to you;
- to law enforcement or authorities in connection with an investigation, or in response to a subpoena or court order; or
- in the good-faith belief that such disclosure is necessary to comply with legal process or applicable laws, or to protect the rights, property, or safety of FNF, its customers, or the public.

The law does not require your prior authorization and does not allow you to restrict the disclosures described above. Additionally, we may disclose your Information to third parties for whom you have given us authorization or consent to make such disclosure. We do not otherwise share your Personal Information or Browsing Information with nonaffiliated third parties, except as required or permitted by law.

We reserve the right to transfer your Personal Information, Browsing Information, and any other Information, in connection with the sale or other disposition of all or part of the FNF business and/or assets, or in the event of bankruptcy, reorganization, insolvency, receivership, or an assignment for the benefit of creditors. By submitting Personal Information and/or Browsing Information to FNF, you expressly agree and consent to the use and/or transfer of the foregoing information in connection with any of the above described proceedings.

Please see **"Choices With Your Information"** to learn the disclosures you can restrict.

Security of Your Information

We maintain physical, electronic, and procedural safeguards to guard your Personal Information. We limit access to nonpublic personal information about you to employees who need to know that information to do their job. When we provide Personal Information to others as discussed in this Privacy Notice, we expect that they process such information in compliance with our Privacy Notice and in compliance with applicable privacy laws.

Choices With Your Information

If you do not want FNF to share your information with our affiliates to directly market to you, you may send an "opt out" request by email, phone, or physical mail as directed at the end of this Privacy Notice. We do not share your Personal Information with nonaffiliates for their use to direct market to you.

Whether you submit Personal Information or Browsing Information to FNF is entirely up to you. If you decide not to submit Personal Information or Browsing Information, FNF may not be able to provide certain services or products to you.

For California Residents: We will not share your Personal Information or Browsing Information with nonaffiliated third parties, except as permitted by California law.

For Nevada Residents: You may be placed on our internal Do Not Call List by calling (888) 934-3354 or by contacting us via the information set forth at the end of this Privacy Notice. Nevada law requires that we also provide you with the following contact information: Bureau of Consumer Protection, Office of the Nevada Attorney General, 555 E. Washington St., Suite 3900, Las Vegas, NV 89101; Phone number: (702) 486-3132; email: BCPINFO@ag.state.nv.us.

For Oregon Residents: We will not share your Personal Information or Browsing Information with nonaffiliated third parties for marketing purposes, except after you have been informed by us of such sharing and had an opportunity to indicate that you do not want a disclosure made for marketing purposes.

For Vermont Residents: We will not disclose information about you creditworthiness to our affiliates and will not disclose your personal information, financial information, credit report, or health information to nonaffiliated third parties to market to you, other than as permitted by Vermont law, unless you authorize us to make those disclosures.

Information From Children

The FNF Websites are meant for adults and are not intended or designed to attract persons under the age of eighteen (18). We do not collect Personal Information from any person that we know to be under the age of thirteen (13) without permission from a parent or guardian.

International Users

FNF's headquarters is located within the United States. If you reside outside the United States and choose to provide Personal Information or Browsing Information to us, please note that we may transfer that information outside of your country of residence for any of the purposes described in this Privacy Notice. By providing FNF with your Personal Information and/or Browsing Information, you consent to our collection, transfer, and use of such information in accordance with this Privacy Notice.

FNF Website Services for Mortgage Loans

Certain FNF companies provide services to mortgage loan servicers, including hosting websites that collect customer information on behalf of mortgage loan servicers (the "Service Websites"). The Service Websites may contain links to both this Privacy Notice and the mortgage loan servicer or lender's privacy notice. The sections of this Privacy Notice titled When Information is Disclosed, Choices with Your Information, and Accessing and Correcting Information do not apply to the Service Websites. The mortgage loan servicer or lender's privacy notice governs use, disclosure, and access to your Personal Information. FNF does not share Personal Information collected through the Service Websites, except (1) as required or authorized by contract with the mortgage loan servicer or lender, or (2) as required by law or in the good-faith belief that such disclosure is necessary to comply with a legal process or applicable law, to enforce this Privacy Notice, or to protect the rights, property, or safety of FNF or the public.

Your Consent To This Privacy Notice; Notice Changes

By submitting Personal Information and/or Browsing Information to FNF, you consent to the collection and use of the information in accordance with this Privacy Notice. We may change this Privacy Notice at any time. The revised Privacy Notice, showing the new revision date, will be posted on the FNF Website. Each time you provide information to us following any amendment of this Privacy Notice, your provision of information to us will signify your assent to and acceptance of the terms of the revised Privacy Notice for all previously collected information and information collected from you in the future. We may use comments, information or feedback that you submit to us in any manner that we may choose without notice or compensation to you.

Accessing and Correcting Information; Contact Us

If you have questions, would like to access or correct your Personal Information, or want to opt-out of information sharing for affiliate marketing, send your requests via email to privacy@fnf.com, by phone to (888) 934-3354, or by mail to:

Fidelity National Financial, Inc.
601 Riverside Avenue,
Jacksonville, Florida 32204
Attn: Chief Privacy Officer

ATTACHMENT ONE

CALIFORNIA LAND TITLE ASSOCIATION STANDARD COVERAGE POLICY - 1990

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building or zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien, or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.

   (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.

2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.

3. Defects, liens, encumbrances, adverse claims or other matters:

   (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;

   (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;

   (c) resulting in no loss or damage to the insured claimant;

   (d) attaching or created subsequent to Date of Policy; or

   (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.

4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable doing business laws of the state in which the land is situated.

5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.

6. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by this policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

EXCEPTIONS FROM COVERAGE - SCHEDULE B, PART I

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.

   Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.

2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.

3. Easements, liens or encumbrances, or claims thereof, not shown by the public records.

4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.

5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the public records.

6. Any lien or right to a lien for services, labor or material not shown by the public records.

ATTACHMENT ONE
(CONTINUED)

CLTA HOMEOWNER'S POLICY OF TITLE INSURANCE (12-02-13)
ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE

EXCLUSIONS

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
   a. building;
   b. zoning;
   c. land use;
   d. Improvements on the Land;
   e. land division; and
   f. environmental protection.

   This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
4. Risks:
   a. that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records;
   b. that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date;
   c. that result in no loss to You; or
   d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.
5. Failure to pay value for Your Title.
6. Lack of a right:
   a. to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
   b. in streets, alleys, or waterways that touch the Land.

   This Exclusion does not limit the coverage described in Covered Risk 11 or 21.
7. The transfer of the Title to You is invalid as a preferential transfer or as a fraudulent transfer or conveyance under federal bankruptcy, state insolvency, or similar creditors' rights laws.
8. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake or subsidence.
9. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows:

- For Covered Risk 16, 18, 19 and 21, Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

	Your Deductible Amount	Our Maximum Dollar Limit of Liability
Covered Risk 16:	1.00% of Policy Amount Shown in Schedule A or $2,500.00 (whichever is less)	$ 10,000.00
Covered Risk 18:	1.00% of Policy Amount Shown in Schedule A or $5,000.00 (whichever is less)	$ 25,000.00
Covered Risk 19:	1.00% of Policy Amount Shown in Schedule A or $5,000.00 (whichever is less)	$ 25,000.00
Covered Risk 21:	1.00% of Policy Amount Shown in Schedule A or $2,500.00 (whichever is less)	$ 5,000.00

ATTACHMENT ONE
(CONTINUED)

2006 ALTA LOAN POLICY (06-17-06)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
   (i) the occupancy, use, or enjoyment of the Land;
   (ii) the character, dimensions, or location of any improvement erected on the Land;
   (iii) the subdivision of land; or
   (iv) environmental protection;
   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
   (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed, or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or
   (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
   (a) a fraudulent conveyance or fraudulent transfer; or
   (b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

[Except as provided in Schedule B - Part II,[t[or T]his policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees, or expenses that arise by reason of:

[PART I

[The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the Public Records.]

PART II

In addition to the matters set forth in Part I of this Schedule, the Title is subject to the following matters, and the Company insures against loss or damage sustained in the event that they are not subordinate to the lien of the Insured Mortgage:]

ATTACHMENT ONE
(CONTINUED)

2006 ALTA OWNER'S POLICY (06-17-06)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
   (i) the occupancy, use, or enjoyment of the Land;
   (ii) the character, dimensions, or location of any improvement erected on the Land;
   (iii) the subdivision of land; or
   (iv) environmental protection;
   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
   (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed, or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 and 10); or
   (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
   (a) a fraudulent conveyance or fraudulent transfer; or
   (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees, or expenses that arise by reason of:

[The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the Public Records.]
7. [Variable exceptions such as taxes, easements, CC&R's, etc., shown here.]

ATTACHMENT ONE
(CONTINUED)

ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY - ASSESSMENTS PRIORITY (04-02-15)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting or relating to
   (i) the occupancy, use, or enjoyment of the Land;
   (ii) the character, dimensions, or location of any improvement erected on the Land;
   (iii) the subdivision of land; or
   (iv) environmental protection;
   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
   (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed, or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
   (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury, or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.
9. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
   (a) a fraudulent conveyance or fraudulent transfer, or
   (b) a preferential transfer for any reason not stated in Covered Risk 27(b) of this policy.
10. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
11. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

Notice of Available Discounts

Pursuant to Section 2355.3 in Title 10 of the California Code of Regulations Fidelity National Financial, Inc. and its subsidiaries ("FNF") must deliver a notice of each discount available under our current rate filing along with the delivery of escrow instructions, a preliminary report or commitment. Please be aware that the provision of this notice does not constitute a waiver of the consumer's right to be charged the filed rate. As such, your transaction may not qualify for the below discounts.

You are encouraged to discuss the applicability of one or more of the below discounts with a Company representative. These discounts are generally described below; consult the rate manual for a full description of the terms, conditions and requirements for such discount. These discounts only apply to transactions involving services rendered by the FNF Family of Companies. This notice only applies to transactions involving property improved with a one-to-four family residential dwelling.

Not all discounts are offered by every FNF Company. The discount will only be applicable to the FNF Company as indicated by the named discount.

FNF Underwritten Title Companies
CTC – Chicago Title Company
CLTC – Commonwealth Land Title Company
FNTC – Fidelity National Title Company
FNTCCA – Fidelity National Title Company of California
TICOR – Ticor Title Company of California
LTC – Lawyer's Title Company

Underwritten by FNF Underwriters
CTIC – Chicago Title Insurance Company
CLTIC – Commonwealth Land Title Insurance Company
FNTIC – Fidelity National Title Insurance Company
FNTIC – Fidelity National Title Insurance Company
CTIC – Chicago Title Insurance Company
CLTIC – Commonwealth Land Title Insurance Company

Available Discounts

CREDIT FOR PRELIMINARY TITLE REPORTS AND/OR COMMITMENTS ON SUBSEQUENT POLICIES (CTIC, FNTIC)
Where no major change in the title has occurred since the issuance of the original report or commitment, the order may be reopened within twelve (12) to thirty-six (36) months and all or a portion of the charge previously paid for the report or commitment may be credited on a subsequent policy charge.

DISASTER LOANS (CTIC, CLTIC, FNTIC)
The charge for a Lender's Policy (Standard or Extended coverage) covering the financing or refinancing by an owner of record, within twenty-four (24) months of the date of a declaration of a disaster area by the government of the United States or the State of California on any land located in said area, which was partially or totally destroyed in the disaster, will be fifty percent (50%) of the appropriate title insurance rate.

CHURCHES OR CHARITABLE NON-PROFIT ORGANIZATIONS (CTIC, FNTIC)
On properties used as a church or for charitable purposes within the scope of the normal activities of such entities, provided said charge is normally the church's obligation the charge for an owner's policy shall be fifty percent (50%) to seventy percent (70%) of the appropriate title insurance rate, depending on the type of coverage selected. The charge for a lender's policy shall be thirty-two percent (32%) to fifty percent (50%) of the appropriate title insurance rate, depending on the type of coverage selected.

WIRESAFE Inquire before you wire!

WIRE FRAUD ALERT

This Notice is not intended to provide legal or professional advice.
If you have any questions, please consult with a lawyer.

All parties to a real estate transaction are targets for wire fraud and many have lost hundreds of thousands of dollars because they simply relied on the wire instructions received via email, without further verification. **If funds are to be wired in conjunction with this real estate transaction, we strongly recommend verbal verification of wire instructions through a known, trusted phone number prior to sending funds.**

In addition, the following non-exclusive self-protection strategies are recommended to minimize exposure to possible wire fraud.

- **NEVER RELY** on emails purporting to change wire instructions. Parties to a transaction rarely change wire instructions in the course of a transaction.
- **ALWAYS VERIFY** wire instructions, specifically the ABA routing number and account number, by calling the party who sent the instructions to you. DO NOT use the phone number provided in the email containing the instructions, use phone numbers you have called before or can otherwise verify. **Obtain the number of relevant parties to the transaction as soon as an escrow account is opened.** DO NOT send an email to verify as the email address may be incorrect or the email may be intercepted by the fraudster.
- **USE COMPLEX EMAIL PASSWORDS** that employ a combination of mixed case, numbers, and symbols. Make your passwords greater than eight (8) characters. Also, change your password often and do NOT reuse the same password for other online accounts.
- **USE MULTI-FACTOR AUTHENTICATION** for email accounts. Your email provider or IT staff may have specific instructions on how to implement this feature.

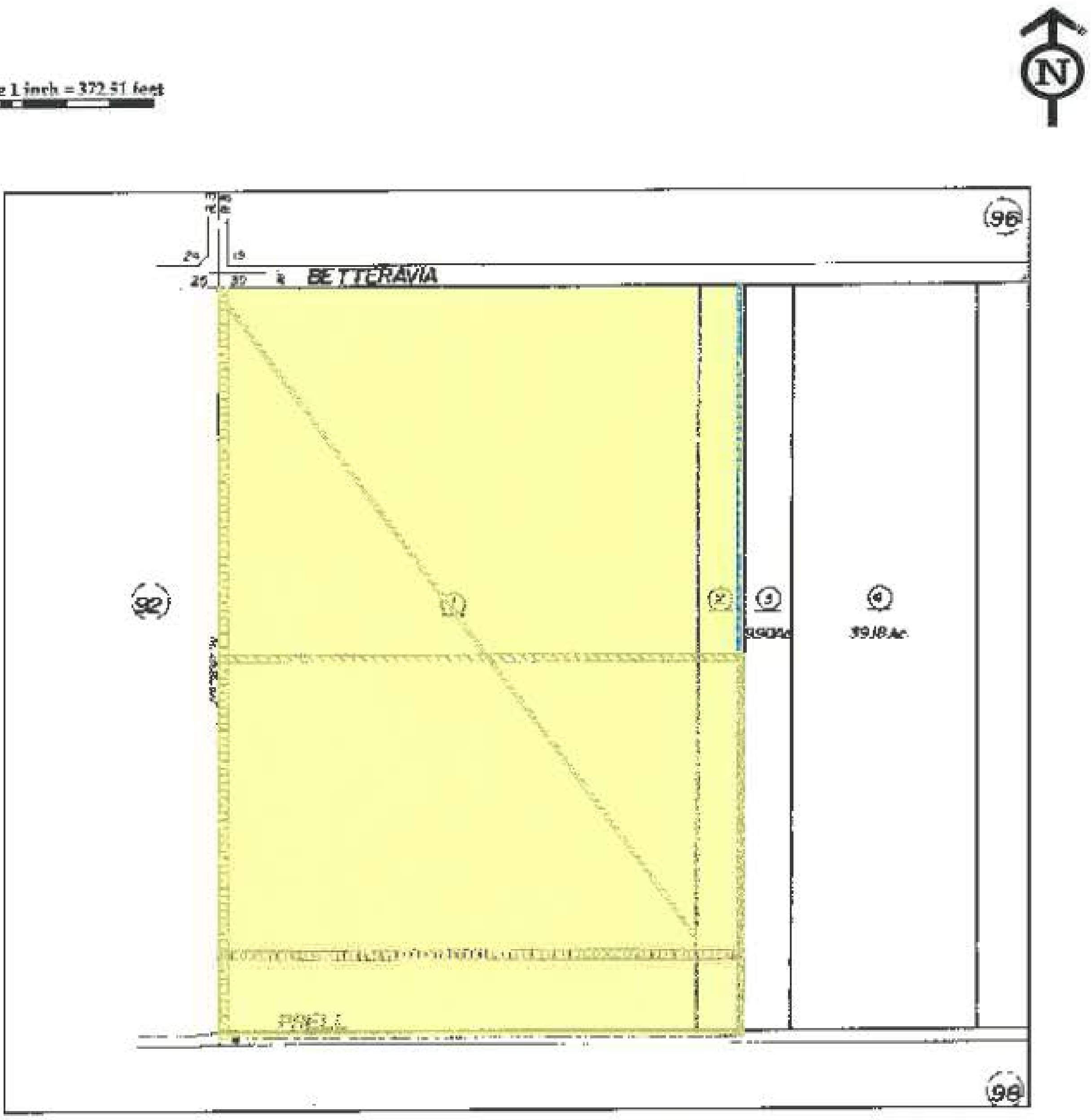
For more information on wire-fraud scams or to report an incident, please refer to the following links:

Federal Bureau of Investigation:
http://www.fbi.gov

Internet Crime Complaint Center:
http://www.ic3.gov

This map is being furnished as an aid in locating the herein described Land in relation to adjoining streets, natural boundaries and other land, and is not a survey of the land depicted. Except to the extent a policy of title insurance is expressly modified by endorsement, if any, the Company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon.

Scale 1 inch = 372.51 feet



Legend

Property in Question - Fee

Item No. 6 - Easement for Road
In 01/05/1893 Bk35 Pg461 of Deeds
The exact location of the easement
cannot be determined and is not plottable

Item No. 7 - Easement for Anchor
In 06/05/1928 Inst # 4308 Bk142 Pg64 of Official Records
The exact location of the easement
cannot be determined and is not plottable

Item No. 9 - Easement for Pipelines & Utilities
In 03/05/1937 Inst # 1674 Bk380 Pg456 of Official Records
Affects said portion as described in the document

Item No. 10 - Easement for Pipelines & Utilities
In 03/20/1937 Inst # 2174 Bk383 Pg449 of Official Records
Affects said portion as described in the document

Item No. 11 - Easement for Telephone
In 12/20/1937 Inst # 11675 Bk419 Pg295 of Official Records
The exact location of the easement
cannot be determined and is not plottable

Item No. 12 - Easement for Anchors
In 02/25/1942 Inst # 1626 Bk547 Pg231 of Official Records
The exact location of the easement
cannot be determined and is not plottable

Item No. 13 - Easement for Pipelines
In 12/29/1943 Inst # 11532 Bk594 Pg411 of Official Records
Affects said portion as described in the document

Item No. 14 - Easement for Public Road
In 05/03/1956 Inst # 8676 Bk1377 Pg124 of Official Records
The exact location of the easement
cannot be determined and is not plottable

Item No. 16 - Easement for Waterlines
In 07/31/1974 Inst # 28058 Bk2527 Pg1133 of Official Records
Affects said portion as described in the document

Item No. 17 - Easement for Public Utilities
In 06/01/1976 Inst # 21917 Bk2614 Pg1540 of Official Records
Affects said portion as described in the document

Item No. 18 - Easement for Power & Pipelines
In 03/21/1986 Inst # 1986-016320 of Official Records
The exact location of the easement
cannot be determined and is not plottable

Item No. 22 - Matters Contained
In 11/16/2006 Inst # 2006-0089912 of Official Records
The exact location of the easement
cannot be determined and is not plottable

Fidelity National Title Company 2222 S. Broadway, Suite G Santa Maria, CA 93454	Title Order No. : FSLC-0151900080, Preliminary Report Dated February 22, 2015	Drawing Date : 03/02/2019 - FNFI
	Reference :	Assessor's Parcel No. : 128-097-001 & 002 Date :
	Property : 1260 East Betteravia Road, Santa Maria, CA	
This map/plat is being furnished as an aid in locating the herein described Land in relation to adjoining streets, natural boundaries and other land, and is not a survey of the land depicted. Except to the extent a policy of title insurance is expressly modified by endorsement, if any, the Company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon.	Plat Showing : A PORTION OF LAND IS SITUATED IN THE UNINCORPORATED AREA IN COUNTY OF SANTA BARBARA, STATE OF CALIFORNIA	Sheet 1 of 1

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FIELD CHECKLIST

Site Name: 1750 E. Betteravia Road

Name of Inspector: Daniel Ringstmeyer

Project Number:

Date: March 6, 2019

Time:

	Yes	No	Comments
1. Flora/Fauna	☑	☐	active farm
2. Wooded Area	☐	☑	
3. Stressed Vegetation	☐	☑	
4. Discolored/Disturbed/Soils	☐	☑	
5. Depression/Pits	☐	☑	
6. Mounding/Piles of Soil	☐	☑	
7. Landfills	☐	☑	
8. Scattered Debris	☐	☑	
9. Solid Waste Repository	☐	☑	
10. Solid Waste Hauler	☐	☑	
11. Trails/Dead End Roads	☐	☑	
12. Railroad Track	☐	☑	
13. Railroad Spurs	☐	☑	
14. Building Structures	☑	☐	
Discharge Outlets	☐	☑	
Air	☐	☑	
Water	☑	☐	Waste water to septic
15. Noise	☐	☑	
16. Dust/Smoke	☐	☑	

FIELD CHECKLIST (CONT.)

	Yes	No	Comments
17. Unusual/Noxious Odors	☐	☑	
18. Surface Water	☑	☐	
Creeks	☐	☑	
Streams	☐	☑	
Rivers	☐	☑	
Ponds	☐	☑	
Wetlands	☐	☑	
Lakes	☐	☑	
Surface Impoundments	☐	☑	
Swale	☐	☑	
Drainage Ditch	☑	☐	
19. Discolored/Unusual Smelling Water	☐	☑	
20. Sanitary Sewer	☐	☑	
21. Storm Sewer	☐	☑	
22. Septic System	☑	☐	
23. Underground Utilities	☐	☑	
24. Pipelines	☑	☐	Irrigation piping
25. Water Wells	☑	☐	Two water wells
26. Monitoring Wells	☐	☑	
27. Soil Borings	☐	☑	
28. Underground Storage Tanks	☐	☑	
29. Above Ground Storage Tanks	☑	☐	Water tanks
30. Drums	☐	☑	

FIELD CHECKLIST (CONT.)

	Yes	No	Comments
31. Other	☐	☐	
32. Other	☐	☐	
33. Other	☐	☐	
34. Other	☐	☐	

35. Describe Adjacent Land Use:

North

Farming and Central City Cooling.

South

Residential on acreage.

East

Farming

West

Farming

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ENVIRONMENTAL PROPERTY ASSESSMENT IMPROVEMENT CHECKLIST

Site Name: 1750 E. Betteravia Road

Name of Inspector: Daniel Ringstmeyer

Project Number:

Date: March 6, 2019

Time:

1. Is there a Facility Layout Plan?	Yes ☐	No ☑
2. List the number of rooms/areas?	Yes ☐	No ☑
3. Are there UST fill sprouts inside building?	Yes ☐	No ☑
4. Are there UST's inside the building?	Yes ☐	No ☑
(If Yes)		
How many?		
What is the age?		
What product is stored?		
5. Are there above-ground storage tanks inside the building?	Yes ☐	No ☑
6. Is there a laboratory?	Yes ☐	No ☑
7. Is there a maintenance area?	Yes ☐	No ☑
8. Is there a drum storage area?	Yes ☐	No ☑
9. Does the facility have any environmental permits?	Yes ☐	No ☑

(If so, which type?)

- ☐ RCRA
- ☐ NPDES
- ☐ Air Emission
- ☐ Hazardous Waste Disposal
- ☐ Other

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ENVIRONMENTAL PROPERTY ASSESSMENT IMPROVEMENT CHECKLIST (CONT.)

10. Does the facility conduct a process or operation? Yes ☑ No ☐

(Describe each process:)

List the type of process, solid, special or hazardous waste generated:

Vegetable cooling plant--no hazardous waste generated.

Where is it disposed?

If there are floor drains explain where the drains discharge:

11. Is the following present (if so describe):

Ceiling tiles: yes in office area.

Floor tiles: office area

Insulation: yes

Pipe wrappings: yes

Can any of the above materials contain asbestos? yes

Is any of the material friable? Yes ☐ No ☑

12. Are any transformers present? Yes ☑ No ☐

Are they dry?

Describe the transformers:

Are PCB's suspected? Yes ☐ No ☑

13. Is there noise? Yes ☐ No ☑

14. Is there smoke/dust? Yes ☐ No ☑

15. Is the facility kept clean? Yes ☑ No ☐

16. Other?

APPENDIX C

GeoSearch Database Report

GeoSearch

On time. On target. In touch.℠

Radius Report

GeoLens by GeoSearch

Target Property:

1750 E Betteravia Rd

1750 Betteravia Rd

Santa Maria, Santa Barbara County, California 93454

Prepared For:

Buena Resources

Order #: 122535

Job #: 281125

Date: 03/04/2019

Table of Contents

Disclaimer

This report was designed by GeoSearch to meet or exceed the records search requirements of the All Appropriate Inquiries Rule (40 CFR ï¿½312.26) and the current version of the ASTM International E1527, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process or, if applicable, the custom requirements requested by the entity that ordered this report. The records and databases of records used to compile this report were collected from various federal, state and local governmental entities. It is the goal of GeoSearch to meet or exceed the 40 CFR ï¿½312.26 and E1527 requirements for updating records by using the best available technology. GeoSearch contacts the appropriate governmental entities on a recurring basis. Depending on the frequency with which a record source or database of records is updated by the governmental entity, the data used to prepare this report may be updated monthly, quarterly, semi-annually, or annually.

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Target Property Summary

Target Property Information

1750 E Betteravia Rd
1750 Betteravia Rd
Santa Maria, California 93454

Coordinates
Point (-120.39775, 34.920726)
304 feet above sea level

USGS Quadrangle
Santa Maria, CA

Geographic Coverage Information

County/Parish: Santa Barbara (CA)
ZipCode(s):
Santa Maria CA: 93454

Database Summary

FEDERAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
EMERGENCY RESPONSE NOTIFICATION SYSTEM	ERNSCA	0	0	TP/AP
FEDERAL ENGINEERING INSTITUTIONAL CONTROL SITES	EC	0	0	TP/AP
LAND USE CONTROL INFORMATION SYSTEM	LUCIS	0	0	TP/AP
RCRA SITES WITH CONTROLS	RCRASC	0	0	TP/AP
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR	RCRAGR09	0	0	0.1250
RESOURCE CONSERVATION & RECOVERY ACT - NON-GENERATOR	RCRANGR09	0	0	0.1250
BROWNFIELDS MANAGEMENT SYSTEM	BF	0	0	0.5000
DELISTED NATIONAL PRIORITIES LIST	DNPL	0	0	0.5000
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	NLRRCRAT	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - NON-CORRACTS TREATMENT, STORAGE & DISPOSAL FACILITIES	RCRAT	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM	SEMS	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM ARCHIVED SITE INVENTORY	SEMSARCH	0	0	0.5000
NATIONAL PRIORITIES LIST	NPL	0	0	1.0000
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	NLRRCRAC	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	PNPL	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES	RCRAC	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - SUBJECT TO CORRECTIVE ACTION FACILITIES	RCRASUBC	0	0	1.0000
SUB-TOTAL		0	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	AIRSAES	0	0	TP/AP
BIENNIAL REPORTING SYSTEM	BRS	0	0	TP/AP
CERCLIS LIENS	SFLIENS	0	0	TP/AP
CLANDESTINE DRUG LABORATORY LOCATIONS	CDL	0	0	TP/AP
EPA DOCKET DATA	DOCKETS	0	0	TP/AP
ENFORCEMENT AND COMPLIANCE HISTORY INFORMATION	ECHOR09	0	0	TP/AP
FACILITY REGISTRY SYSTEM	FRSCA	1	0	TP/AP

Database Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	HMIRSR09	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	ICIS	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	ICISNPDES	0	0	TP/AP
MATERIAL LICENSING TRACKING SYSTEM	MLTS	0	0	TP/AP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	NPDESR09	0	0	TP/AP
PCB ACTIVITY DATABASE SYSTEM	PADS	0	0	TP/AP
PERMIT COMPLIANCE SYSTEM	PCSR09	0	0	TP/AP
SEMS LIEN ON PROPERTY	SEMSLIENS	0	0	TP/AP
SECTION SEVEN TRACKING SYSTEM	SSTS	0	0	TP/AP
TOXIC SUBSTANCE CONTROL ACT INVENTORY	TSCA	0	0	TP/AP
TOXICS RELEASE INVENTORY	TRI	0	0	TP/AP
ALTERNATIVE FUELING STATIONS	ALTFUELS	0	0	0.2500
FEMA OWNED STORAGE TANKS	FEMAUST	0	0	0.2500
HISTORICAL GAS STATIONS	HISTPST	0	0	0.2500
INTEGRATED COMPLIANCE INFORMATION SYSTEM DRYCLEANERS	ICISCLEANERS	0	0	0.2500
MINE SAFETY AND HEALTH ADMINISTRATION MASTER INDEX FILE	MSHA	0	0	0.2500
MINERAL RESOURCE DATA SYSTEM	MRDS	0	0	0.2500
OPEN DUMP INVENTORY	ODI	0	0	0.5000
SURFACE MINING CONTROL AND RECLAMATION ACT SITES	SMCRA	0	0	0.5000
URANIUM MILL TAILINGS RADIATION CONTROL ACT SITES	USUMTRCA	0	0	0.5000
DEPARTMENT OF DEFENSE SITES	DOD	0	0	1.0000
FORMER MILITARY NIKE MISSILE SITES	NMS	0	0	1.0000
FORMERLY USED DEFENSE SITES	FUDS	0	0	1.0000
FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM	FUSRAP	0	0	1.0000
RECORD OF DECISION SYSTEM	RODS	0	0	1.0000
SUB-TOTAL		1	0	

Database Summary

STATE (CA) LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
DTSC DEED RESTRICTIONS	DTSCDR	0	0	TP/AP
ABOVE GROUND STORAGE TANKS	ABST	1	0	0.2500
ABOVEGROUND STORAGE TANKS PRIOR TO JANUARY 2008	AST2007	0	0	0.2500
HISTORICAL UNDERGROUND STORAGE TANKS	HISTUST	0	0	0.2500
STATEWIDE ENVIRONMENTAL EVALUATION AND PLANNING SYSTEM	SWEEPS	0	0	0.2500
UNDERGROUND STORAGE TANKS	USTCUPA	0	0	0.2500
BROWNFIELD SITES	BF	0	0	0.5000
CALSITES DATABASE	CALSITES	0	0	0.5000
GEOTRACKER CLEANUP SITES	CLEANUPSITES	8	0	0.5000
LEAKING UNDERGROUND STORAGE TANKS	LUST	0	0	0.5000
SOLID WASTE INFORMATION SYSTEM SITES	SWIS	0	0	0.5000
VOLUNTARY CLEANUP PROGRAM	VCP	0	0	0.5000
ENVIROSTOR CLEANUP SITES	ENVIROSTOR	0	0	1.0000
ENVIROSTOR PERMITTED AND CORRECTIVE ACTION SITES	ENVIROSTORPCA	0	0	1.0000
SUB-TOTAL		9	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
CALIFORNIA HAZARDOUS MATERIAL INCIDENT REPORT SYSTEM	CHMIRS	0	0	TP/AP
CLANDESTINE DRUG LABS	CDL	0	0	TP/AP
EMISSIONS INVENTORY DATA	EMI	0	0	TP/AP
HAZARDOUS WASTE TANNER SUMMARY	HWTS	0	0	TP/AP
LAND DISPOSAL SITES	LDS	0	0	TP/AP
MILITARY CLEANUP SITES	MCS	0	0	TP/AP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM FACILITIES	NPDES	0	0	TP/AP
RECORDED ENVIRONMENTAL CLEANUP LIENS	LIENS	0	0	TP/AP
CALIFORNIA MEDICAL WASTE MANAGEMENT PROGRAM FACILITY LIST	MWMP	0	0	0.2500
DTSC REGISTERED HAZARDOUS WASTE TRANSPORTERS	DTSCHWT	0	0	0.2500
DRY CLEANER FACILITIES	CLEANER	0	0	0.2500
MINES LISTING	MINES	0	0	0.2500

Database Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
SPILLS, LEAKS, INVESTIGATION & CLEANUP RECOVERY LISTING	SLIC	0	0	0.2500
CORTESE LIST	CORTESE	0	0	0.5000
EXPEDITED REMOVAL ACTION PROGRAM SITES	ERAP	0	0	0.5000
HISTORICAL CORTESE LIST	HISTCORTESE	0	0	0.5000
LISTING OF CERTIFIED DROPOFF, COLLECTION, AND COMMUNITY SERVICE PROGRAMS	DROP	0	0	0.5000
LISTING OF CERTIFIED PROCESSORS	PROC	0	0	0.5000
NO FURTHER ACTION DETERMINATION	NFA	0	0	0.5000
RECYCLING CENTERS	SWRCY	0	0	0.5000
REFERRED TO ANOTHER LOCAL OR STATE AGENCY	REF	0	0	0.5000
SITES NEEDING FURTHER EVALUATION	NFE	0	0	0.5000
WASTE MANAGEMENT UNIT DATABASE	WMUDS	0	0	0.5000
TOXIC PITS CLEANUP ACT SITES	TOXPITS	0	0	1.0000
SUB-TOTAL		0	0	

Database Summary

LOCAL LISTING

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
SANTA BARBARA COUNTY HAZARDOUS WASTE FACILITIES	SBHWF	1	0	TP/AP
SANTA BARBARA COUNTY FIRE DEPARTMENT LEAKING UNDERGROUND FUEL TANKS	SBFDLUFT	0	0	0.5000
SUB TOTAL		1	0	

Database Summary

TRIBAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	USTR09	0	0	0.2500
ILLEGAL DUMP SITES ON THE TORRES MARTINEZ RESERVATION	TORRESDUMPSITES	0	0	0.5000
LEAKING UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	LUSTR09	0	0	0.5000
OPEN DUMP INVENTORY ON TRIBAL LANDS	ODINDIAN	0	0	0.5000
SUB-TOTAL		0	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
INDIAN RESERVATIONS	INDIANRES	0	0	1.0000
SUB-TOTAL		0	0	
TOTAL		11	0	

Database Radius Summary

FEDERAL LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
AIRSAFS	0.0200	0	NS	NS	NS	NS	NS	0
BRS	0.0200	0	NS	NS	NS	NS	NS	0
CDL	0.0200	0	NS	NS	NS	NS	NS	0
DOCKETS	0.0200	0	NS	NS	NS	NS	NS	0
EC	**0.0200**	**0**	**NS**	**NS**	**NS**	**NS**	**NS**	**0**
ECHOR09	0.0200	0	NS	NS	NS	NS	NS	0
ERNSCA	**0.0200**	**0**	**NS**	**NS**	**NS**	**NS**	**NS**	**0**
FRSCA	0.0200	1	NS	NS	NS	NS	NS	1
HMIRSR09	0.0200	0	NS	NS	NS	NS	NS	0
ICIS	0.0200	0	NS	NS	NS	NS	NS	0
ICISNPDES	0.0200	0	NS	NS	NS	NS	NS	0
LUCIS	**0.0200**	**0**	**NS**	**NS**	**NS**	**NS**	**NS**	**0**
MLTS	0.0200	0	NS	NS	NS	NS	NS	0
NPDESR09	0.0200	0	NS	NS	NS	NS	NS	0
PADS	0.0200	0	NS	NS	NS	NS	NS	0
PCSR09	0.0200	0	NS	NS	NS	NS	NS	0
RCRASC	**0.0200**	**0**	**NS**	**NS**	**NS**	**NS**	**NS**	**0**
SEMSLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SFLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SSTS	0.0200	0	NS	NS	NS	NS	NS	0
TRI	0.0200	0	NS	NS	NS	NS	NS	0
TSCA	0.0200	0	NS	NS	NS	NS	NS	0
RCRAGR09	**0.1250**	**0**	**0**	**NS**	**NS**	**NS**	**NS**	**0**
RCRANGR09	**0.1250**	**0**	**0**	**NS**	**NS**	**NS**	**NS**	**0**
ALTFUELS	0.2500	0	0	0	NS	NS	NS	0
FEMAUST	0.2500	0	0	0	NS	NS	NS	0
HISTPST	0.2500	0	0	0	NS	NS	NS	0
ICISCLEANERS	0.2500	0	0	0	NS	NS	NS	0
MRDS	0.2500	0	0	0	NS	NS	NS	0
MSHA	0.2500	0	0	0	NS	NS	NS	0
BF	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
DNPL	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
NLRRCRAT	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
ODI	0.5000	0	0	0	0	NS	NS	0
RCRAT	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**

Database Radius Summary

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
SEMS	0.5000	0	0	0	0	NS	NS	0
SEMSARCH	0.5000	0	0	0	0	NS	NS	0
SMCRA	0.5000	0	0	0	0	NS	NS	0
USUMTRCA	0.5000	0	0	0	0	NS	NS	0
DOD	1.0000	0	0	0	0	0	NS	0
FUDS	1.0000	0	0	0	0	0	NS	0
FUSRAP	1.0000	0	0	0	0	0	NS	0
NLRRCRAC	1.0000	0	0	0	0	0	NS	0
NMS	1.0000	0	0	0	0	0	NS	0
NPL	1.0000	0	0	0	0	0	NS	0
PNPL	1.0000	0	0	0	0	0	NS	0
RCRAC	1.0000	0	0	0	0	0	NS	0
RCRASUBC	1.0000	0	0	0	0	0	NS	0
RODS	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		1	0	0	0	0	0	1

Database Radius Summary

STATE (CA) LISTING

Standard environmental records are displayed in **bold.**

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
CDL	0.0200	0	NS	NS	NS	NS	NS	0
CHMIRS	0.0200	0	NS	NS	NS	NS	NS	0
DTSCDR	**0.0200**	**0**	**NS**	**NS**	**NS**	**NS**	**NS**	**0**
EMI	0.0200	0	NS	NS	NS	NS	NS	0
HWTS	0.0200	0	NS	NS	NS	NS	NS	0
LDS	0.0200	0	NS	NS	NS	NS	NS	0
LIENS	0.0200	0	NS	NS	NS	NS	NS	0
MCS	0.0200	0	NS	NS	NS	NS	NS	0
NPDES	0.0200	0	NS	NS	NS	NS	NS	0
ABST	**0.2500**	**0**	**0**	**1**	**NS**	**NS**	**NS**	**1**
AST2007	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
CLEANER	0.2500	0	0	0	NS	NS	NS	0
DTSCHWT	0.2500	0	0	0	NS	NS	NS	0
HISTUST	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
MINES	0.2500	0	0	0	NS	NS	NS	0
MWMP	0.2500	0	0	0	NS	NS	NS	0
SLIC	0.2500	0	0	0	NS	NS	NS	0
SWEEPS	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
USTCUPA	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
BF	0.5000	0	0	0	0	NS	NS	0
CALSITES	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
CLEANUPSITES	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
CORTESE	0.5000	0	0	0	0	NS	NS	0
DROP	0.5000	0	0	0	0	NS	NS	0
ERAP	0.5000	0	0	0	0	NS	NS	0
HISTCORTESE	0.5000	0	0	0	0	NS	NS	0
LUST	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
NFA	0.5000	0	0	0	0	NS	NS	0
NFE	0.5000	0	0	0	0	NS	NS	0
PROC	0.5000	0	0	0	0	NS	NS	0
REF	0.5000	0	0	0	0	NS	NS	0
SWIS	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
SWRCY	0.5000	0	0	0	0	NS	NS	0
VCP	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
WMUDS	0.5000	0	0	0	0	NS	NS	0

Database Radius Summary

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
ENVIROSTOR	1.0000	0	0	0	0	0	NS	0
ENVIROSTORPCA	1.0000	0	0	0	0	0	NS	0
TOXPITS	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	0	1	8	0	0	9

Database Radius Summary

LOCAL LISTING

Standard environmental records are displayed in bold.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
SBHWF	0.0200	1	NS	NS	NS	NS	NS	1
SBFDLUFT	0.5000	0	0	0	0	NS	NS	0
SUB-TOTAL		1	0	0	0	0	0	1

Database Radius Summary

TRIBAL LISTING

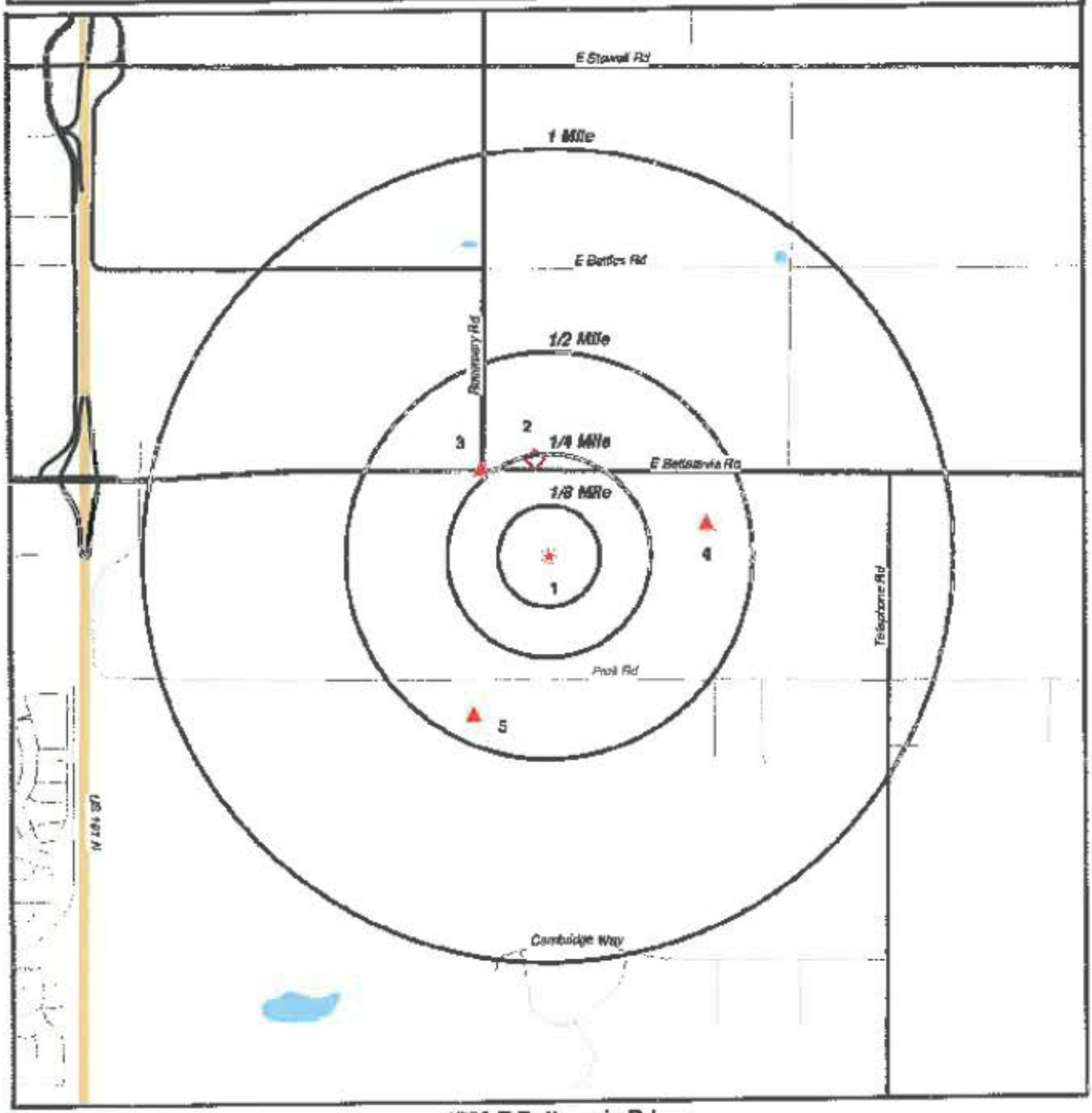
Standard environmental records are displayed in bold.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
USTR09	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
LUSTR09	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
ODINDIAN	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
TORRESDUMPSITES	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
INDIANRES	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	0	0	0	0	0	0

TOTAL		2	0	1	8	0	0	11

NOTES:
NS = NOT SEARCHED
TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

Radius Map 1



Target Property (TP)
ABBT
CLEANUPSITES

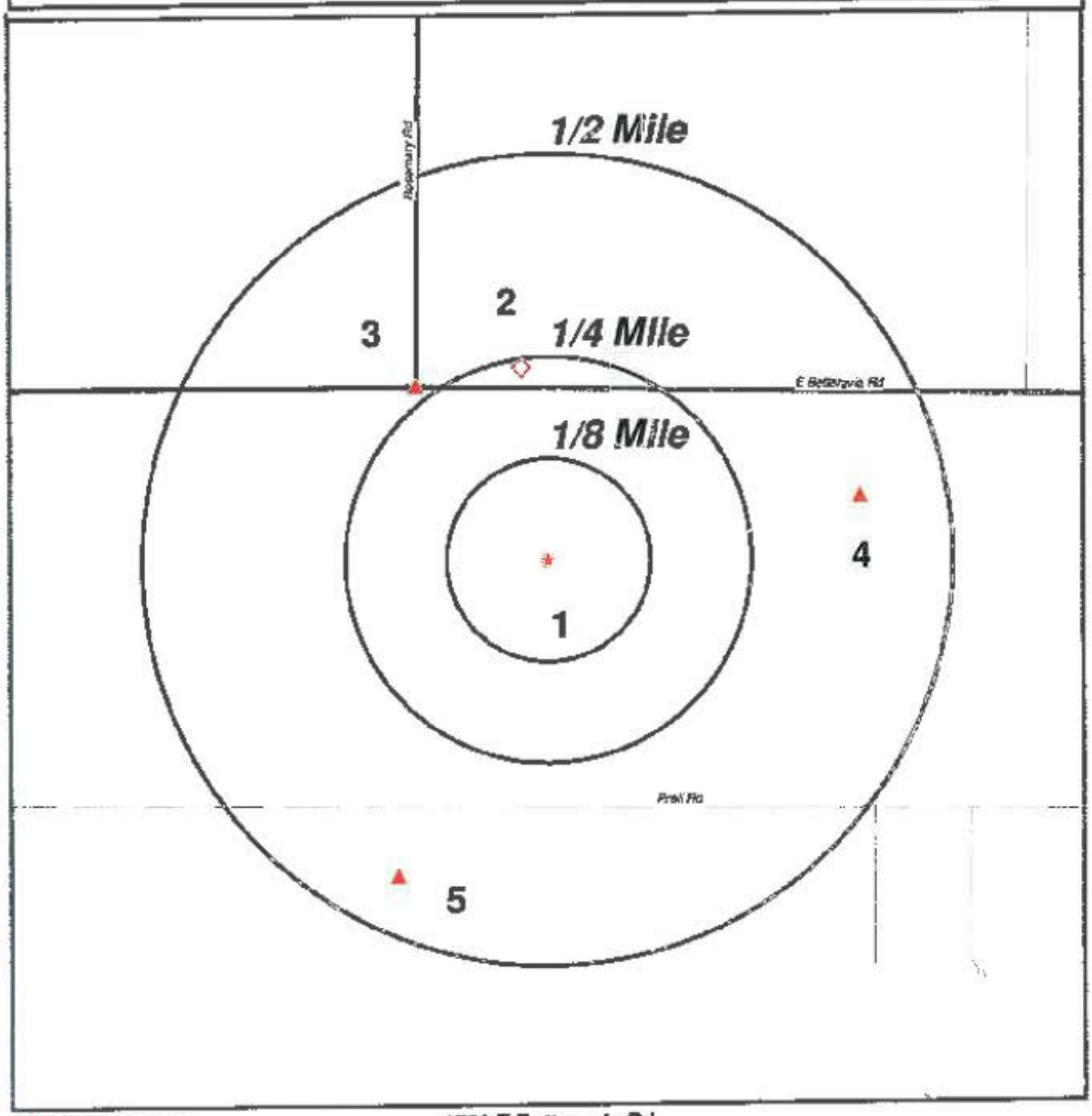
1750 E Betteravia Rd
1750 Betteravia Rd
Santa Maria, California
93454

N
W E
S

0' 1000' 2000' 3000'
SCALE: 1" = 800'

Click here to access Satellite view

Radius Map 2



Target Property (TP)
ABST
CLEANUPSITES

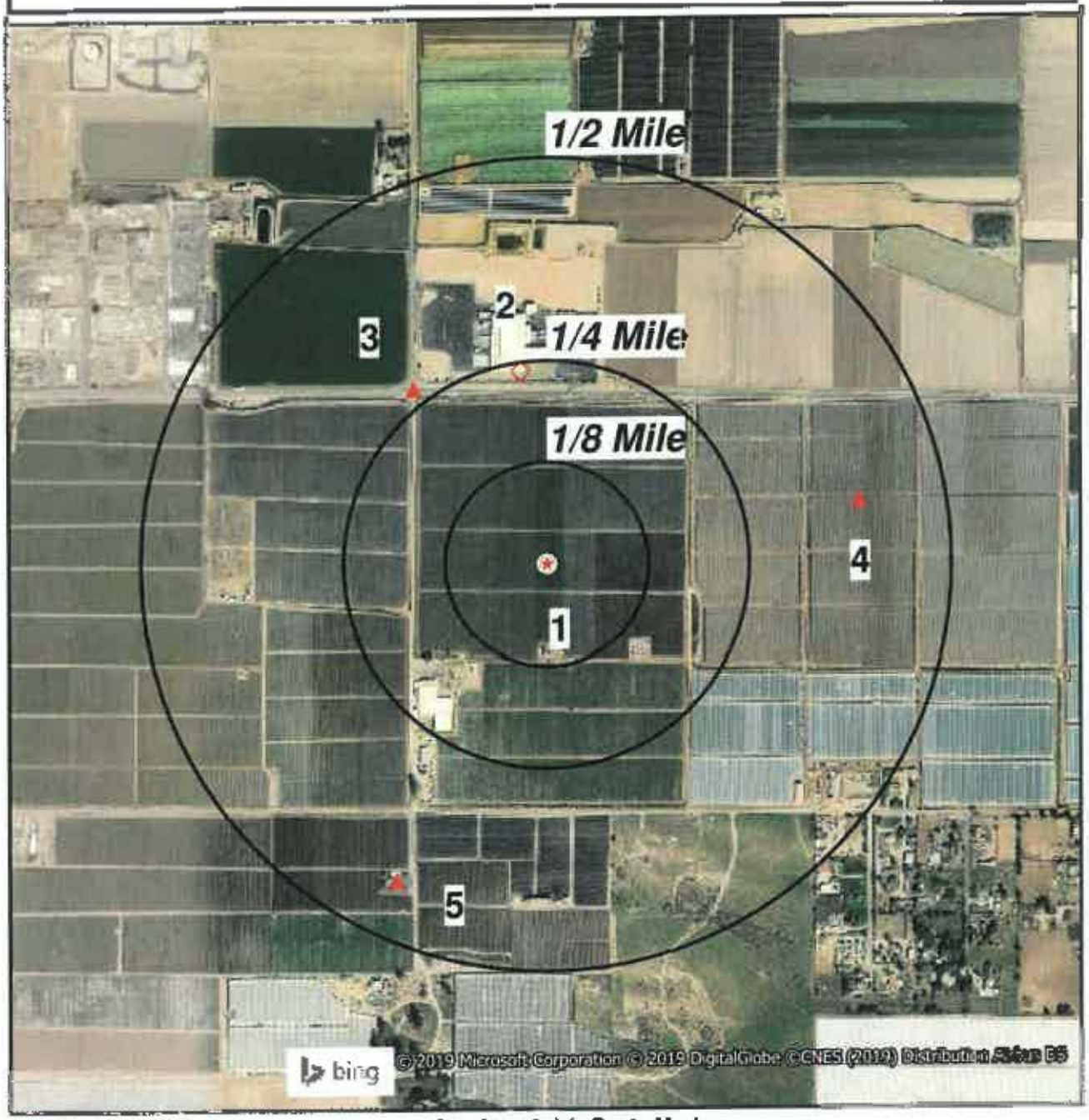
1750 E Betteravia Rd
1750 Betteravia Rd
Santa Maria, California
93454

N
W E
S

0' 500' 1000' 1500'
SCALE: 1" = 1000'

Click here to access Satellite view

Ortho Map



Target Property (TP)
ABST
CLEANUPSITES

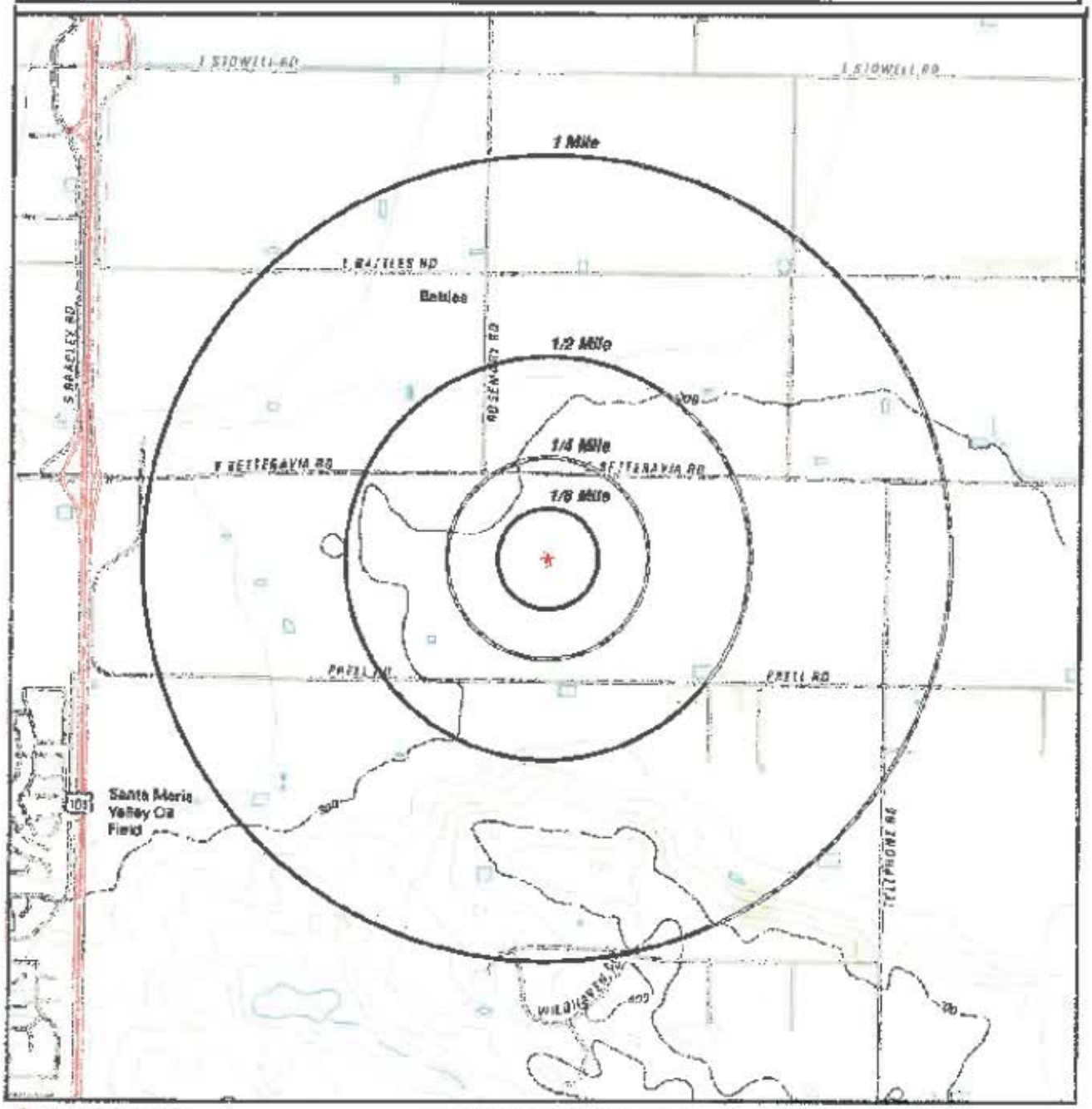
Quadrangle(s): Santa Maria
1750 E Betteravia Rd
1750 Betteravia Rd
Santa Maria, California
93454

N
W E
S

0' 500' 1000' 1500'
SCALE: 1" = 1000'

Click here to access Satellite view

Topographic Map



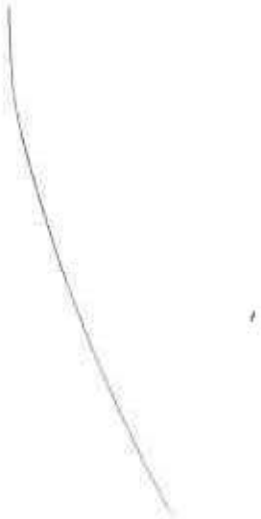
Target Property (TP)

Quadrangle(s): Santa Maria
Source: USGS, 03/01/2012
1750 E Betteravia Rd
1750 Betteravia Rd
Santa Maria, California
93454

N
W E
S

0 1000' 2000' 3000'
SCALE: 1" = 2000'

Click here to access Satellite view



Located Sites Summary

NOTE: Standard environmental records are displayed in bold.

Map ID#	Database Name	Site ID#	Relative Elevation	Distance From Site	Site Name	Address	PAGE #
1	FRSCA	110065013586	Equal (304 ft.)	TP	MID COAST COOLING	1750 E BETTERAVIA RD, SANTA MARIA, CA 93454	20
1	SBHWF	FA0012087	Equal (304 ft.)	TP	MID COAST COOLING	1750 E BETTERAVIA RD, SANTA MARIA, CA 93454	21
2	ABST	389634	Lower (302 ft.)	0.238 mi. N (1257 ft.)	CENTRAL CITY COOLING	1701 E BETTERAVIA RD, SANTA MARIA, CA 93454	22
3	CLEANUPSITES	T10000003831	Lower (298 ft.)	0.268 mi. NW (1415 ft.)	UNOCAL BATTLES LEASE	SANTA MARIA, CA 93458	23
3	CLEANUPSITES	T10000003836	Lower (298 ft.)	0.268 mi. NW (1415 ft.)	UNOCAL SUNRAY BRADLEY	SANTA MARIA, CA 93458	24
3	CLEANUPSITES	T10000003858	Lower (298 ft.)	0.269 mi. NW (1420 ft.)	UNOCAL VINCENT B LEASE WELLHEADS, ASTS, ETC.	ROSEMARY ROAD AND BETTERAVIA ROAD, SANTA MARIA, CA 93459	25
3	CLEANUPSITES	T10000012521	Lower (298 ft.)	0.269 mi. NW (1420 ft.)	UNOCAL SUNRAY BRADLEY	BETTERAVIA RD & ROSEMARY RD, SANTA MARIA, CA 93455	27
4	CLEANUPSITES	T10000001804	Higher (308 ft.)	0.394 mi. E (2080 ft.)	FORMER UNOCAL COOK LEASE	1975 PRELL ROAD, SANTA MARIA, CA 93455	28
5	CLEANUPSITES	T10000003846	Lower (301 ft.)	0.431 mi. SSW (2276 ft.)	UNOCAL SIGNAL HOPKINS LEASE	SANTA MARIA, CA 93458	30
5	CLEANUPSITES	T10000011738	Lower (301 ft.)	0.431 mi. SSW (2276 ft.)	UNOCAL SIGNAL HOPKINS LEASE	1520 PRELL ROAD, SANTA MARIA, CA 93454	31
5	CLEANUPSITES	T10000012322	Lower (301 ft.)	0.431 mi. SSW (2276 ft.)	UNOCAL WYLIE LEASE	1529 PRELL ROAD, SANTA MARIA, CA 93454	33

Elevation Summary

Elevations are collected from the USGS 3D Elevation Program 1/3 arc-second (approximately 10 meters) layer hosted at the NGTOC. .

Target Property Elevation: 304 ft.

NOTE: Standard environmental records are displayed in bold.

EQUAL/HIGHER ELEVATION

Map ID#	Database Name	Elevation	Site Name	Address	Page #
1	FRSCA	304 ft.	MID COAST COOLING	1750 E BETTERAVIA RD, SANTA MARIA, CA 93454	20
1	SBHWF	304 ft.	MID COAST COOLING	1750 E BETTERAVIA RD, SANTA MARIA, CA 93454	21
4	**CLEANUPSITES**	**308 ft.**	**FORMER UNOCAL COOK LEASE**	**1975 PRELL ROAD, SANTA MARIA, CA 93455**	**28**

LOWER ELEVATION

Map ID#	Database Name	Elevation	Site Name	Address	Page #
2	**ABST**	**302 ft.**	**CENTRAL CITY COOLING**	**1701 E BETTERAVIA RD, SANTA MARIA, CA 93454**	**22**
3	**CLEANUPSITES**	**298 ft.**	**UNOCAL BATTLES LEASE**	**SANTA MARIA, CA 93458**	**23**
3	**CLEANUPSITES**	**298 ft.**	**UNOCAL SUNRAY BRADLEY**	**SANTA MARIA, CA 93458**	**24**
3	**CLEANUPSITES**	**298 ft.**	**UNOCAL VINCENT B LEASE WELLHEADS, ASTS, ETC.**	**ROSEMARY ROAD AND BETTERAVIA ROAD, SANTA MARIA, CA 93458**	**26**
3	**CLEANUPSITES**	**298 ft.**	**UNOCAL SUNRAY BRADLEY**	**BETTERAVIA RD & ROSEMARY RD, SANTA MARIA, CA 93455**	**27**
5	**CLEANUPSITES**	**301 ft.**	**UNOCAL SIGNAL HOPKINS LEASE**	**SANTA MARIA, CA 93458**	**30**
5	**CLEANUPSITES**	**301 ft.**	**UNOCAL SIGNAL HOPKINS LEASE**	**1520 PRELL ROAD, SANTA MARIA, CA 93454**	**31**
5	**CLEANUPSITES**	**301 ft.**	**UNOCAL WYLIE LEASE**	**1520 PRELL ROAD, SANTA MARIA, CA 93454**	**33**

Facility Registry System (FRSCA)

MAP ID# 1

Distance from Property: 0 mi. (0 ft.) X
Elevation: 304 ft. (Equal to TP)

FACILITY INFORMATION

REGISTRY ID: **110065013536**

NAME: **MID COAST COOLING**

LOCATION ADDRESS: **1750 E BETTERAVIA RD**
SANTA MARIA, CA 93454

COUNTY: **SANTA BARBARA**

EPA REGION: **09**

FEDERAL FACILITY: **NOT REPORTED**

TRIBAL LAND: **NOT REPORTED**

ALTERNATIVE NAME/S:

MID COAST COOLING

PROGRAM/S LISTED FOR THIS FACILITY

CA-ENVIROVIEW - CA-ENVIROVIEW

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

7623 - REFRIGERATION AND AIR-CONDITIONING SERVICE AND REPAIR SHOPS

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

NO NAICS DATA REPORTED

Back to Report Summary

Santa Barbara County Hazardous Waste Facilities (SBHWF)

MAP ID# 1

Distance from Property: 0 mi. (0 ft.) X
Elevation: 304 ft. (Equal to TP)

FACILITY INFORMATION

FACILITY ID#: FA0012087
NAME: MID COAST COOLING
ADDRESS: 1750 E BETTERAVIA RD
SANTA MARIA, CA 93454
COUNTY: SANTA BARBARA
PHONE: 8053492445

FACILITY DETAILS

LAST BUSINESS PLAN CERTIFICATION DATE: 03/03/11
PROGRAM: 2161 - BUSINESS PLAN 1-3 CHEMICALS $231
STATUS: ACTIVE
CURRENT INSPECTION DATE: 09/02/13
COMMENTS: 3 @ 29,964 FT3

Back to Report Summary

Above Ground Storage Tanks (ABST)

MAP ID# 2

Distance from Property: 0.238 mi. (1,257 ft.) N
Elevation: 302 ft. (Lower than TP)

FACILITY INFORMATION

GEOSEARCH ID: 389634

SITE ID: 389634

FACILITY NAME: CENTRAL CITY COOLING

ADDRESS: 1701 E BETTERAVIA RD
SANTA MARIA, CA 93454

COUNTY: NOT REPORTED

FACILITY DETAILS

EI ID: 10208929

EI DESCRIPTION: ABOVEGROUND PETROLEUM STORAGE

Back to Report Summary

GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 3

Distance from Property: 0.268 mi. (1,415 ft.) NW
Elevation: 298 ft. (Lower than TP)

FACILITY INFORMATION

GLOBAL ID: **T10000003831**
URL LINK: CLICK HERE
BUSINESS NAME: **UNOCAL BATTLES LEASE**
ADDRESS **NOT REPORTED**
SANTA MARIA, CA 93456
COUNTY: **SANTA BARBARA**

FACILITY DETAILS

CASE TYPE: **CLEANUP PROGRAM SITE**
CASE NUMBER: **NOT REPORTED**
STATUS: **OPEN - INACTIVE 05/19/2012**
POTENTIAL CONTAMINATION:
TOTAL PETROLEUM HYDROCARBONS (TPH)
POTENTIAL MEDIA AFFECTED:
NOT REPORTED
DISADVANTAGED COMMUNITY:
NO
SEVERELY DISADVANTAGED COMMUNITY:
NO
SITE HISTORY:
NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	**01/01/50**	**LEAK DISCOVERY**
OTHER	**01/01/50**	**LEAK REPORTED**
OTHER	**01/01/50**	**LEAK STOPPED**

STATUS HISTORY

STATUS:	DATE:
OPEN - INACTIVE	**05/19/12**
OPEN - CASE BEGIN DATE	**01/01/02**

CONTACT DETAILS

ORGANIZATION: **SANTA BARBARA COUNTY LOP**
ADDRESS: **4410 CATHEDRAL OAKS ROAD**
CITY: **SANTA BARBARA**
CONTACT NAME: **KATE SULKA**
CONTACT TYPE: **LOCAL AGENCY CASEWORKER**
CONTACT PHONE: **NOT REPORTED**
EMAIL: **KATE.SULKA@SBCFIRE.COM**

Back to Report Summary

GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 3

Distance from Property: 0.268 mi. (1,415 ft.) NW
Elevation: 298 ft. (Lower than TP)

FACILITY INFORMATION

GLOBAL ID: **T10000003536**
URL LINK: CLICK HERE
BUSINESS NAME: **UNOCAL SUNRAY BRADLEY**
ADDRESS: **NOT REPORTED**
SANTA MARIA, CA 93458
COUNTY: **SANTA BARBARA**

FACILITY DETAILS

CASE TYPE: **CLEANUP PROGRAM SITE**
CASE NUMBER: **NOT REPORTED**
STATUS: **OPEN - INACTIVE 05/19/2012**
POTENTIAL CONTAMINATION:
CRUDE OIL
POTENTIAL MEDIA AFFECTED:
NOT REPORTED
DISADVANTAGED COMMUNITY:
NO
SEVERELY DISADVANTAGED COMMUNITY:
NO
SITE HISTORY:
NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	**01/01/50**	**LEAK DISCOVERY**
OTHER	**01/01/50**	**LEAK REPORTED**
OTHER	**01/01/50**	**LEAK STOPPED**

STATUS HISTORY

STATUS:	DATE:
OPEN - INACTIVE	**05/19/12**
OPEN - CASE BEGIN DATE	**01/01/04**

CONTACT DETAILS

ORGANIZATION: **SANTA BARBARA COUNTY LOP**
ADDRESS: **4410 CATHEDRAL OAKS ROAD**
CITY: **SANTA BARBARA**
CONTACT NAME: **KATE SULKA**
CONTACT TYPE: **LOCAL AGENCY CASEWORKER**
CONTACT PHONE: **NOT REPORTED**
EMAIL: **KATE.SULKA@SBCFIRE.COM**

Back to Report Summary

GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 3

Distance from Property: 0.269 mi. (1,420 ft.) NW
Elevation: 298 ft. (Lower than TP)

FACILITY INFORMATION

GLOBAL ID: T10000003859
URL LINK: CLICK HERE
BUSINESS NAME: UNOCAL VINCENT B LEASE WELLHEADS, ASTS, ETC.
ADDRESS: ROSEMARY ROAD AND BETTERAVIA ROAD
SANTA MARIA, CA 93458
COUNTY: SANTA BARBARA

FACILITY DETAILS

CASE TYPE: CLEANUP PROGRAM SITE
CASE NUMBER: NOT REPORTED
STATUS: OPEN - SITE ASSESSMENT 09/01/2014
POTENTIAL CONTAMINATION:
NOT REPORTED
POTENTIAL MEDIA AFFECTED:
NOT REPORTED
DISADVANTAGED COMMUNITY:
NO
SEVERELY DISADVANTAGED COMMUNITY:
NO
SITE HISTORY:
NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK DISCOVERY
OTHER	01/01/50	LEAK REPORTED
OTHER	01/01/50	LEAK STOPPED
ENFORCEMENT	08/10/2015	SITE VISIT / INSPECTION / SAMPLING
ENFORCEMENT	07/23/2015	SITE VISIT / INSPECTION / SAMPLING
ENFORCEMENT	09/30/2014	STAFF LETTER
RESPONSE	08/11/2014	PRELIMINARY SITE ASSESSMENT WORKPLAN
OTHER	04/15/2008	LEAK REPORTED
ENFORCEMENT	01/01/2008	FILE REVIEW
OTHER	01/01/2008	LEAK DISCOVERY
OTHER	01/01/2008	LEAK STOPPED

STATUS HISTORY

STATUS:	DATE:
OPEN - SITE ASSESSMENT	09/01/2014
OPEN - INACTIVE	05/20/2012
OPEN - CASE BEGIN DATE	01/01/2008

CONTACT DETAILS

ORGANIZATION: SANTA BARBARA COUNTY
ADDRESS: 2125 SOUTH CENTERPOINTE PARKWAY, ROOM 333
CITY: SANTA MARIA

CONTACT NAME: JASON JOHNSTON
CONTACT TYPE: LOCAL AGENCY CASEWORKER
CONTACT PHONE: NOT REPORTED
EMAIL: JASON.JOHNSTON@SBCPHD.ORG
ORGANIZATION: SANTA BARBARA COUNTY
ADDRESS: 2125 SOUTH CENTERPOINTE PARKWAY, ROOM 333
CITY: SANTA MARIA
CONTACT NAME: MARISSA CENSULLO
CONTACT TYPE: LOCAL AGENCY CASEWORKER
CONTACT PHONE: NOT REPORTED
EMAIL: MARISSA.CENSULLO@SBCPHD.ORG

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 3

Distance from Property: 0.269 mi. (1,420 ft.) NW
Elevation: 298 ft. (Lower than TP)

FACILITY INFORMATION

GLOBAL ID: T10000012521
URL LINK: CLICK HERE
BUSINESS NAME: UNOCAL SUNRAY BRADLEY
ADDRESS: BETTERAVIA RD & ROSEMARY RD
SANTA MARIA, CA 93455
COUNTY: SANTA BARBARA

FACILITY DETAILS

CASE TYPE: CLEANUP PROGRAM SITE
CASE NUMBER: NOT REPORTED
STATUS: OPEN - ACTIVE 07/08/2004
POTENTIAL CONTAMINATION:
NOT REPORTED
POTENTIAL MEDIA AFFECTED:
NOT REPORTED
DISADVANTAGED COMMUNITY:
NO
SEVERELY DISADVANTAGED COMMUNITY:
NO
SITE HISTORY:
NOT REPORTED

STATUS HISTORY

STATUS:	DATE:
OPEN - ACTIVE	07/08/2004
OPEN - CASE BEGIN DATE	07/08/2004

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 4

Distance from Property: 0.394 mi. (2,080 ft.) E
Elevation: 308 ft. (Higher than TP)

FACILITY INFORMATION

GLOBAL ID: T10000001804
URL LINK: CLICK HERE
BUSINESS NAME: FORMER UNOCAL COOK LEASE
ADDRESS: 1975 PRELL ROAD
SANTA MARIA, CA 93455
COUNTY: SANTA BARBARA

FACILITY DETAILS

CASE TYPE: CLEANUP PROGRAM SITE
CASE NUMBER: NOT REPORTED
STATUS: COMPLETED - CASE CLOSED 04/26/2010
POTENTIAL CONTAMINATION:
NOT REPORTED
POTENTIAL MEDIA AFFECTED:
NOT REPORTED
DISADVANTAGED COMMUNITY:
NO
SEVERELY DISADVANTAGED COMMUNITY:
NO
SITE HISTORY:
NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
ENFORCEMENT	04/26/2010	CLOSURE/NO FURTHER ACTION LETTER
ENFORCEMENT	04/26/2010	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	02/02/2010	CLOSURE/NO FURTHER ACTION LETTER
RESPONSE	12/01/2009	SOIL AND WATER INVESTIGATION REPORT - REGULATOR RESPONDED
RESPONSE	06/04/2009	CORRESPONDENCE
ENFORCEMENT	04/10/2008	STAFF LETTER
RESPONSE	03/25/2008	CORRESPONDENCE
RESPONSE	03/07/2008	SITE INVESTIGATION WORKPLAN
RESPONSE	12/26/2007	TECHNICAL MEMOS
RESPONSE	12/19/2007	OTHER REPORT / DOCUMENT
RESPONSE	12/09/2007	TECHNICAL MEMOS
RESPONSE	09/10/2004	OTHER REPORT / DOCUMENT
RESPONSE	04/08/2004	REMOVAL ACTION WORK PLAN

STATUS HISTORY

STATUS:	DATE:
COMPLETED - CASE CLOSED	04/26/2010
OPEN - VERIFICATION MONITORING	02/03/2010
OPEN - CASE BEGIN DATE	12/26/2007

CONTACT DETAILS

GeoTracker Cleanup Sites (CLEANUPSITES)

ORGANIZATION: **SANTA BARBARA COUNTY**
ADDRESS: **1430 MISSION DRIVE**
CITY: **SOLVANG**
CONTACT NAME: **MATTHEW CHIRCOP**
CONTACT TYPE: **LOCAL AGENCY CASEWORKER**
CONTACT PHONE: **NOT REPORTED**
EMAIL: **MATTHEW.CHIRCOP@SBCFIRE.COM**

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 5

Distance from Property: 0.431 mi. (2,276 ft.) SSW
Elevation: 301 ft. (Lower than TP)

FACILITY INFORMATION

GLOBAL ID: **T10000003846**
URL LINK: CLICK HERE
BUSINESS NAME: **UNOCAL SIGNAL HOPKINS LEASE**
ADDRESS: **NOT REPORTED**
SANTA MARIA, CA 93458
COUNTY: **SANTA BARBARA**

FACILITY DETAILS

CASE TYPE: **CLEANUP PROGRAM SITE**
CASE NUMBER: **NOT REPORTED**
STATUS: **OPEN - INACTIVE 05/19/2012**
POTENTIAL CONTAMINATION:
CRUDE OIL
POTENTIAL MEDIA AFFECTED:
NOT REPORTED
DISADVANTAGED COMMUNITY:
NO
SEVERELY DISADVANTAGED COMMUNITY:
NO
SITE HISTORY:
NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK DISCOVERY
OTHER	01/01/50	LEAK REPORTED
OTHER	01/01/50	LEAK STOPPED

STATUS HISTORY

STATUS:	DATE:
OPEN - INACTIVE	05/19/12
OPEN - CASE BEGIN DATE	01/01/04

CONTACT DETAILS

ORGANIZATION: **SANTA BARBARA COUNTY LOP**
ADDRESS: **4410 CATHEDRAL OAKS ROAD**
CITY: **SANTA BARBARA**
CONTACT NAME: **KATE SULKA**
CONTACT TYPE: **LOCAL AGENCY CASEWORKER**
CONTACT PHONE: **NOT REPORTED**
EMAIL: **KATE.SULKA@SBCFIRE.COM**

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 5

Distance from Property: 0.431 mi. (2,276 ft.) SSW
Elevation: 301 ft. (Lower than TP)

FACILITY INFORMATION

GLOBAL ID: **T10000011738**
URL LINK: CLICK HERE
BUSINESS NAME: **UNOCAL SIGNAL HOPKINS LEASE**
ADDRESS: **1520 PRELL ROAD**
SANTA MARIA, CA 93454
COUNTY: **SANTA BARBARA**

FACILITY DETAILS

CASE TYPE: **CLEANUP PROGRAM SITE**
CASE NUMBER: **NOT REPORTED**
STATUS: **OPEN - ACTIVE 06/15/2018**
POTENTIAL CONTAMINATION:
NOT REPORTED
POTENTIAL MEDIA AFFECTED:
NOT REPORTED
DISADVANTAGED COMMUNITY:
NO
SEVERELY DISADVANTAGED COMMUNITY:
NO
SITE HISTORY:
NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
ENFORCEMENT	08/03/2010	COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT
RESPONSE	04/01/2009	OTHER REPORT / DOCUMENT
ENFORCEMENT	03/13/2009	CLOSURE/NO FURTHER ACTION LETTER
RESPONSE	03/13/2009	OTHER REPORT / DOCUMENT
RESPONSE	03/13/2009	REQUEST FOR CLOSURE
ENFORCEMENT	03/06/2009	CLOSURE/NO FURTHER ACTION LETTER
RESPONSE	07/01/2008	OTHER REPORT / DOCUMENT
RESPONSE	04/08/2008	SITE ASSESSMENT REPORT
RESPONSE	03/17/2008	OTHER WORKPLAN
RESPONSE	01/09/2008	OTHER WORKPLAN
RESPONSE	01/01/2008	CORRECTIVE ACTION PLAN / REMEDIAL ACTION PLAN - ADDENDUM
RESPONSE	10/11/2007	OTHER REPORT / DOCUMENT
RESPONSE	06/01/2007	SITE ASSESSMENT REPORT

STATUS HISTORY

STATUS:	DATE:
OPEN - ACTIVE	06/15/2018
OPEN - CASE BEGIN DATE	06/01/2007

CONTACT DETAILS

ORGANIZATION: **SANTA BARBARA COUNTY**
ADDRESS: **2126 SOUTH CENTERPOINTE PARKWAY, ROOM 333**

CITY: SANTA MARIA
CONTACT NAME: PAUL MCCAW
CONTACT TYPE: LOCAL AGENCY CASEWORKER
CONTACT PHONE: NOT REPORTED
EMAIL: PAUL.MCCAW@SBCPHD.ORG
ORGANIZATION: SANTA BARBARA COUNTY LOP
ADDRESS: 2125 SOUTH CENTERPOINTE PARKWAY, ROOM 333
CITY: SANTA MARIA
CONTACT NAME: PAUL MCCAW
CONTACT TYPE: LOCAL AGENCY CASEWORKER
CONTACT PHONE: 8053468350
EMAIL: PAUL.MCCAW@SBCPHD.ORG

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GeoTracker Cleanup Sites (CLEANUPSITES)

MAP ID# 5

Distance from Property: 0.431 mi. (2,276 ft.) SSW
Elevation: 301 ft. (Lower than TP)

FACILITY INFORMATION

GLOBAL ID: T10000012322
URL LINK: CLICK HERE
BUSINESS NAME: UNOCAL WYLIE LEASE
ADDRESS: 1520 PRELL ROAD
SANTA MARIA, CA 93454
COUNTY: SANTA BARBARA

FACILITY DETAILS

CASE TYPE: CLEANUP PROGRAM SITE
CASE NUMBER: NOT REPORTED
STATUS: COMPLETED - CASE CLOSED 09/21/2009
POTENTIAL CONTAMINATION:
NOT REPORTED
POTENTIAL MEDIA AFFECTED:
NOT REPORTED
DISADVANTAGED COMMUNITY:
NO
SEVERELY DISADVANTAGED COMMUNITY:
NO
SITE HISTORY:
NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
ENFORCEMENT	11/15/2018	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	10/28/2009	OTHER REPORT / DOCUMENT
RESPONSE	04/06/2009	OTHER REPORT / DOCUMENT
ENFORCEMENT	03/06/2009	CLOSURE/NO FURTHER ACTION LETTER
RESPONSE	03/03/2009	OTHER REPORT / DOCUMENT
ENFORCEMENT	02/09/2009	CLOSURE/NO FURTHER ACTION LETTER
RESPONSE	02/09/2009	FINAL REMEDIAL ACTION REPORT / CORRECTIVE ACTION REPORT
RESPONSE	02/09/2009	OTHER REPORT / DOCUMENT
RESPONSE	01/02/2009	OTHER REPORT / DOCUMENT
RESPONSE	07/21/2008	CORRESPONDENCE
RESPONSE	07/02/2008	CORRESPONDENCE
RESPONSE	07/01/2008	OTHER REPORT / DOCUMENT
RESPONSE	04/18/2008	OTHER REPORT / DOCUMENT
RESPONSE	04/10/2008	OTHER REPORT / DOCUMENT
RESPONSE	03/13/2008	CORRESPONDENCE
RESPONSE	11/14/2007	CORRESPONDENCE
RESPONSE	10/29/2007	CORRECTIVE ACTION PLAN / REMEDIAL ACTION PLAN - ADDENDUM
RESPONSE	09/27/2007	OTHER REPORT / DOCUMENT
RESPONSE	08/14/2007	OTHER REPORT / DOCUMENT
RESPONSE	07/31/2007	SITE ASSESSMENT REPORT
RESPONSE	06/30/2007	SITE ASSESSMENT REPORT

TYPE OF ACTION:	DATE:	ACTION:
RESPONSE	01/08/2007	OTHER WORKPLAN
RESPONSE	01/06/2004	OTHER REPORT / DOCUMENT
RESPONSE	07/05/2000	CORRESPONDENCE
RESPONSE	11/25/1997	SITE ASSESSMENT REPORT

STATUS HISTORY

STATUS:	DATE:
COMPLETED - CASE CLOSED	09/21/2009
OPEN - ACTIVE	02/05/2004
OPEN - CASE BEGIN DATE	01/08/2004

CONTACT DETAILS

ORGANIZATION: SANTA BARBARA COUNTY
ADDRESS: 2125 S. CENTERPOINTE PARKWAY, SUITE 333
CITY: SANTA MARIA
CONTACT NAME: TOM REJZEK
CONTACT TYPE: LOCAL AGENCY CASEWORKER
CONTACT PHONE: 8053468216
EMAIL: TOM.REJZEK@SBCPHD.ORG

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Unlocated Sites Summary

This list contains sites that could not be mapped due to limited or incomplete address information.

No Records Found

AIRSAFS Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 10/20/14

The United States Environmental Protection Agency (EPA) modified the Aerometric Information Retrieval System (AIRS) to a database that exclusively tracks the compliance of stationary sources of air pollution with EPA regulations: the Air Facility Subsystem (AFS). Since this change in 2001, the management of the AIRS/AFS database was assigned to EPA's Office of Enforcement and Compliance Assurance.

BRS Biennial Reporting System

VERSION DATE: 12/31/15

The United States Environmental Protection Agency (EPA), in cooperation with the States, biennially collects information regarding the generation, management, and final disposition of hazardous wastes regulated under the Resource Conservation and Recovery Act of 1976 (RCRA), as amended. The Biennial Report captures detailed data on the generation of hazardous waste from large quantity generators and data on waste management practices from treatment, storage and disposal facilities. Currently, the EPA states that data collected between 1991 and 1997 was originally a part of the defunct Biennial Reporting System and is now incorporated into the RCRAInfo data system.

CDL Clandestine Drug Laboratory Locations

VERSION DATE: 10/05/17

The U.S. Department of Justice ("the Department") provides this information as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments. The Department does not establish, implement, enforce, or certify compliance with clean-up or remediation standards for contaminated sites; the public should contact a state or local health department or environmental protection agency for that information.

DOCKETS EPA Docket Data

VERSION DATE: 12/22/06

The United States Environmental Protection Agency Docket data lists Civil Case Defendants, filing dates as far back as 1971, laws broken including section, violations that occurred, pollutants involved, penalties assessed and superfund awards by facility and location. Please refer to ICIS database as source of current data.

EC Federal Engineering Institutional Control Sites

VERSION DATE: 08/03/15

This database includes site locations where Engineering and/or Institutional Controls have been identified as part

of a selected remedy for the site as defined by United States Environmental Protection Agency official remedy decision documents. A site listing does not indicate that the institutional and engineering controls are currently in place nor will be in place once the remedy is complete; it only indicates that the decision to include either of them in the remedy is documented as of the completed date of the document. Institutional controls are actions, such as legal controls, that help minimize the potential for human exposure to contamination by ensuring appropriate land or resource use. Engineering controls include caps, barriers, or other device engineering to prevent access, exposure, or continued migration of contamination.

ECHOR09 Enforcement and Compliance History Information

VERSION DATE: 09/01/18

The EPA's Enforcement and Compliance History Online (ECHO) database, provides compliance and enforcement information for facilities nationwide. This database includes facilities regulated as Clean Air Act stationary sources, Clean Water Act direct dischargers, Resource Conservation and Recovery Act hazardous waste handlers, Safe Drinking Water Act public water systems along with other data, such as Toxics Release Inventory releases.

ERNSCA Emergency Response Notification System

VERSION DATE: 10/28/18

This National Response Center database contains data on reported releases of oil, chemical, radiological, biological, and/or etiological discharges into the environment anywhere in the United States and its territories. The data comes from spill reports made to the U.S. Environmental Protection Agency, U.S. Coast Guard, the National Response Center and/or the U.S. Department of Transportation.

FRSCA Facility Registry System

VERSION DATE: 10/09/18

The United States Environmental Protection Agency's Office of Environmental Information (OEI) developed the Facility Registry System (FRS) as the centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. The Facility Registry System replaced the Facility Index System or FINDS database.

HMIRSR09 Hazardous Materials Incident Reporting System

VERSION DATE: 09/30/18

The HMIRS database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

ICIS Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 09/01/18

Environmental Records Definitions - FEDERAL

ICIS is a case activity tracking and management system for civil, judicial, and administrative federal Environmental Protection Agency enforcement cases. ICIS contains information on federal administrative and federal judicial cases under the following environmental statutes: the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, the Emergency Planning and Community Right-to-Know Act - Section 313, the Toxic Substances Control Act, the Federal Insecticide, Fungicide, and Rodenticide Act, the Comprehensive Environmental Response, Compensation, and Liability Act, the Safe Drinking Water Act, and the Marine Protection, Research, and Sanctuaries Act.

ICISNPDES Integrated Compliance Information System National Pollutant Discharge Elimination System

VERSION DATE: 07/09/17

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. This database is provided by the U.S. Environmental Protection Agency.

LUCIS Land Use Control Information System

VERSION DATE: 09/01/06

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

MLTS Material Licensing Tracking System

VERSION DATE: 06/29/17

MLTS is a list of approximately 8,100 sites which have or use radioactive materials subject to the United States Nuclear Regulatory Commission (NRC) licensing requirements. Disclaimer: Due to agency regulations and policies, this database contains applicant/licensee location information which may or may not be related to the physical location per MLTS site.

NPDESR09 National Pollutant Discharge Elimination System

VERSION DATE: 04/01/07

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. The NPDES database was collected from the U.S. Environmental Protection Agency (EPA) from December 2002 through April 2007. Refer to the PCS and/or ICIS-NPDES database as source of current data. This database includes permitted facilities located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

PADS PCB Activity Database System

VERSION DATE: 09/14/18

PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the U.S. Environmental Protection Agency of such activities.

PCSR09 Permit Compliance System

VERSION DATE: 08/01/12

The Permit Compliance System is used in tracking enforcement status and permit compliance of facilities controlled by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act and is maintained by the United States Environmental Protection Agency's Office of Compliance. PCS is designed to support the NPDES program at the state, regional, and national levels. This database includes permitted facilities located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa. PCS has been modernized, and no longer exists. National Pollutant Discharge Elimination System (ICIS-NPDES) data can now be found in Integrated Compliance Information System (ICIS).

RCRASC RCRA Sites with Controls

VERSION DATE: 11/21/18

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with institutional controls in place.

SEMSLIENS SEMS Lien on Property

VERSION DATE: 08/13/18

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs. This is a listing of SEMS sites with a lien on the property.

SFLIENS CERCLIS Liens

VERSION DATE: 06/08/12

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which United States Environmental Protection Agency has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of

these sites and properties. This database contains those CERCLIS sites where the Lien on Property action is complete. Please refer to the SEMSLIENS database as source of current data.

SSTS Section Seven Tracking System

VERSION DATE: 02/01/17

The United States Environmental Protection Agency tracks information on pesticide establishments through the Section Seven Tracking System (SSTS). SSTS records the registration of new establishments and records pesticide production at each establishment. The Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) requires that production of pesticides or devices be conducted in a registered pesticide-producing or device-producing establishment. ("Production" includes formulation, packaging, repackaging, and relabeling.)

TRI Toxics Release Inventory

VERSION DATE: 12/31/16

The Toxics Release Inventory, provided by the United States Environmental Protection Agency, includes data on toxic chemical releases and waste management activities from certain industries as well as federal and tribal facilities. This inventory contains information about the types and amounts of toxic chemicals that are released each year to the air, water, and land as well as information on the quantities of toxic chemicals sent to other facilities for further waste management.

TSCA Toxic Substance Control Act Inventory

VERSION DATE: 12/31/12

The Toxic Substances Control Act (TSCA) was enacted in 1976 to ensure that chemicals manufactured, imported, processed, or distributed in commerce, or used or disposed of in the United States do not pose any unreasonable risks to human health or the environment. TSCA section 8(b) provides the United States Environmental Protection Agency authority to "compile, keep current, and publish a list of each chemical substance that is manufactured or processed in the United States." This TSCA Chemical Substance Inventory contains non-confidential information on the production amount of toxic chemicals from each manufacturer and importer site.

RCRAGR00 Resource Conservation & Recovery Act - Generator

VERSION DATE: 12/17/18

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities currently generating hazardous waste. EPA Region 9 includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

Environmental Records Definitions - FEDERAL

RCRANGR09 Resource Conservation & Recovery Act - Non-Generator

VERSION DATE: 12/17/18

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities classified as non-gererators. Non-Generators do not presently generate hazardous waste. EPA Region 9 includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

ALTFUELS Alternative Fueling Stations

VERSION DATE: 09/01/18

Nationwide list of alternative fueling stations made available by the U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Bio-diesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE).

FEMAUST FEMA Owned Storage Tanks

VERSION DATE: 12/01/16

This is a listing of FEMA owned underground and aboveground storage tank sites. For security reasons, address information is not released to the public according to the U.S. Department of Homeland Security.

HISTPST Historical Gas Stations

VERSION DATE: NR

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

ICISCLEANERS Integrated Compliance Information System Drycleaners

VERSION DATE: 09/01/18

This is a listing of drycleaner facilities from the Integrated Compliance Information System (ICIS). The U.S. Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

MRDS Mineral Resource Data System

VERSION DATE: 03/15/16

MRDS (Mineral Resource Data System) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS.

MSHA Mine Safety and Health Administration Master Index File

VERSION DATE: 08/31/18

The Mine dataset lists all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970. It includes such information as the current status of each mine (Active, Abandoned, NonProducing, etc.), the current owner and operating company, commodity codes and physical attributes of the mine. Mine ID is the unique key for this data. This information is provided by the United States Department of Labor - Mine Safety and Health Administration (MSHA).

BF Brownfields Management System

VERSION DATE: 12/21/18

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. The United States Environmental Protection Agency maintains this database to track activities in the various brown field grant programs including grantee assessment, site cleanup and site redevelopment. This database included tribal brownfield sites.

DNPL Delisted National Priorities List

VERSION DATE: 02/06/19

This database includes sites from the United States Environmental Protection Agency's Final National Priorities List (NPL) where remedies have proven to be satisfactory or sites where the original analyses were inaccurate, and the site is no longer appropriate for inclusion on the NPL, and final publication in the Federal Register has occurred.

NLRRCRAT No Longer Regulated RCRA Non-CORRACTS TSD Facilities

VERSION DATE: 12/17/18

This database includes RCRA Non-Corrective Action TSD facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements. This listing includes facilities that formerly treated, stored or disposed of hazardous waste.

ODI Open Dump Inventory

VERSION DATE: 06/01/85

The open dump inventory was published by the United States Environmental Protection Agency. An "open dump" is defined as a facility or site where solid waste is disposed of which is not a sanitary landfill which meets the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944) and which is not a facility for disposal of hazardous waste. This inventory has not been updated since June 1985.

RCRAT Resource Conservation & Recovery Act - Non-CORRACTS Treatment, Storage & Disposal Facilities

VERSION DATE: 12/17/18

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities recognized as hazardous waste treatment, storage, and disposal sites (TSD).

SEMS Superfund Enterprise Management System

VERSION DATE: 12/12/18

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs.

SEMSARCH Superfund Enterprise Management System Archived Site Inventory

VERSION DATE: 12/13/18

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System Archived Site Inventory (List 8R Archived) replaced the CERCLIS NFRAP reporting system in 2015. This listing reflects sites at which the EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program.

SMCRA Surface Mining Control and Reclamation Act Sites

VERSION DATE: 09/14/18

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type,

and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

USUMTRCA	Uranium Mill Tailings Radiation Control Act Sites
VERSION DATE: 03/04/17	

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

DOD	Department of Defense Sites
VERSION DATE: 12/01/14	

This information originates from the National Atlas of the United States Federal Lands data, which includes lands owned or administered by the Federal government. Army DOD, Army Corps of Engineers DOD, Air Force DOD, Navy DOD and Marine DOD areas of 640 acres or more are included.

FUDS	Formerly Used Defense Sites
VERSION DATE: 06/01/15	

The Formerly Used Defense Sites (FUDS) inventory includes properties previously owned by or leased to the United States and under Secretary of Defense Jurisdiction, as well as Munitions Response Areas (MRAs). The remediation of these properties is the responsibility of the Department of Defense. This data is provided by the U.S. Army Corps of Engineers (USACE), the boundaries/polygon data are based on preliminary findings and not all properties currently have polygon data available. DISCLAIMER: This data represents the results of data collection/processing for a specific USACE activity and is in no way to be considered comprehensive or to be used in any legal or official capacity as presented on this site. While the USACE has made a reasonable effort to insure the accuracy of the maps and associated data, it should be explicitly noted that USACE makes no warranty, representation or guaranty, either expressed or implied, as to the content, sequence, accuracy, timeliness or completeness of any of the data provided herein. For additional information on Formerly Used Defense Sites please contact the USACE Public Affairs Office at (202) 528-4285.

FUSRAP	Formerly Utilized Sites Remedial Action Program
VERSION DATE: 03/04/17	

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

NLRRCRAC No Longer Regulated RCRA Corrective Action Facilities

VERSION DATE: 12/17/18

This database includes RCRA Corrective Action facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements.

NMS Former Military Nike Missile Sites

VERSION DATE: 12/01/84

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material s disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

NPL National Priorities List

VERSION DATE: 02/06/19

This database includes United States Environmental Protection Agency (EPA) National Priorities List sites that fall under the EPA's Superfund program, established to fund the cleanup of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action.

PNPL Proposed National Priorities List

VERSION DATE: 02/06/19

This database contains sites proposed to be included on the National Priorities List (NPL) in the Federal Register. The United States Environmental Protection Agency investigates these sites to determine if they may present long-term threats to public health or the environment.

RCRAC Resource Conservation & Recovery Act Corrective Action Facilities

VERSION DATE: 12/17/18

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems

that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with corrective action activity.

RCRASUBC	Resource Conservation & Recovery Act - Subject to Corrective Action Facilities
VERSION DATE: 12/17/18	

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities subject to corrective actions.

RODS	Record of Decision System
VERSION DATE: 08/13/18	

These decision documents maintained by the United States Environmental Protection Agency describe the chosen remedy for NPL (Superfund) site remediation. They also include site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, and scope and role of response action.

Environmental Records Definitions - STATE (CA)

CDL Clandestine Drug Labs

VERSION DATE: 12/31/17

The California Department of Toxic Substance Control (DTSC) provides this listing of illegal drug laboratories. Pursuant to Section 25354.5 of the California Health and Safety Code, DTSC conducts emergency removal actions at clandestine drug labs at the request of State and local law enforcement agencies. DTSC's contractors typically remove hazardous substances that may pose an immediate threat to public health and the environment while the enforcement officials are on scene. During the emergency remova actions, contractors remove and properly dispose of contaminated lab equipment, chemicals used to make the illegal drugs (usually methamphetamine), lab chemical wastes, and other grossly contaminated materials. DTSC does not perform additional assessment work beyond standard emergency removal actions and makes no further determination regarding the need for future cleanup work at the emergency removal location. The reported location information may or may not include the actual location of the illegal drug lab. The DTSC does not guarantee the accuracy of the address or location information or the condition of the location listed.

CHMIRS California Hazardous Meterial Incident Report System

VERSION DATE: 10/24/18

The California Hazardous Meterial Incident Report System database is provided by the California Emergency Management Agency. This list contains all spills called in to the Cal OES Warning Center for a specific year since 1993.

DTSCDR DTSC Deed Restrictions

VERSION DATE: 01/06/19

The California Department of Toxic Substances Control (DTSC) maintains this listing of sites with deed restrictions. According to the DTSC, restricted land use indicates whether the site or area within the site has an environmental restriction recorded and/or other institutional control preventing certain types of land use or activities. The land use restrictions listed under the site management requirements are only an abbreviated summary of the land use restrictions, and may not encompass all restrictions and notification requirements placed on a property. For complete land use restriction information please contact the DTSC to review associated Land Use Restriction documents.

EMI Emissions Inventory Data

VERSION DATE: 12/31/16

This list is from California Environmental Agency Air Resources Board's Facility Search Engine. In includes criteria pollutant data and toxic data. Gas stations, print shops, autobody shops, and dry cleaners are not included.

HWTS Hazardous Waste Tanner Summary

VERSION DATE: 12/31/17

Environmental Records Definitions - STATE (CA)

This list includes data extracted from the copies of hazardous waste manifests received each year by the Department of Toxic Substances Control.

LDS Land Disposal Sites

VERSION DATE: 10/09/18

This list of Land Disposal sites (Landfills) is a subset of the GeoTracker Cleanup Sites database.

LIENS Recorded Environmental Cleanup Liens

VERSION DATE: 05/17/18

The California Department of Toxic Substance Control (DTSC) maintains this listing of liens placed upon real properties. A lien is utilized by the DTSC to obtain reimbursement from responsible parties for costs associated with the remediation of contaminated properties.

MCS Military Cleanup Sites

VERSION DATE: 07/09/18

This list of Military sites is a subset of the GeoTracker Cleanup Sites database. This list includes : Military UST sites; Military Privatized sites; and Military Cleanup sites (formerly known as DoD non UST).

NPDES National Pollutant Discharge Elimination System Facilities

VERSION DATE: 09/04/18

This list of National Pollutant Discharge Elimination System Facilities permits includes storm water general permit enrollees that are active or have been active within the past three years. It is provided by the California Water Boards State Water Resources Control Board.

ABST Above Ground Storage Tanks

VERSION DATE: 12/11/18

This database, provided by the California Environmental Protection Agency's (CalEPA) Regulated Site Portal, contains aboveground petroleum storage tank facilities originating from the California Environmental Reporting System (CERS). These facilities store petroleum in aboveground storage tanks with oversight by local agencies. As of January 1, 2008, Assembly Bill No. 1130 of the Aboveground Petroleum Storage Act (APSA) authorized the Certified Unified Program Agencies to implement and administer the requirements of the APSA. CalEPA Data Disclaimer: Information displayed in the portal is collected from separate agency databases and displayed unaltered. Information that is considered confidential, trade secret, or is otherwise protected by the agency that manages the database is not loaded into the portal. For more detail about information displayed in the portal, please visit the data source sites. Please refer to AST2007 database for aboveground storage tank information obtained from the California State Water Resources Control Board prior to 2008 APSA requirements.

AST2007 Aboveground Storage Tanks Prior to January 2008

VERSION DATE: 12/01/07

This database contains aboveground storage tank facilities registered with the California State Water Resources Control Board (SWRCB) between 2007 and 2003. Since 2006, tanks were required to contain a minimum (even as cumulative) of 1320 gallons to be in the program. As of January 1, 2008, the SWRCB no longer maintains a list of registered aboveground storage tanks, due to effective Assembly Bill No. 1130 (Laird) of the Aboveground Petroleum Storage Act (APSA). This Bill authorized the Certified Unified Program Agencies to implement and administer the requirements of the APSA. Please refer to ABST database as a current source for aboveground petroleum storage tank data.

CLEANER Dry Cleaner Facilities

VERSION DATE: 06/20/18

This database, created by accessing the California Department of Toxic Substances Control's (DTSC) Hazardous Waste Tracking System, includes dry cleaner facilities that have registered EPA identification numbers. These facilities are categorized by SIC codes (7211, 7212, 7213, 7215, 7216, 7217, 7218, 7219). This database may also include facilities other than dry cleaners who also register with these same NAICS Codes. Not all companies report their NAICS/SIC Codes to the DTSC and therefore this database may exclude registered dry cleaner facilities with incomplete classification information.

DTSCHWT DTSC Registered Hazardous Waste Transporters

VERSION DATE: 10/14/18

The Department of Toxic Substances Control provides this list of Registered Hazardous Waste Transporters.

HISTUST Historical Underground Storage Tanks

VERSION DATE: 12/31/87

The Hazardous Substance Storage Container Database is a historical list of Underground Storage Tank sites, compiled from tank survey and registration information collected at one time between 1984 and 1987 by the State Water Resources Control Board. The hazardous substances stored within these tanks includes, but not restricted to, petroleum products, industrial solvents, and other materials.

MINES Mines Listing

VERSION DATE: 07/31/18

This list includes mine site locations from the Department of Conservation's Mines Online database. Mines Online (MOL) is an interactive web map designed with GIS features that provide information such as the mine name, mine status, commodity sold, location, and other mine specific data.

MWMP California Medical Waste Management Program Facility List

VERSION DATE: 02/06/19

To protect the public and the environment from potential infectious exposure to disease caus ng agents, the Medical Waste Management Program (MWMP), in the Environmental Management Branch of the California Department of Public Health, regulates the generation, handling, storage, treatment, and disposal of medical waste by providing oversight for the implementation of the Medical Waste Management Act (MWMA). The MWMP permits and inspects all medical waste off-site treatment facilities, medical waste transporters, and medical waste transfer stations. This list contains transporters, treatment, and transfer facilities.

SLIC Spills, Leaks, Investigation & Cleanup Recovery Listing

VERSION DATE: 06/16/08

These records are maintained by the California Regional Water Quality Control Board (RWQCB). This list includes contaminated sites that impact groundwater or have the potential to impact ground water. Please refer to CLEANUPSITES database as source of current data.

SWEEPS Statewide Environmental Evaluation and Planning System

VERSION DATE: 10/01/94

The Statewide Environmental Evaluation and Planning System (SWEEPS) contains a historical listing of active and inactive underground storage tank locations from the State Water Resources Control Board. The hazardous substances stored within these tanks includes, but not restricted to, petroleum products, industrial solvents, and other materials. Refer to CUPA listing for source of current data.

USTCUPA Underground Storage Tanks

VERSION DATE: 07/17/19

The California State Water Resources Control Board provides a list of permitted underground storage tanks. Permitted Underground Storage Tank (UST) Facilities includes facilities at which the owner or operator has been issued a permit to operate one or more USTs by the local permitting agency. Permitted UST Facilities are imported weekly from the California Environmental Report ng System (CERS).

BF Brownfield Sites

VERSION DATE: 12/02/18

This database of Brownfield Memorandum of Agreement (MOA) sites is maintained by the California Environmental Protection Agency. The California Department of Toxic Substances Control (CTSC), the State Water Resources Control Board, and the Regional Water Quality Control Boards (RWQCBs) agreed to a Brownfield Memorandum of Agreement (MOA). The MOA limits the oversight of a brownfields site to one agency, establishes procedures and guidelines for identifying the lead agency, calls for a single uniform site assessment procedure, requires all cleanups to address the requirements of the agencies, defines roles and

responsibilities, provides for ample opportunity for public involvement, commits agencies to review time frames, and commits agencies to coordinate and communicate on brownfields issues. The Brownfield MOA site list is obtained from the State Water Resources Control Board GeoTracker online database. This list contains both open and completed sites.

CALSITES CALSITES Database

VERSION DATE: 05/01/04

This historical database was maintained by the Department of Toxic Substance Control for more than a decade. CALSITES contains information on Brownfield properties with confirmed or potential hazardous contamination. In 2006, DTSC introduced EnviroStor as the latest Brownfields site database.

CLEANUPSITES GeoTracker Cleanup Sites

VERSION DATE: 01/09/19

This GeoTracker Cleanup Sites database is maintained by the State Water Resources Control Board. The database contains contaminated sites that impact groundwater or have the potential to impact ground water, including sites that require cleanup, such as Leaking Underground Storage Tank Sites, Department of Defense Sites, and Cleanup Program Sites. GeoTracker also contains records for various unregulated projects as well as permitted facilities including: Irrigated Lands, Oil and Gas production, operating Permitted USTs, and Land Disposal Sites. GeoTracker portals retrieve records and view integrated data sets from multiple State Water Board programs and other agencies.

CORTESE Cortese List

VERSION DATE: 01/17/19

This active listing includes hazardous waste and substances sites designated by the State Water Resources Control Board , the Integrated Waste Board, and the Department of Toxic Substance Control. DTSC's Brownfields and Environmental Restoration Program (Cleanup Program) EnviroStor database provides DTSC's component of Cortese List data by identifying Annual Workplan (now referred to State Response and/or Federal Superfund), and Backlog sites listed under Health and Safety Code section 25356. In addition, DTSC's Cortese List includes Certified with Operation and Maintenance sites.

DROP Listing of Certified Dropoff, Collection, and Community Service Programs

VERSION DATE: 10/14/18

Listing of Certified Dropoff, Collection, and Community Service Programs (non-buyback) operating under the state of California's Beverage Container Recycling Program. This list is maintained by the Department of Conservation.

ERAP Expedited Removal Action Program Sites

VERSION DATE: 10/14/18

Environmental Records Definitions - STATE (CA)

This list is a subset of the Department of Toxic Substances Control's EnviroStor database.

HISTCORTESE Historical Cortese List

VERSION DATE: 11/02/02

This historical listing includes hazardous waste and substances sites designated by the State Water Resources Control Board, the Integrated Waste Board, and the Department of Toxic Substance Control. The Cortese List was utilized by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites. See CACORTESE for an updated version of this database.

LUST Leaking Underground Storage Tanks

VERSION DATE: 01/09/19

This database is maintained by the State Water Resources Control Board. This list is a subset of the GeoTracker Cleanup Sites database.

NFA No Further Action Determination

VERSION DATE: 12/12/18

This listing contains properties at which the Department of Toxic Substance Control has made a clear determination that the property does not pose a problem to the environment or to public health.

NFE Sites Needing Further Evaluation

VERSION DATE: 12/12/18

The NFE listing contains properties that the Department of Toxic Substance Control suspects with possible contamination. These are unconfirmed contaminated properties that need further assessment.

PROC Listing of Certified Processors

VERSION DATE: 06/12/18

Listing of Certified Processors that are operating under the state of California's Beverage Container Recycling Program. This list is maintained by the Department of Conservation.

REF Referred to Another Local or State Agency

VERSION DATE: 06/21/18

The REF listing contains properties where contamination has not been confirmed and which were determined as not requiring direct Department of Toxic Substance Control Site Mitigation Program action or oversight.

Accordingly, these sites have been referred to another state or local regulatory agency.

SWIS Solid Waste Information System Sites

VERSION DATE: 01/07/19

The Solid Waste Information System (SWIS) database includes information on solid waste facilities, operations, and disposal sites located in California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites. This database is maintained by the California Department of Resources Recycling and Recovery.

SWRCY Recycling Centers

VERSION DATE: 08/13/18

Listing of Certified Recycling Centers that are operating under the state of California's Beverage Container Recycling Program. This list is maintained by the Department of Conservation.

VCP Voluntary Cleanup Program

VERSION DATE: 01/14/19

This list of Voluntary Cleanup Sites is a subset of the Department of Toxic Substances Control's EnviroStor database.

WMUDS Waste Management Unit Database

VERSION DATE: 01/01/00

The Waste Management Unit Database System tracks and inventories waste management units. CCR Title 27 contains criteria stating that Waste Management Units are classified according to their ability to contain wastes. Containment shall be determined by geology, hydrology, topography, climatology, and other factors relating to the ability of the Unit to protect water quality. Water Code Section 13273.1 requires that operators submit a water quality solid waste assessment test (SWAT) report to address leak status. The WMUDS was last updated by the State Water Resources control board in 2000.

ENVIROSTOR EnviroStor Cleanup Sites

VERSION DATE: 01/14/19

The Department of Toxic Substances Control (DTSC) has developed the EnviroStor database system to evaluate and track sites with confirmed or potential contamination and sites where further investigation may be necessary. This EnviroStor database of cleanup sites contains the following: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. Sites where DTSC has made a "No Action Required" determination are not included in this database, as these sites had assessments that revealed no evidence of recognized environmental conditions in connection with the property.

Environmental Records Definitions - STATE (CA)

ENVIROSTORPCA	EnviroStor Permitted and Corrective Action Sites
VERSION DATE: 01/17/19	

The California Department of Toxic Substance Control maintains a list of Hazardous Waste sites in online database Envirostor. This list contains: 1) data pertaining to the Hazardous Waste Sites tracked in Envirostor; 2) the completed activities for Hazardous Waste Units; 3) the completed activities for Hazardous Waste Units undergoing closure; 4) completed maintenance activities; 5) the various "aliases" for a project (Some examples are: alt project name, alt address, EPA ID, etc.).

TOXPITS	Toxic Pits Cleanup Act Sites
VERSION DATE: 07/01/95	

Toxic Pits are sites with possible contamination of hazardous substances where cleanup is necessary. This listing is no longer updated by the State Water Resources Control Board.

SBHWF Santa Barbara County Hazardous Waste Facilities

VERSION DATE: 04/01/11

This listing of CUPA facilities within Santa Barbara County is provided by the County Fire Department's Hazardous Materials Unit (SBCFD HMU). These facilities include those that store, utilize, generate and/or dispose of hazardous materials and waste. The SBCFD HMU has jurisdiction over the unincorporated areas of the county in addition to working with the Carpinteria-Summerland Fire District, Montecito Fire District, Santa Barbara City Fire Department, Lompoc City Fire Department, Santa Maria City Fire Department, and Vandenberg Air Force Base Fire Department as Participating Agencies.

SBFDLUFT Santa Barbara County Fire Department Leaking Underground Fuel Tanks

VERSION DATE: 09/25/16

This list is a query from State Water Resources Control Board's GeoTracker database.

Environmental Records Definitions - TRIBAL

USTR09 Underground Storage Tanks On Tribal Lands

VERSION DATE: 04/10/18

This database, provided by the United States Environmental Protection Agency (EPA), contains underground storage tanks on Tribal lands located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

LUSTR09 Leaking Underground Storage Tanks On Tribal Lands

VERSION DATE: 04/10/18

This database, provided by the United States Environmental Protection Agency (EPA), contains leaking underground storage tanks on Tribal lands located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

ODINDIAN Open Dump Inventory on Tribal Lands

VERSION DATE: 11/08/06

This Indian Health Service database contains information about facilities and sites on tribal lands where solid waste is disposed of, which are not sanitary landfills or hazardous waste disposal facilities, and which meet the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944).

TORRESDUMPSITES Illegal Dump Sites on the Torres Martinez Reservation

VERSION DATE: 10/29/07

This listing of illegal dump site locations on the Torres Martinez Reservation is maintained by the United States Environmental Protection Agency, Region IX. These dump sites contain unlawfully discarded household waste such as landscaping and wood wastes with no known soil or groundwater contamination. A majority of the sites have already been cleaned up through the collaborative efforts of the EPA, The California Integrated Waste Management Board and the Torres Martinez Tribe.

INDIANRES Indian Reservations

VERSION DATE: 01/01/09

The Department of Interior and Bureau of Indian Affairs maintains this database that includes American Indian Reservations, off-reservation trust lands, public domain allotments, Alaska Native Regional Corporations and Recognized State Reservations.

APPENDIX D

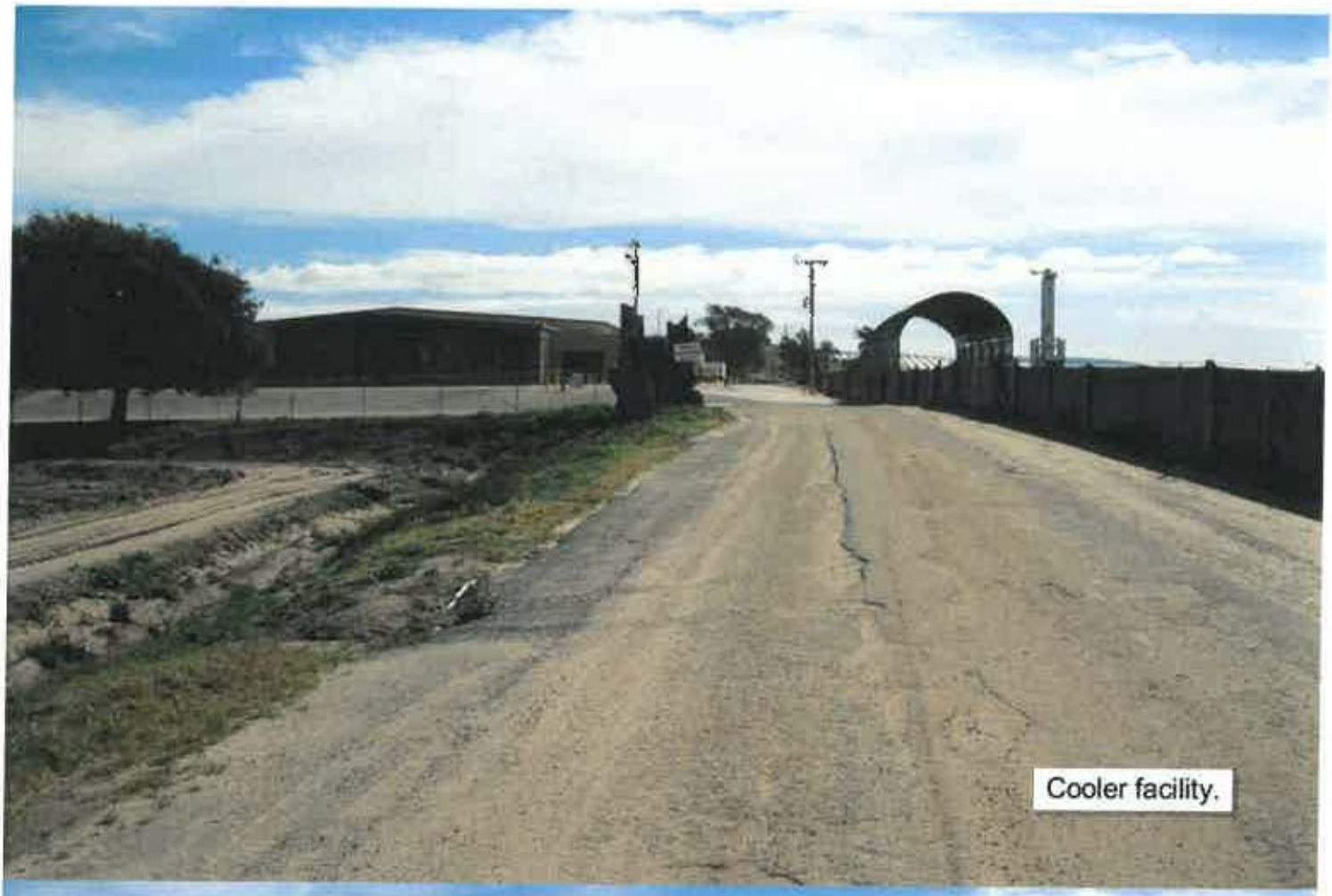
Site Photographs & Aerial Photographs

Looking east along Betteravia Road.

Looking southeast from access road.

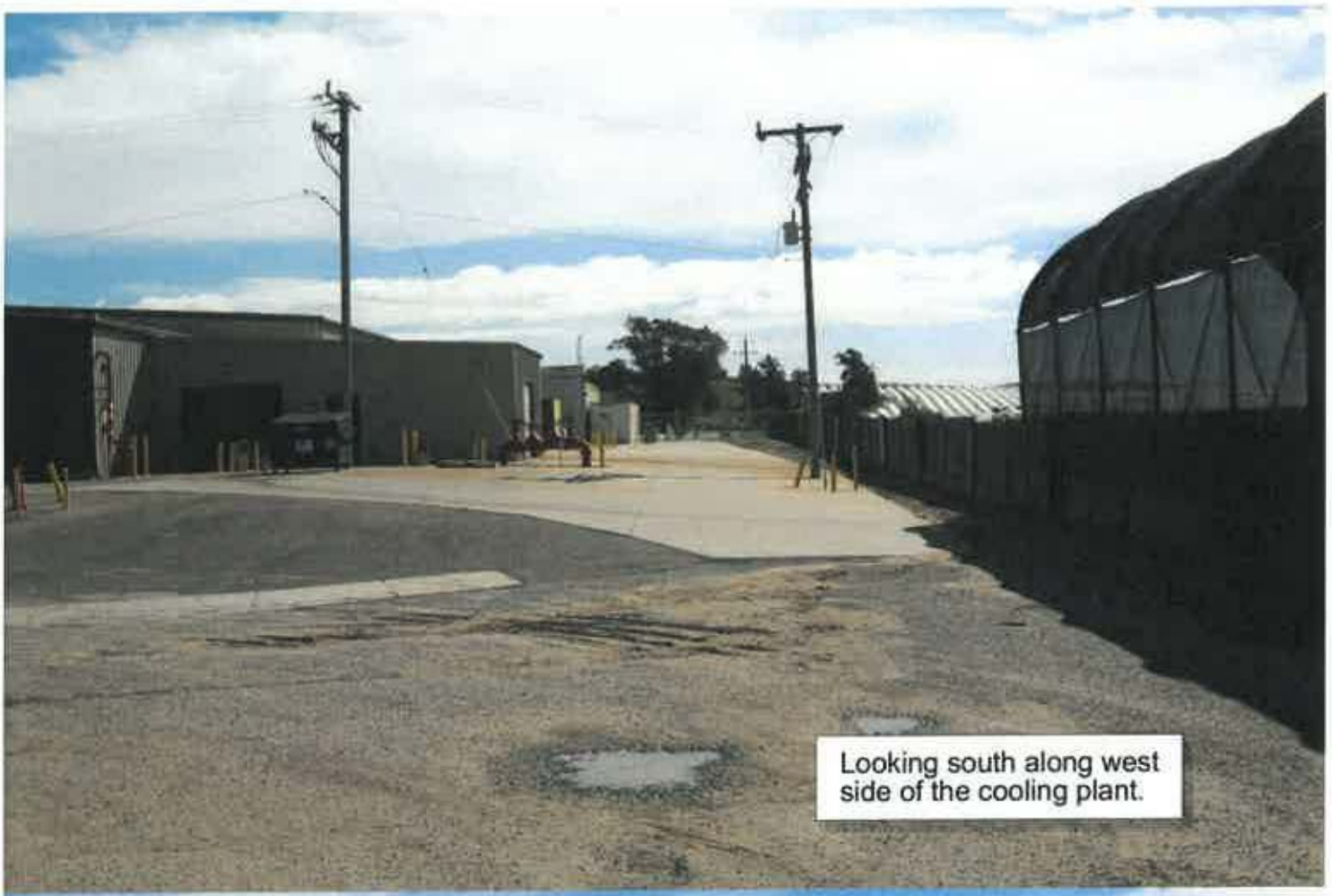

Paved entrance road
to the property.


Looking east
across property.



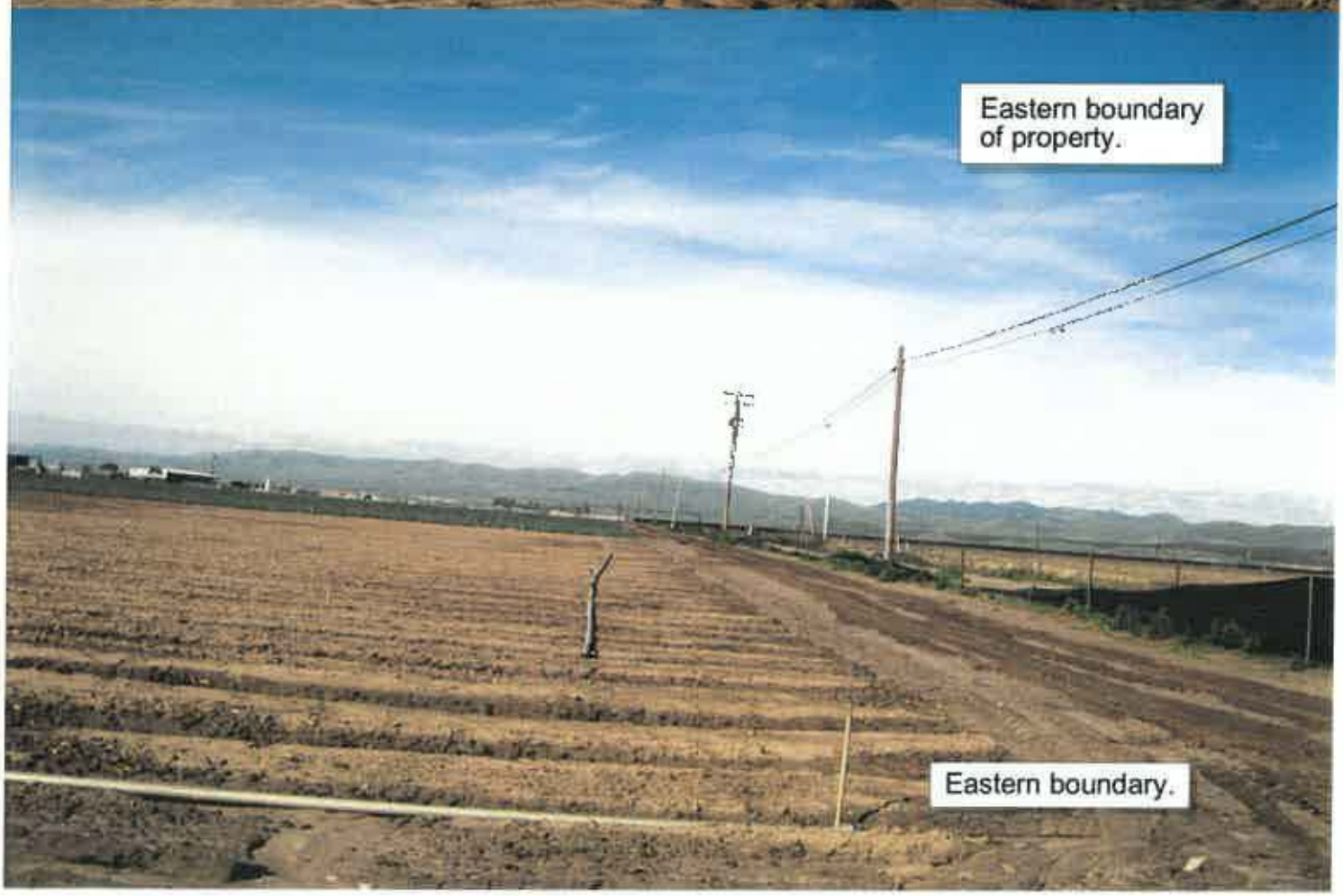
Cooler facility.

North side of cooler facility.

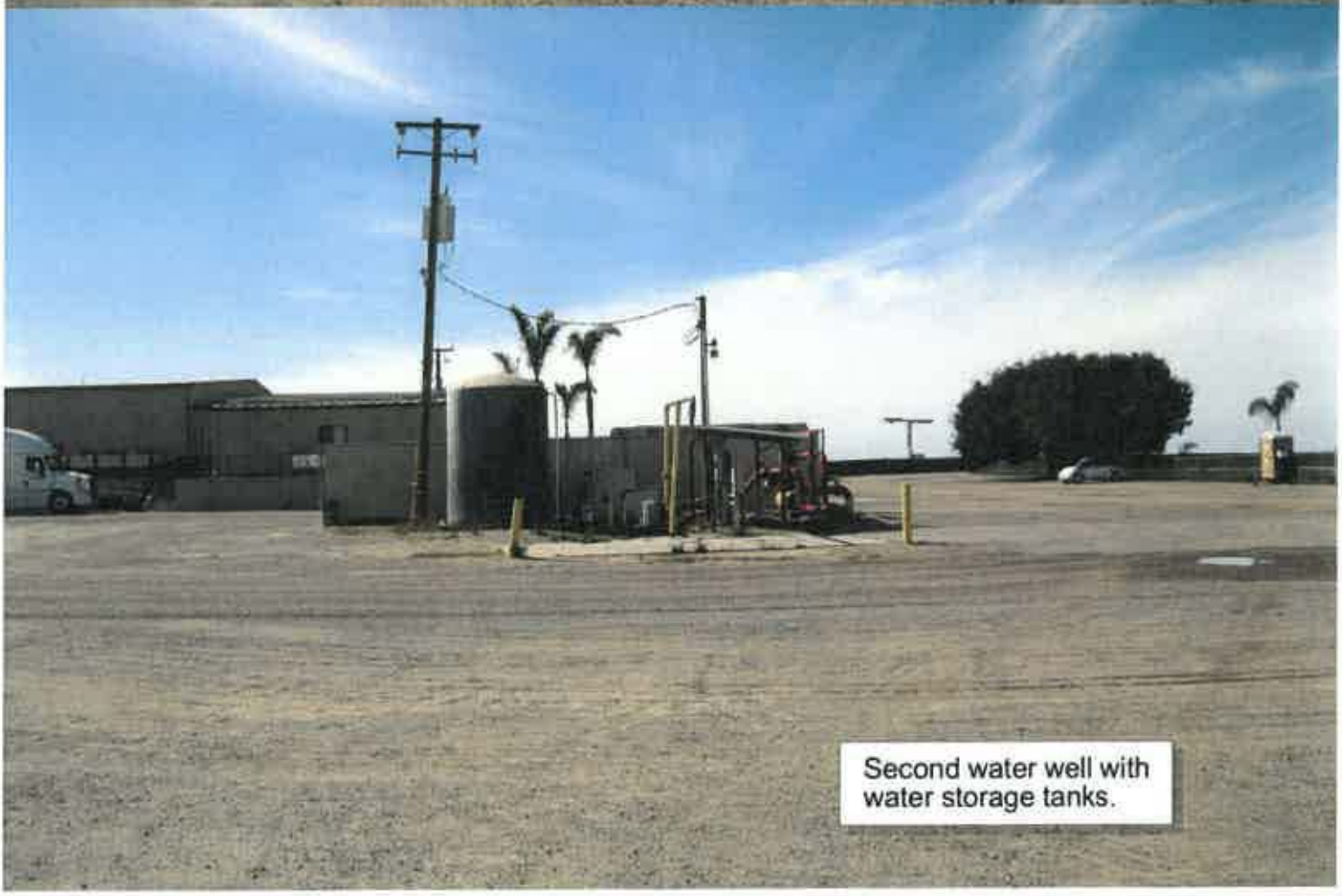

Looking south along west side of the cooling plant.


Front of cooling plaint


Looking north across the parcels.

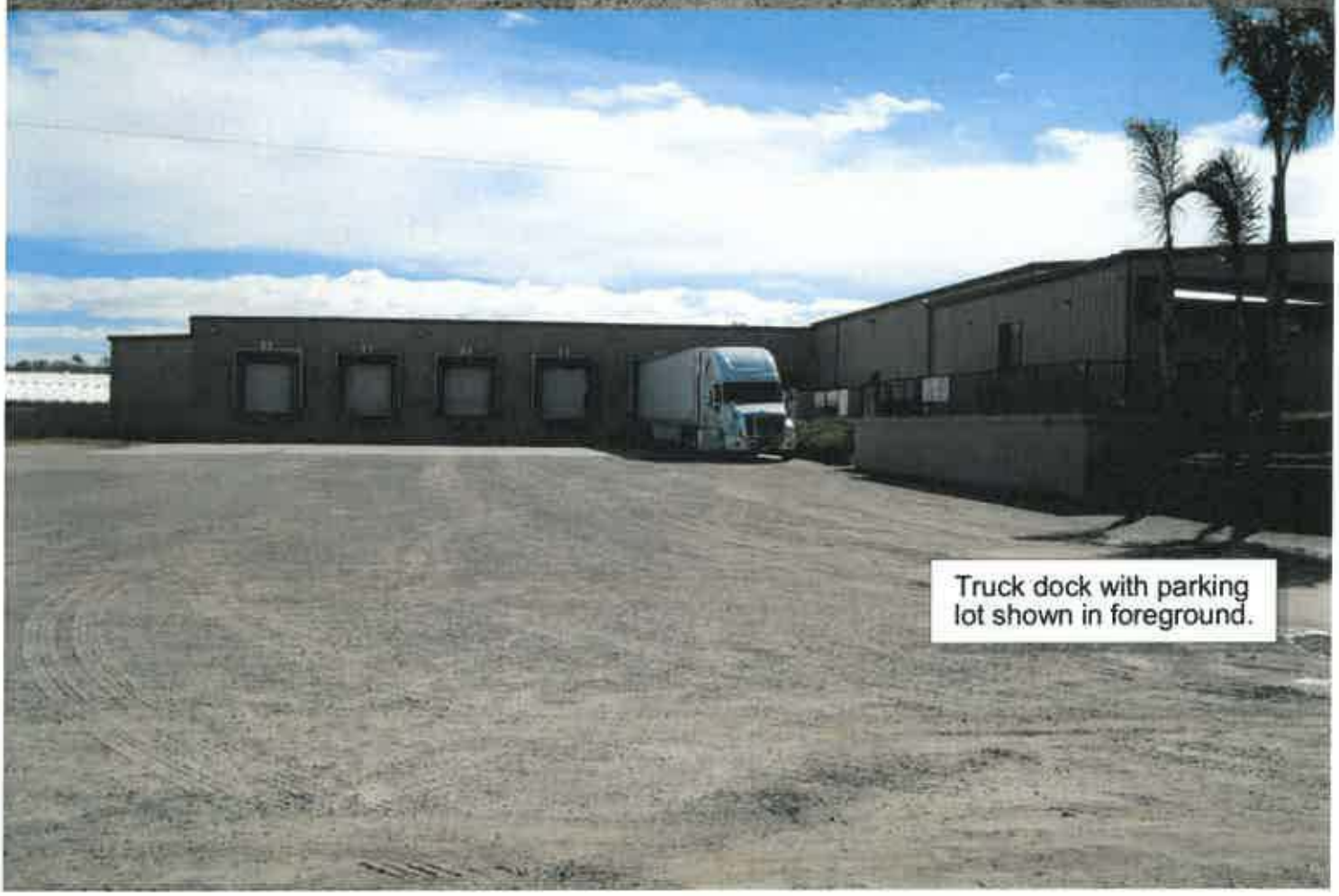

Eastern boundary of property.
Eastern boundary.

Parking lot for truckers.

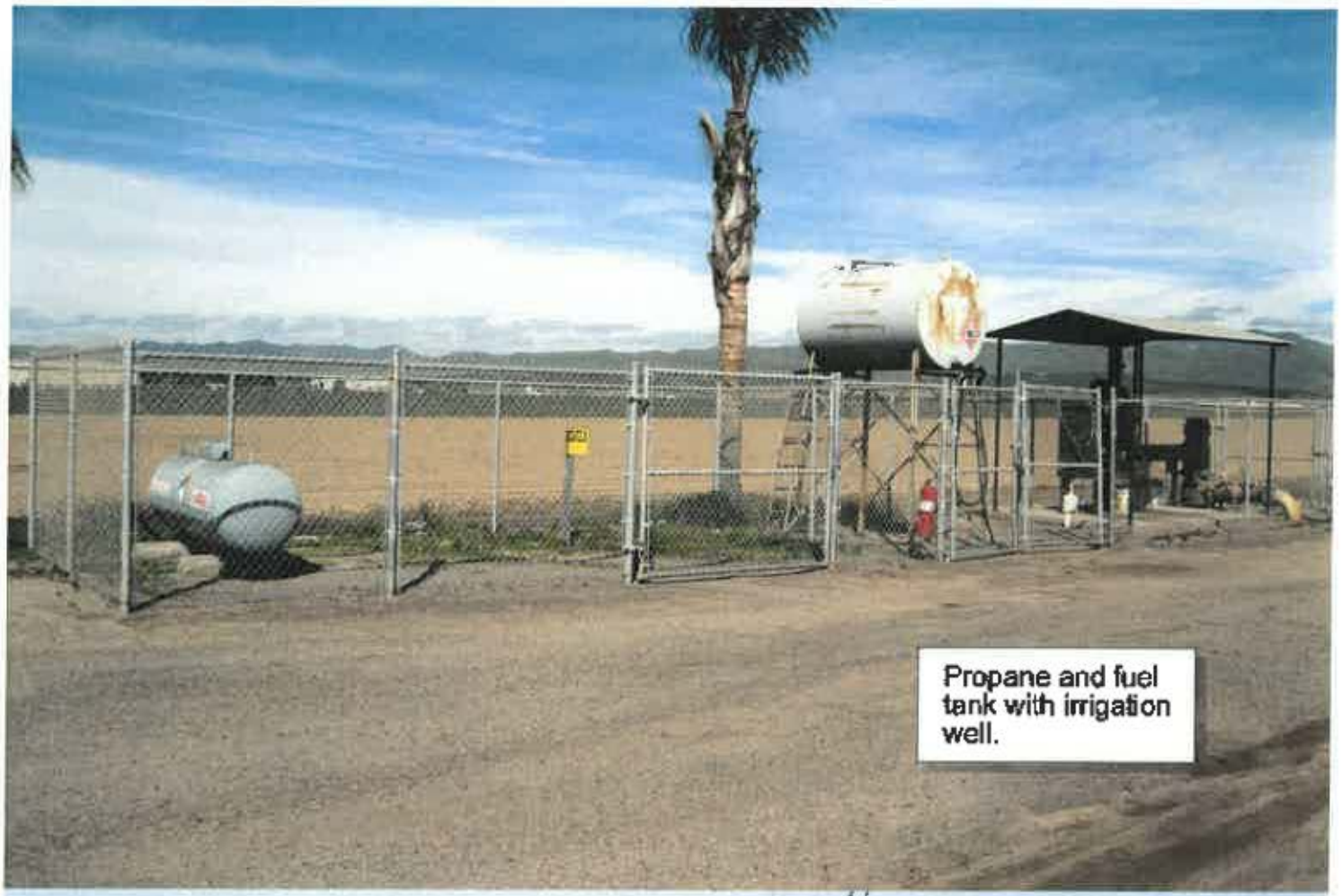


Second water well with water storage tanks.

East side of plant.



Truck dock with parking lot shown in foreground.

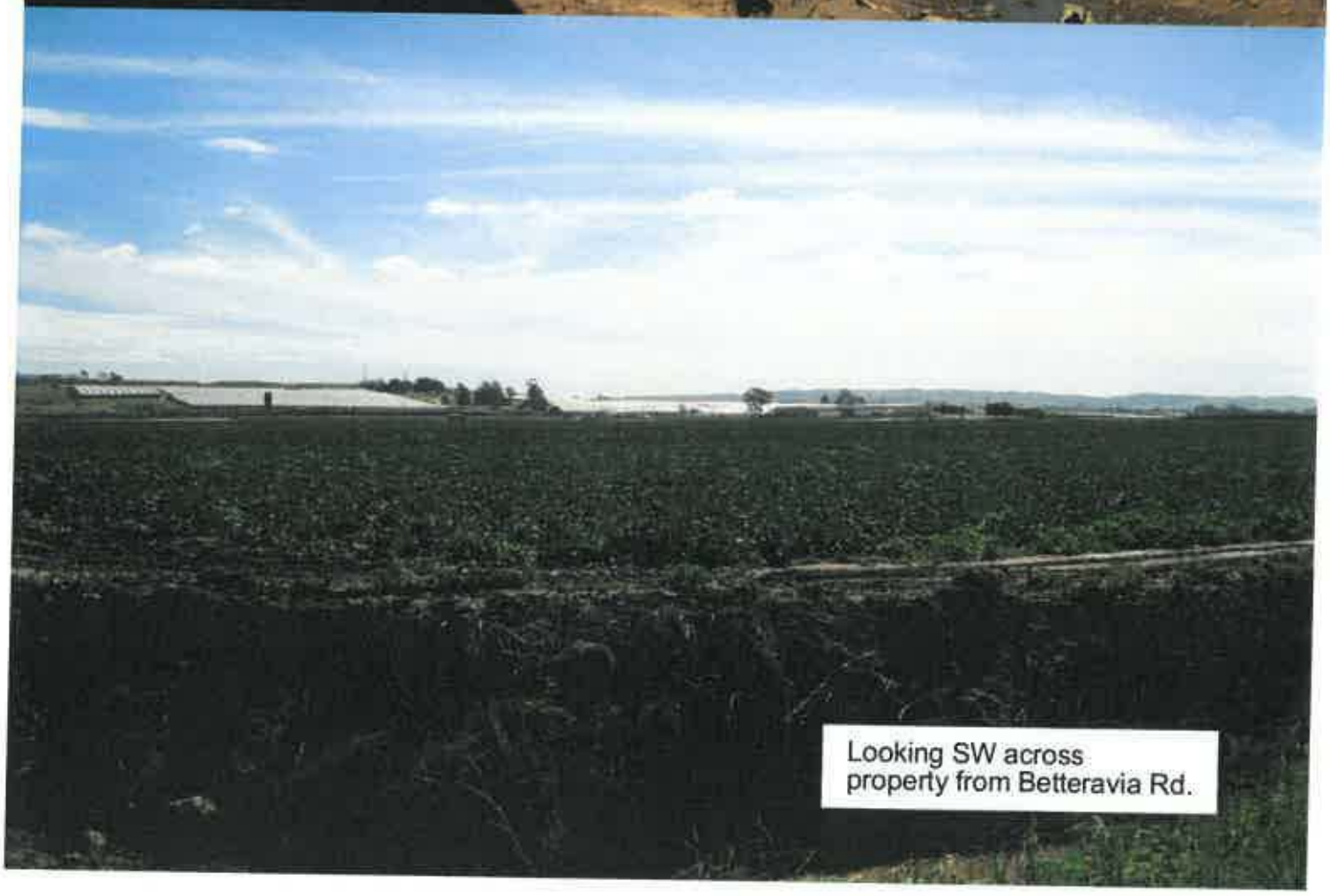


Propane and fuel tank with irrigation well.

Eastern boundary limit--looking north.

Southern boundary--
looking to the west.

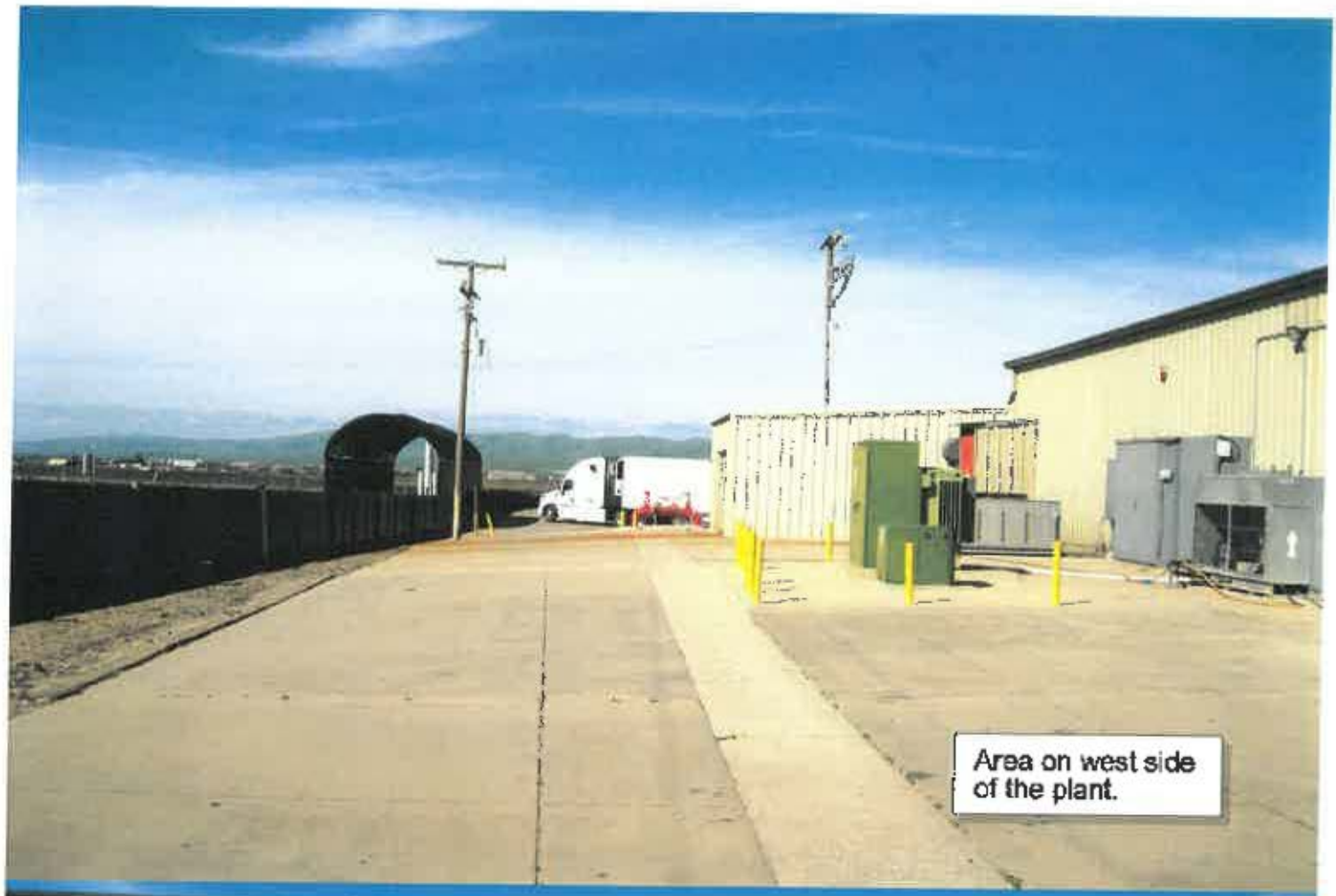
Looking west toward
the cooler



Looking SW across
property from Betteravia Rd.


Drainage ditch
located along
Betteravia Rd.


Drainage ditch
located on east and
north side of the
property.


Area on west side
of the plant.

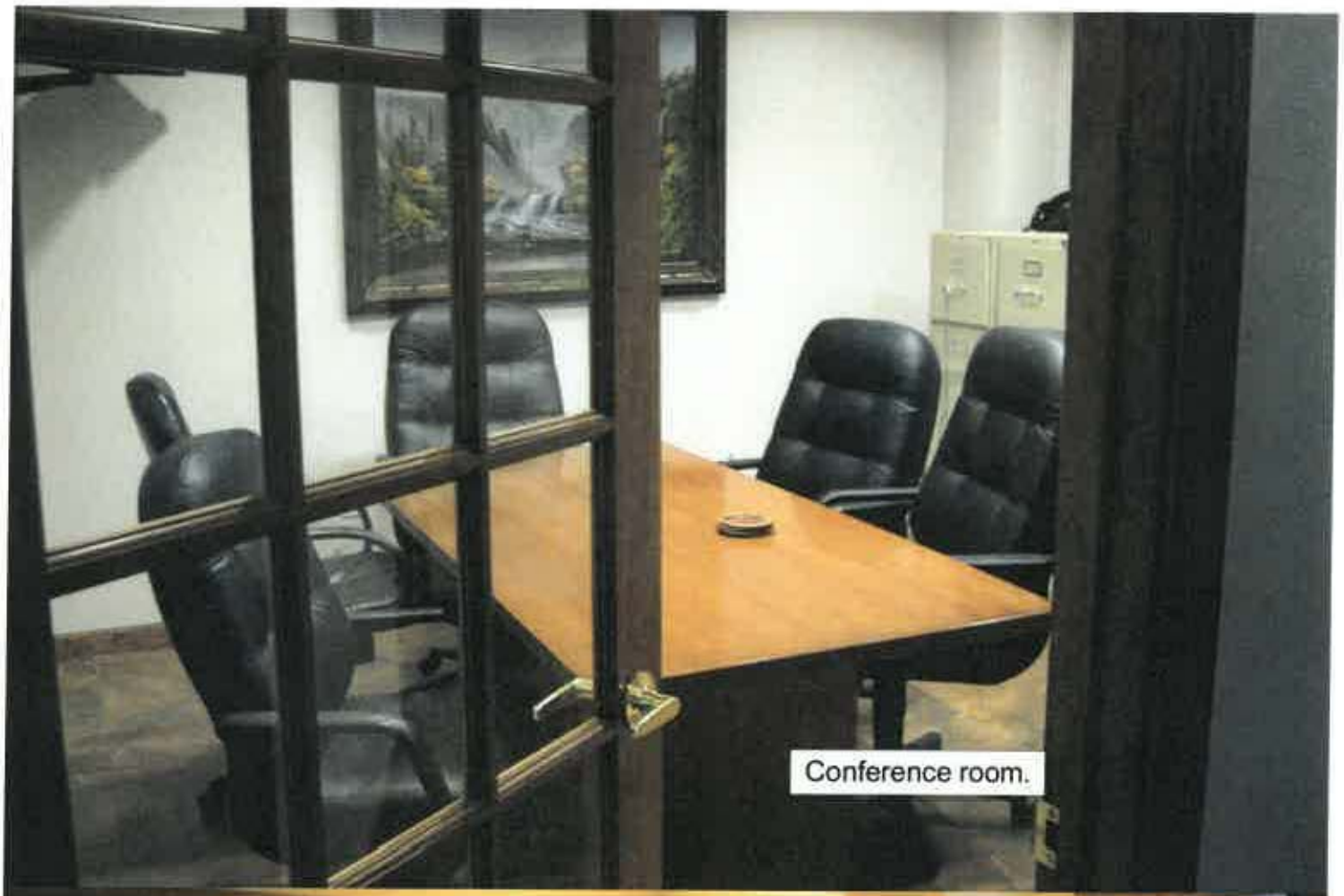

Transformer located
on west side of cooler.

Office entrance.

Forklift room.

Entrance to cooler for incoming produce.

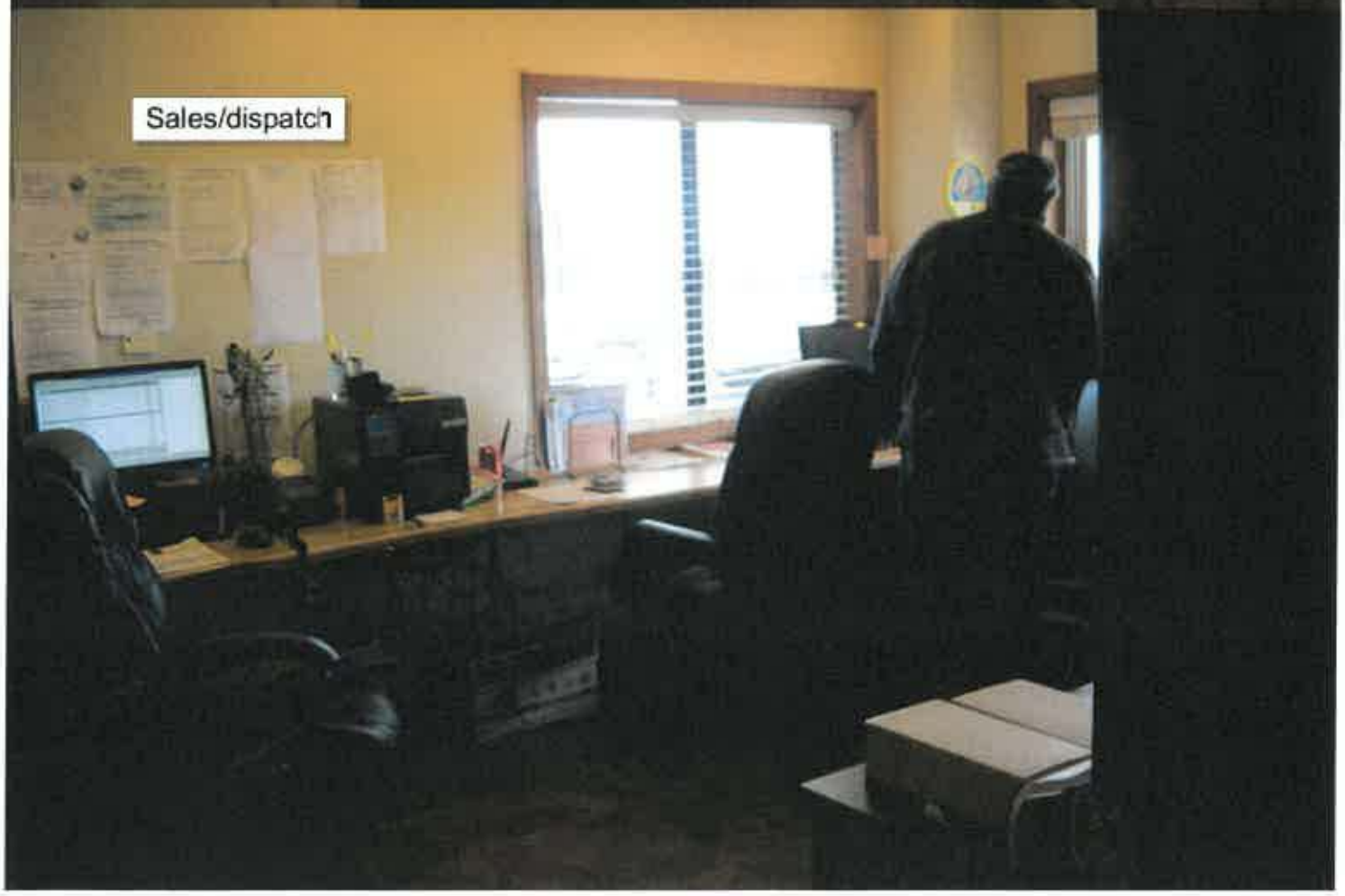
Cooler bays for outgoing produce.



Conference room.

Office area.


Kitchen area


Sales/dispatch

GeoSearch

On time. On target. In touch.™

Historical Aerial Photographs

NEW: GeoLens by Geosearch

Target Property:

1750 E Betteravia Rd
1750 Betteravia Rd
Santa Maria, Santa Barbara, California 93454

Prepared For:

Buena Resources

Order #: 122535
Job #: 281126
Project #:
Date: 3/4/2019

Target Property Summary

1750 E Betteravia Rd

1750 Betteravia Rd

Santa Maria, Santa Barbara, California 93454

USGS Quadrangle: **Santa Maria**

Target Property Geometry: **Point**

Target Property Longitude(s)/Latitude(s):

(-120.397756764, 34.920726351)

Aerial Research Summary

Date	Source	Scale	Frame
2016	USDA	1" = 500'	N/A
2014	USDA	1" = 500'	N/A
2012	USDA	1" = 500'	N/A
2010	USDA	1" = 500'	N/A
2009	USDA	1" = 500'	N/A
2005	USDA	1" = 500'	N/A
2004	USDA	1" = 500'	N/A
2003	USDA	1" = 500'	N/A
09/03/1994	USGS	1" = 500'	N/A
06/12/1989	USGS	1" = 500'	1883-107
10/18/1981	USGS	1" = 500'	473-120
09/22/1978	USGS	1" = 500'	2-11
06/28/1976	USGS	1" = 500'	3-69
05/14/1967	ASCS	1" = 500'	2-278
04/02/1960	USAF	1" = 500'	8-623
04/09/1954	ASCS	1" = 500'	10-22
03/27/1949	ASCS	1" = 500'	1-139
09/20/1943	ASCS	1" = 500'	2-34
12/31/1938	FAIRCHILD	1" = 500'	SA-69

N
W E
S

1750 E Batteravia Rd
USDA
2016

GeoSearch

JOB #: 291126 - 03/04/2019

N
W E
S

1750 E Betteravia Rd
USDA
2014

GeoSearch

JOB #: 281126 - 03/04/2019

N
W E
S

1750 E Betteravia Rd
USDA
2012

GeoSearch

JOB #: 281128 - 03/04/2019

N
W E
S

1750 E Betteravia Rd
USDA
2010

GeoSearch

JOB #: 291126 - 03/04/2019

N
W E
S

1750 E Betteravia Rd
USDA
2009

GeoSearch

JOB #: 281126 - 03/04/2019

N
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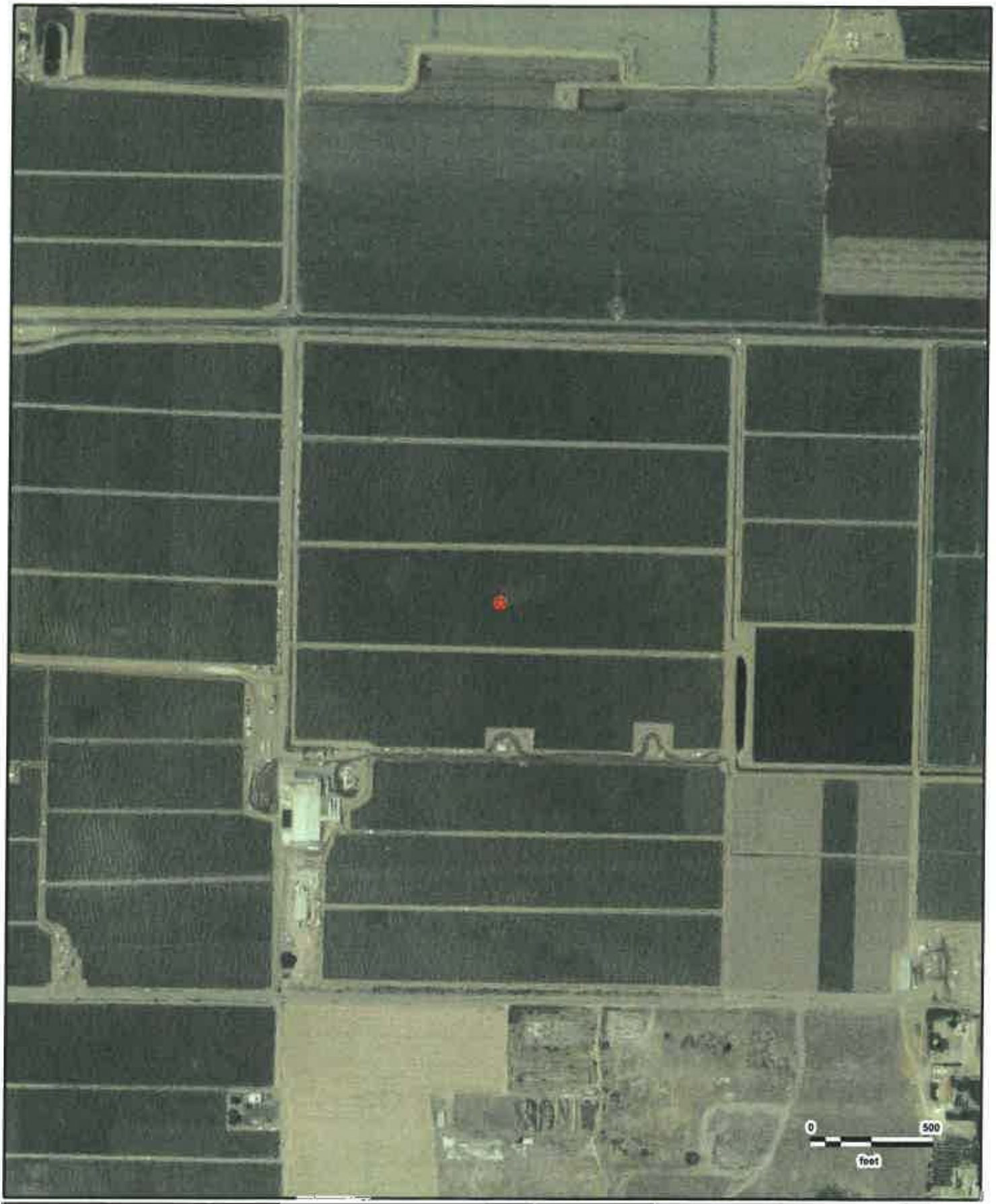
S

1750 E Betteravia Rd
USDA
2005

GeoSearch

JOB #: 261126 - 03/04/2019



N
W
E
S

1750 E Betteravie Rd
USDA
2004

GeoSearch

JOB #: 251126 - 03/04/2019

1750 E Betteravia Rd
USDA
2003

GeoSearch

JOB #: 281128 - 03/04/2019

N
W E
S

1750 E Betteravia Rd
USGS
09/03/1994

GeoSearch

JOB #: 281126 - 03/04/2019

N
W E
S

1750 E Betteravia Rd
USGS
06/12/1969

GeoSearch

JDB #: 281126 - 03/04/2019

N
W E
S

1750 E Betteravia Rd
USGS
10/18/1981

GeoSearch

JOB #: 281126 - 03/04/2019

N
W E
S

1750 E Betteravia Rd
USGS
09/22/1978

GeoSearch

JOB # 251125 - 03/04/2019

N
W
E
S

1750 E Batteravia Rd
USGS
06/28/1976

GeoSearch

JOB #: 281126 - 03/04/2019

N
W E
S

1750 E Betteravia Rd
ASCS
05/14/1967

GeoSearch

JOB #: 2811126 - 03/04/2019

N
W E
S

1750 E Betteravia Rd
USAF
04/02/1960

GeoSearch

JOB #: 281126 - 03/04/2019

N
W E
S

1750 E Betteravia Rd
ASCS
04/09/1954

GeoSearch

JOB #: 281126 - 03/04/2019

N
W E
S

1750 E Betteravia Rd
ASCS
03/27/1949

GeoSearch

JOB #: 201126 - 03/04/2019

N
W E
S

1750 E Betteravia Rd
ASCS
09/20/1943

GeoSearch

JOB #: 281128 - 03/04/2016

N
W E
S

1750 E Betteravia Rd
FAIRCHILD
12/31/1938

GeoSearch

JOB #: 281126 - 030420 19

APPENDIX E

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

Buena Resources, Inc. is a locally owned and operated full-service environmental company providing environmental consulting, field services and analytical services. Our environmental professionals are experienced in Phase I assessment, Phase II subsurface investigations and Phase III remediation. Our staff consists of professional engineers and environmental technicians. All of our field personnel are OSHA 40 hour trained to perform environmental work when hazardous chemicals are involved. Clients for whom we've performed our services include major oil company, large utilities, industrial facilities, lending institutions, real estate developers and property owners and sellers.

The following professionals performed work related to this project:

Mr. Daniel Ringstmeyer is a Registered Professional Engineer, Colorado and California, Registered Environmental Assessor, Certified OSHA 40-Hour Trained worker, 8-Hour Trained Haz-mat Supervisor and a licensed California General Engineering Contractor. Mr. Ringstmeyer holds a bachelor of science in civil engineering from the South Dakota State University. He is the Founder/Owner and Principal Engineer of **Buena Resources, Inc.** and CIRRUS Environmental, Inc. He is the Principle Engineer responsible for all work performed by the environmental consulting/contracting firm. Mr. Ringstmeyer has conducted Phase I ESA assessments, Phase II subsurface investigations and Phase III remediation projects for sites throughout California and Mexico. He has designed and managed many successful remediation projects utilizing soil vapor extraction/thermal oxidation, bioremediation, groundwater pump and treat, and carbon adsorption throughout California and Mexico including the closure of a large Class I TSD Landfill facility. He has also directly been responsible for the closure of several idled oil fields and illegal agriculture landfills.

Arctic Cold, LLC- Santa Maria Site

Ag Sampling of Surface Soils

1750 E. Betteravia Road
Santa Maria, CA

October 20, 2020
(Rev 1)

Prepared For:

Mr. Tim Dayton
Arctic Cold, LLC
P.O. Box 6308
Oxnard, CA 93031

Prepared By:

Buena Resources, Inc.
P.O. Box 2040
Santa Maria, CA 93457-2040

Arctic Cold, LLC-Santa Maria Site
1750 E. Betteravia Road
Santa Maria, CA

TABLE OF CONTENTS

Buenaresources

P.O. Box 2040
Santa Maria, CA 93457-2040
P: (805) 346-1766
F: (805) 346-1767

October 20, 2020

Mr. Tim Dayton
Arctic Cold, LLC
P.O. Box 6308
Oxnard, CA 93031

Subject: Ag Sampling of 40-Acre Santa Maria Arctic Cold, LLC Property located near Santa Maria, CA

Dear Tim:

1.0 INTRODUCTION

Buena Resources, Inc. recently conducted an Ag Sampling of the surface soils on the 40-acre Santa Maria Property. This sampling was done to address the Rincon comments under the Phase I section, as noted in the Rincon Peer Review and Comments & Recommendations letter. This sampling was completed according to the California Department of Toxics *Interim Guidance for Sampling Agricultural Properties (Third Revision).*

The focus for this sampling was the surface soils (0-6") where Organic Chlorinated Pesticides (OCP) and Arsenic may have accumulated from past farming operations at this site. These soils are those that have been farmed and pesticides have been uniformly applied with no construction activity having taken place.

At the request of Rincon Engineers, a second sampling was done on October 1, 2020 to obtain *discrete* arsenic samples from the gridded layout of the 40-acre property. The prior work analyzed the composited samples for arsenic. These sample results are shown on the attached spreadsheets.

2.0 FIELD SAMPLING:

The scope of this investigation was to sample the entire 40-acre site on a gridded fashion according to Table 1 found in the Interim Guidance Document. A 40-acre site requires 50 sample locations which can be composited on a 4:1 ratio resulting in thirteen composited samples requiring analysis, according to the guidance document. One duplicate sample was taken at the sample #13 location. A second sampling was conducted to obtain one discrete sample from one of the four locations that were composited. Those results are shown on a separate spreadsheet in the appendix of this report.

The attached figure shows the subject property with the gridded layout that was used to get a uniform sampling across the entire site. The reference points for this grid were the northwest, southwest and southeast corners of the 40-acre property that were surveyed and located by Fargen Surveys prior to our sampling event.

Samples were taken from the 0-6" depth at each location. Each sample was labeled and placed in a cooler for transportation to the State Certified laboratory which is OEC in Santa Maria, California.

3.0 LABORATORY ANALYSIS:

3.1 Field Collection

The entire property was gridded, according to Table 1 in the Guidance Document, with the various sample locations composited on a 1:4 ratio, as depicted on Figure 1, with a sample taken of that composited material. Each sample was analyzed for Organic Chlorinated Pesticides (OCP)

according to EPA method 8081A and arsenic by the US EPA 6000/7000 series. The second sampling event utilized the same gridded layout where we selected one discrete sample from one of the four sample locations that were composited during the previous sampling event. A duplicate sample was taken at sample location #44 for this sampling event.

3.2 Sampling Maintenance and Security

Upon collection, the sample containers were labeled in accordance with EPA protocols and chilled pending transportation to OEC, a State certified analytical laboratory located in Santa Maria, California following chain-of-custody procedures. All samples were recorded on Chain-of-Custody forms in ink and transferred to the laboratory according to EPA SW-846 protocol. Any changes or corrections were made by drawing a line through the error and initialing and dating the correction, then entering the correct information.

4.0 LABORATORY RESULTS:

Composited Sampling Results:

The results from this sampling work are summarized in the attached spreadsheet. All OCP results were below the method detection limits shown, with the exception of 4,4'-DDE and Dieldrin which had reported levels above the MDL in all thirteen samples.

4,4'-DDE results ranged from 0.0059 mg/kg at site #13 to 0.013 mg/kg at site #4. The Duplicate sample taken at site #13 reported 0.0058 mg/kg as compared to 0.0059 mg/kg at site #13. Dieldrin results ranged from 0.00465 mg/kg at site #2 to 0.03 mg/kg at site #10.

Arsenic levels ranged from 1.3 mg/kg at site #11 to 2.0 mg/kg at sites #1 & #2. These levels would be considered background levels for this site.

Discrete Sampling Results:

Those results are shown on the Discrete Arsenic Sample spreadsheet, which is attached to this report as an appendix. Those results were all below the method detection limit (MDL) for arsenic. The previous sampling results were all just slightly above the MDL. The results are well below the CHHSL action level for arsenic which is 12 mg/kg, however, the HHRA Note 3 action level is shown as 0.36 mg/kg, which is a level of detection that can't be achieved by OEC laboratory.

5.0 DISCUSSION OF RESULTS

According to Mr. Kevin Montevideo, Environmental Scientist at the California Dept. of Toxic Substances Control, the attached table of screening values would apply as action levels for this site. Based on that chart, all samples reported levels below the State's CHHLSs for Chlorinated Pesticides. The action level specified in the State's Interim Guidance Document for Arsenic is 12 mg/kg, which all results are well below.

At the request of Rincon's Engineers, we have included the HHRA Note 3 action levels for both the Chlorinated Pesticides and Arsenic. The laboratory was not able to reach the low detection limit MDL that HHRA used as an action level. The MDL for arsenic ranged from 0.91 mg/kg to 0.99 mg/kg.

Attached to this report are the documents supplied by the County of Santa Barbara Agricultural Commissioner's Office concerning pesticide use at this property. These documents include this property and some of the adjacent property's use records for the past three years.

6.0 CONCLUSIONS:

During the initial sampling event, the site was gridded according to the State's Interim Guidance Document for Ag Properties with a total of 50 sample locations. The samples were composited

into thirteen (13) samples which were sent to the laboratory for analysis. All samples reported levels well below the State's CHHSLs provided by the California Department of Toxic Substances.

In the second sampling, a total of thirteen samples and one duplicate sample were taken from each composited group shown. These were discrete samples and were analyzed for arsenic using an ICP. The detection limit for OEC's ICP was around 0.92 mg/kg, although it varied slightly for each sample. All samples were below this MDL, however HHRA has an action level set for arsenic at 0.36 mg/kg, which is not achievable to reach—the ICP simply can't see that low.

It should be noted, that the majority of this site will be covered with the large building footprint and the parking lot with the remaining areas landscaped resulting in very little, if any, exposed soil.

Thank you for the opportunity to be of service. If you have any questions, please contact this office at (805) 346-1766.

Sincerely,

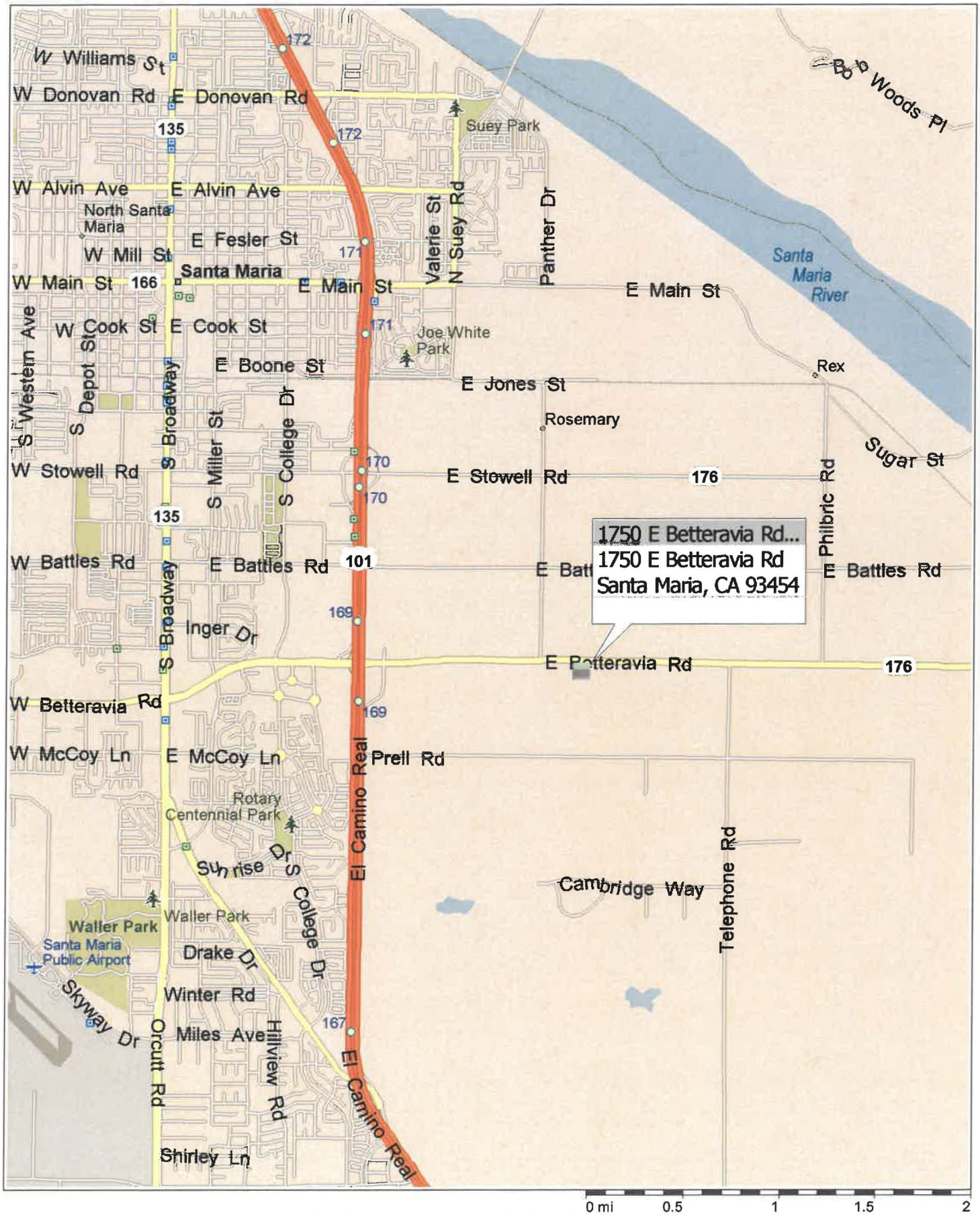
Buena Resources, Inc.

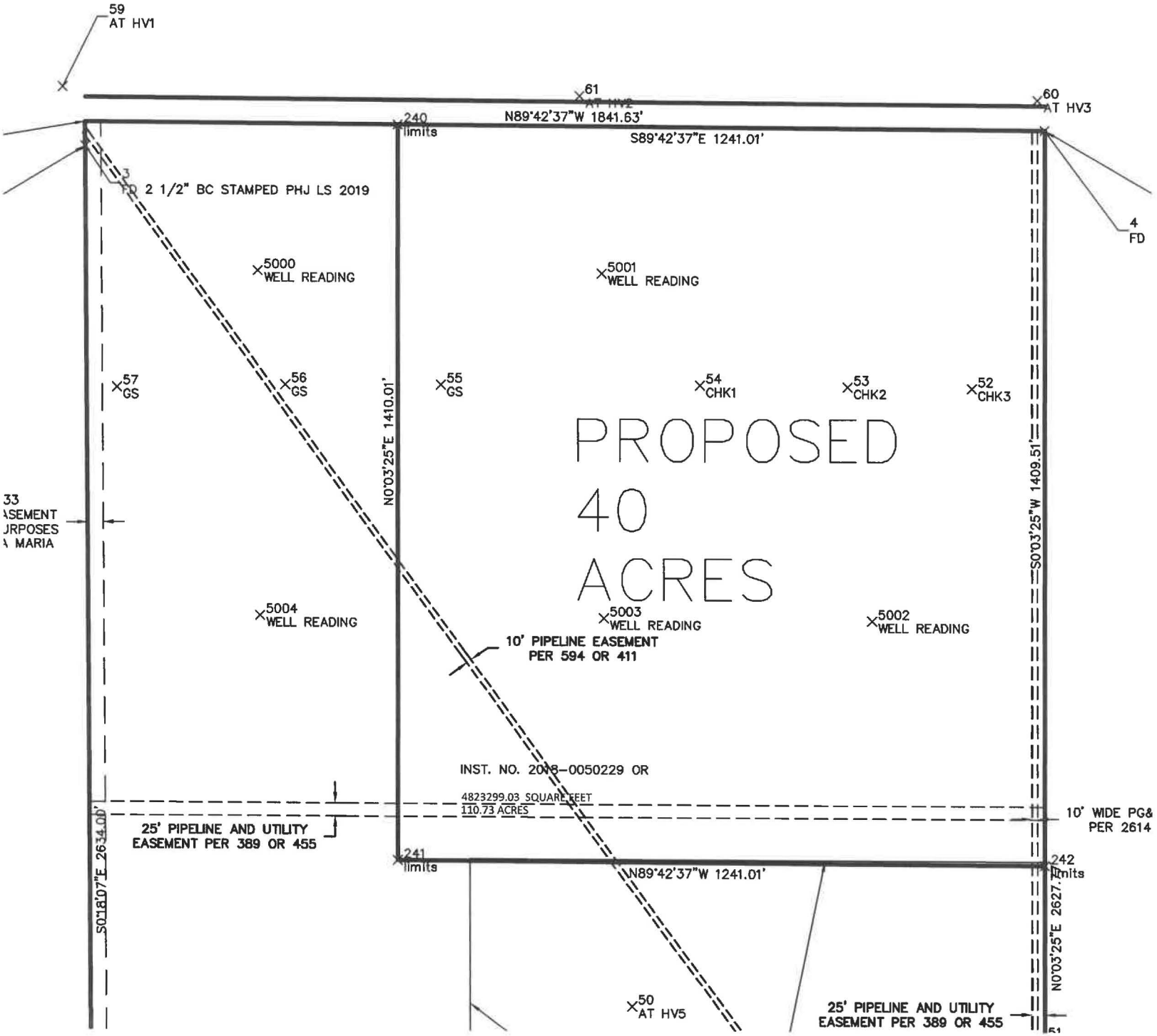
Daniel P. Ringstmeyer, P.E. (043540)
Owner/Engineer

APPENDIX A

Site Maps & Misc. Figures

VICINITY MAP

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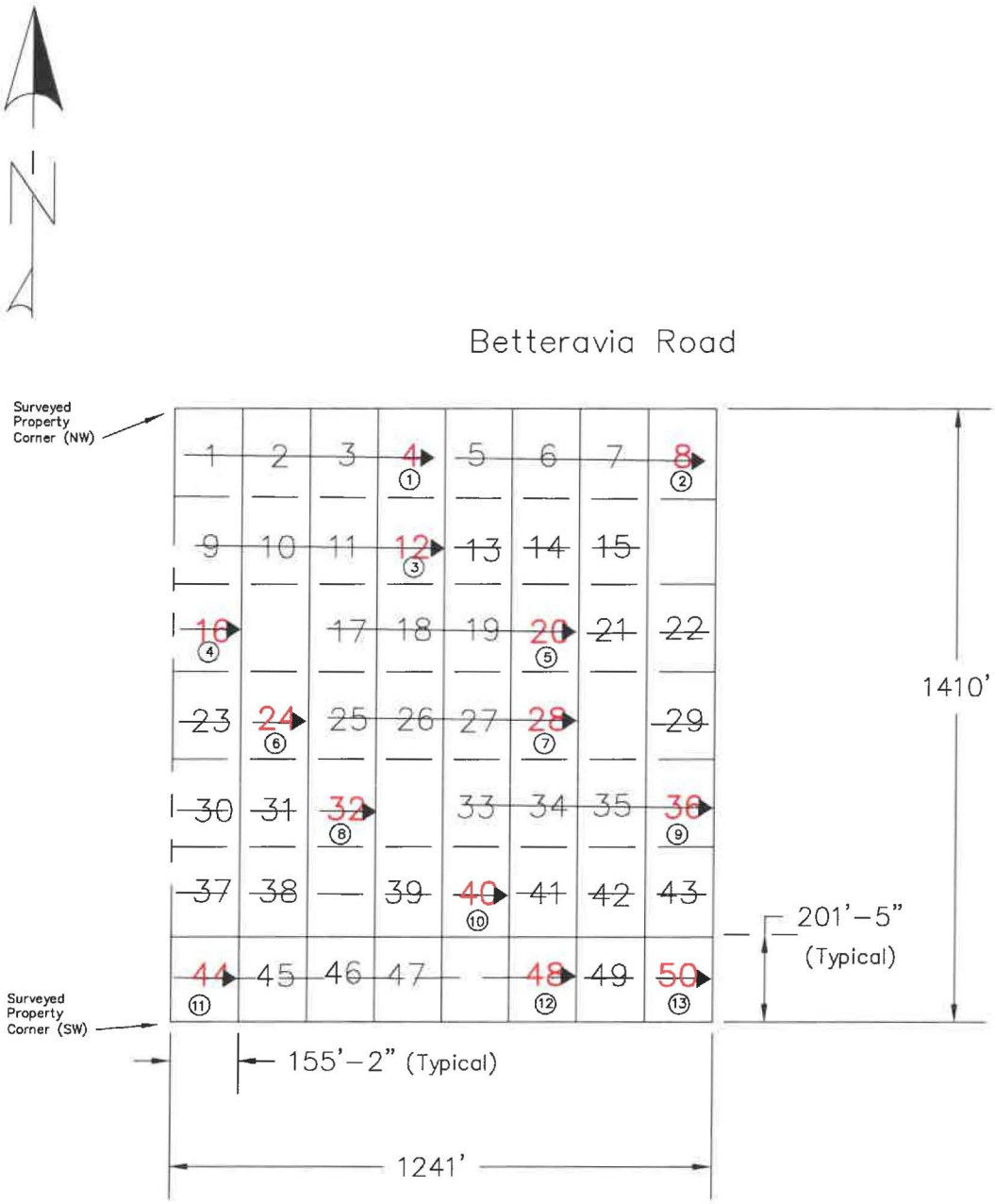
AT HV1
61
AT HV2
60
AT HV3
N89°42'37"W 1841.63'
240
limits
S89°42'37"E 1241.01'
3
FD 2 1/2" BC STAMPED PHJ LS 2019
4
FD
5000
WELL READING
5001
WELL READING
57
GS
56
GS
55
GS
54
CHK1
53
CHK2
52
CHK3
N0°03'25"E 1410.01'
S0°03'25"W 1409.51'
PROPOSED
40
ACRES
33
ASEMENT
URPOSES
A MARIA
5004
WELL READING
5003
WELL READING
5002
WELL READING
10' PIPELINE EASEMENT
PER 594 OR 411
INST. NO. 2018-0050229 OR
4823299.03 SQUARE FEET
110.73 ACRES
10' WIDE PG&
PER 2614
25' PIPELINE AND UTILITY
EASEMENT PER 389 OR 455
S0°18'07"E 2634.00'
241
limits
N89°42'37"W 1241.01'
242
limits
N0°03'25"E 2627.
50
AT HV5
25' PIPELINE AND UTILITY
EASEMENT PER 389 OR 455



① Composite Sample Taken

Samples Composited

44 Discrete Ar Samples

C:\Users\Dan\Documents\Drawings\2020\Artic Cold Ag Sampling Plan composit.dwg 10-10-20 08:57:59 AM Dan

buenaresources

ENVIRONMENTAL, CIVIL, & GENERAL CONTRACTING SERVICES

P.O. Box 2040, Santa Maria, CA 93457-2040
P 805.346.1766 F 805.346.1767

Artic Cold–Santa Maria Site

Ag Sampling Plan

DRAWN BY	DATE	JOB NO.
DPR	DPR	
CHECKED BY	SCALE 1:5000	SHEET 1 OF 1

APPENDIX B

Lab Spreadsheet & CHHSLs

Buena Resources, Inc.

1750 E. Betteravia Rd. Ag Soil Investigation Project

Laboratory Summary

September 2020

Constituent	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Duplicate	CHHSLs (mg/kg)	HHRA Note 3 (mg/kg)
Depth of Sample	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"		
Chlorinated Pesticides (8081A)-mg/k																
alpha-BHC	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		
alpha-Chlordane	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		
Aldrin	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		
beta-BHC	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		
delta-BHC	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		
4,4'-DDD	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		
4,4'-DDE	0.0066	0.011	0.0072	0.013	0.0082	0.0067	0.0074	0.0099	0.0065	0.012	0.0092	0.0072	0.0059	0.0058	6.3	9.3
4,4'-DDT	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016		
Dieldrin	0.011	0.0046	0.0081	0.0091	0.0082	0.0082	0.0074	0.019	0.012	0.03	0.02	0.014	0.0092	0.0081	0.13	0.093
Endosulfan I	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017		
Endosulfan II	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		
Endosulfan Sulfate	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		
Endrin	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		
Endrin aldehyde	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		
Endrin ketone	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		
gamma-BHC	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		
gamma-Chlordane	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		
Heptachlor	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		
Heptachlor epoxide	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		
Methoxychlor	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		
Chlordane (tech)	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10		
Toxaphene	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16		
Arsenic-mg/kg	2	2	1.8	1.9	1.6	1.5	1.7	1.6	1.5	1.4	1.3	1.4	1.5	1.5	12	0.36

California Human Health Screening Levels Supplied by the California Department of Toxics

Buena Resources, Inc.

1750 E. Betteravia Rd. Ag Soil Investigation Project

Discrete Arsenic Samples-Laboratory Summary

October 2020

Constituent	#4	#8	#12	#16	#20	#24	#28	#32	#36	#40	#44	#48	#50	Duplicate #44	CHHSLs (mg/kg)	HHRA Note 3 (mg/kg)
Depth of Sample	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"	0-6"		
Arsenic-mg/kg	<0.95	<0.93	<0.99	<0.94	<0.99	<0.94	<0.93	<0.92	<0.94	<0.92	<0.92	<0.99	<0.94	<0.91	12	0.36

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Residential Soil (mg/kg), Cancer Endpoint	Reference for Screening Level for Residential Soil, Cancer Endpoint,	Screening Level for Residential Soil (mg/kg), Noncancer Endpoint	Reference for Screening Level for Residential Soil, Noncancer Endpoint	Screening Level for Commercial/ Industrial Soil (mg/kg), Cancer Endpoint	Reference for Screening Level for Commercial/ Industrial Soil, Cancer Endpoint,	Screening Level for Commercial/ Industrial Soil (mg/kg), Noncancer Endpoint	Reference for Screening Level for Commercial/ Industrial Soil, Noncancer Endpoint
Diallate	2303-16-4	8.9	USEPA RSL	--	--	24	DTSC-SL	--	--
Diazinon	333-41-5	--	--	44	USEPA RSL	--	--	370	DTSC-SL
Dibenz[a,h]anthracene	53-70-3	0.028	DTSC-SL	--	--	0.31	DTSC-SL	--	--
Dibenzo[a,e]pyrene	192-65-4	0.042	USEPA RSL	--	--	0.11	DTSC-SL	--	--
Dibenzofuran	132-64-9	--	--	66	DTSC-SL	--	--	650	DTSC-SL
Dibenzothiophene	132-65-0	--	--	760	DTSC-SL	--	--	10000	DTSC-SL
Dibutyltin Compounds	E1790660	--	--	19	USEPA RSL	--	--	160	DTSC-SL
Dicamba	1918-00-9	--	--	1900	USEPA RSL	--	--	16000	DTSC-SL
Dichloroacetic acid	79-43-6	11	USEPA RSL	250	USEPA RSL	30	DTSC-SL	2100	DTSC-SL
Dichlorvos	62-73-7	1.9	USEPA RSL	32	USEPA RSL	5.1	DTSC-SL	260	DTSC-SL
Dicrotophos	141-66-2	--	--	1.9	USEPA RSL	--	--	16	DTSC-SL
Dieldrin	60-57-1	0.034	USEPA RSL	3.2	USEPA RSL	0.093	DTSC-SL	26	DTSC-SL
Diethanolamine	111-42-2	--	--	130	USEPA RSL	--	--	1100	DTSC-SL
Diethyl phthalate	84-66-2	--	--	51000	USEPA RSL	--	--	420000	DTSC-SL
Diethylene glycol monobutyl Ether	112-34-5	--	--	1900	USEPA RSL	--	--	15000	DTSC-SL
Diethylene glycol monoethyl Ether	111-90-0	--	--	3800	USEPA RSL	--	--	31000	DTSC-SL
Diethylformamide	617-84-5	--	--	69	DTSC-SL	--	--	790	DTSC-SL
Diethylstilbestrol	56-53-1	0.0016	USEPA RSL	--	--	0.0042	DTSC-SL	--	--
Difenzoquat	43222-48-6	--	--	5200	USEPA RSL	--	--	44000	DTSC-SL
Diflubenzuron	35367-38-5	--	--	1300	USEPA RSL	--	--	11000	DTSC-SL
diisopropyl Methylphosphonate	1445-75-6	--	--	4200	DTSC-SL	--	--	34000	DTSC-SL
Dimethipin	55290-64-7	--	--	1400	USEPA RSL	--	--	12000	DTSC-SL
Dimethoate	60-51-5	--	--	140	USEPA RSL	--	--	1200	DTSC-SL
Dimethyl methylphosphonate	756-79-6	320	USEPA RSL	3800	USEPA RSL	870	DTSC-SL	32000	DTSC-SL
Dimethyl terephthalate	120-61-6	--	--	4200	DTSC-SL	--	--	28000	DTSC-SL
di-n-Butyl Phthalate	84-74-2	--	--	6300	USEPA RSL	--	--	53000	DTSC-SL
Dinitrotoluenes	25321-14-6	1.2	USEPA RSL	57	USEPA RSL	3.3	DTSC-SL	480	DTSC-SL
di-n-Octyl Phthalate	117-84-0	--	--	630	USEPA RSL	--	--	5300	DTSC-SL
Dinoseb	88-85-7	--	--	63	USEPA RSL	--	--	530	DTSC-SL
Diphenamid	957-51-7	--	--	1900	USEPA RSL	--	--	16000	DTSC-SL
Diphenyl Sulfone	127-63-9	--	--	51	USEPA RSL	--	--	420	DTSC-SL
Diphenylamine	122-39-4	--	--	6300	USEPA RSL	--	--	53000	DTSC-SL
Diphenyl-p-phenylenediamine	74-31-7	--	--	19	USEPA RSL	--	--	160	DTSC-SL

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Residential Soil (mg/kg), Cancer Endpoint	Reference for Screening Level for Residential Soil, Cancer Endpoint,	Screening Level for Residential Soil (mg/kg), Noncancer Endpoint	Reference for Screening Level for Residential Soil, Noncancer Endpoint	Screening Level for Commercial/ Industrial Soil (mg/kg), Cancer Endpoint	Reference for Screening Level for Commercial/ Industrial Soil, Cancer Endpoint,	Screening Level for Commercial/ Industrial Soil (mg/kg), Noncancer Endpoint	Reference for Screening Level for Commercial/ Industrial Soil, Noncancer Endpoint
2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester Sulfite	140-57-8	22	USEPA RSL	3200	USEPA RSL	59	DTSC-SL	26000	DTSC-SL
2-Chloronaphthalene	91-58-7	--	--	4100	DTSC-SL	--	--	27000	DTSC-SL
2-Chloronitrobenzene	88-73-3	1.8	USEPA RSL	190	USEPA RSL	4.9	DTSC-SL	1500	DTSC-SL
2-Chlorophenol	95-57-8	--	--	340	DTSC-SL	--	--	3900	DTSC-SL
2-Chlorotoluene	95-49-8	--	--	470	DTSC-SL	--	--	2500	DTSC-SL
2-Mercaptobenzothiazole	149-30-4	49	USEPA RSL	250	USEPA RSL	130	DTSC-SL	2100	DTSC-SL
2-Methoxy-5-nitroaniline	99-59-2	11	USEPA RSL	--	--	30	DTSC-SL	--	--
2-Methyl-1,4-benzenediamine dihydrochloride	615-45-2	--	--	19	USEPA RSL	--	--	160	DTSC-SL
2-Methyl-5-nitroaniline	99-55-8	60	USEPA RSL	1300	USEPA RSL	160	DTSC-SL	11000	DTSC-SL
2-Methylaniline hydrochloride	636-21-5	4.2	USEPA RSL	--	--	11	DTSC-SL	--	--
2-Methylbenzene,1-4-diamine monohydrochloride	74612-12-7	--	--	13	USEPA RSL	--	--	110	DTSC-SL
2-Methylbenzene-1,4-diamine sulfate	615-50-9	5.4	USEPA RSL	19	USEPA RSL	15	DTSC-SL	160	DTSC-SL
2-Methylnaphthalene	91-57-6	--	--	190	DTSC-SL	--	--	1300	DTSC-SL
2-Methylphenol	95-48-7	--	--	3200	USEPA RSL	--	--	26000	DTSC-SL
2-Naphthylamine	91-59-8	0.3	USEPA RSL	--	--	0.82	DTSC-SL	--	--
2-Nitroaniline	88-74-4	--	--	630	USEPA RSL	--	--	5200	DTSC-SL
2-Nitrotoluene	88-72-2	2.2	DTSC-SL	62	DTSC-SL	10	DTSC-SL	710	DTSC-SL
2-Phenylphenol	90-43-7	280	USEPA RSL	--	--	760	DTSC-SL	--	--
3,3'-Dichlorobenzidine	91-94-1	0.45	DTSC-SL	--	--	1.2	DTSC-SL	--	--
3,3'-Dimethoxybenzidine	119-90-4	0.34	USEPA RSL	--	--	0.93	DTSC-SL	--	--
3,3'-Dimethylbenzidine	119-93-7	0.049	USEPA RSL	--	--	0.13	DTSC-SL	--	--
3,4-Dimethylphenol	95-65-8	--	--	63	USEPA RSL	--	--	530	DTSC-SL
3-Methylcholanthrene	56-49-5	0.0055	USEPA RSL	--	--	0.067	DTSC-SL	--	--
3-Methylphenol	108-39-4	--	--	3200	USEPA RSL	--	--	26000	DTSC-SL
3-Nitrotoluene	99-08-1	--	--	6.3	USEPA RSL	--	--	53	DTSC-SL
4-(2-Methyl-4-chlorophenoxy)butyric acid	94-81-5	--	--	280	USEPA RSL	--	--	2300	DTSC-SL
4,4'-DDD	72-54-8	2.3	USEPA RSL	1.9	USEPA RSL	6.2	DTSC-SL	16	DTSC-SL
4,4'-DDE	72-55-9	2	USEPA RSL	23	USEPA RSL	9.3	USEPA RSL	340	DTSC-SL
4,4'-DDT	50-29-3	1.9	USEPA RSL	37	USEPA RSL	7.1	DTSC-SL	430	DTSC-SL

Analyte	Chemical Abstracts Service Registry Number	Screening Level for Residential Soil (mg/kg), Cancer Endpoint	Reference for Screening Level for Residential Soil, Cancer Endpoint,	Screening Level for Residential Soil (mg/kg), Noncancer Endpoint	Reference for Screening Level for Residential Soil, Noncancer Endpoint	Screening Level for Commercial/ Industrial Soil (mg/kg), Cancer Endpoint	Reference for Screening Level for Commercial/ Industrial Soil, Cancer Endpoint,	Screening Level for Commercial/ Industrial Soil (mg/kg), Noncancer Endpoint	Reference for Screening Level for Commercial/ Industrial Soil, Noncancer Endpoint
alpha-HCH	319-84-6	0.086	USEPA RSL	510	USEPA RSL	0.24	DTSC-SL	4200	DTSC-SL
Ametryn	834-12-8	--	--	570	USEPA RSL	--	--	4800	DTSC-SL
Amitraz	33089-61-1	--	--	160	USEPA RSL	--	--	1300	DTSC-SL
Aniline	62-53-3	95	USEPA RSL	440	USEPA RSL	260	DTSC-SL	3700	DTSC-SL
Anthracene	120-12-7	--	--	17000	DTSC-SL	--	--	130000	DTSC-SL
Aroclor 1016	12674-11-2	6.6	USEPA RSL	4	DTSC-SL	17	DTSC-SL	29	DTSC-SL
Aroclor 1221	11104-28-2	0.2	USEPA RSL	--	--	0.53	DTSC-SL	--	--
Aroclor 1232	11141-16-5	0.17	USEPA RSL	--	--	0.49	DTSC-SL	--	--
Aroclor 1242	53469-21-9	0.23	USEPA RSL	--	--	0.58	DTSC-SL	--	--
Aroclor 1248	12672-29-6	0.23	USEPA RSL	--	--	0.58	DTSC-SL	--	--
Aroclor 1254	11097-69-1	0.24	USEPA RSL	1.2	USEPA RSL	0.59	DTSC-SL	8.4	DTSC-SL
Aroclor 1260	11096-82-5	0.24	USEPA RSL	--	--	0.6	DTSC-SL	--	--
Aroclor 5460	11126-42-4	--	--	35	USEPA RSL	--	--	260	DTSC-SL
Arsenic	7440-38-2	0.11	DTSC-SL	0.41	DTSC-SL	0.36	DTSC-SL	4.2	DTSC-SL
Asulam	3337-71-1	--	--	2300	USEPA RSL	--	--	19000	DTSC-SL
Atrazine	1912-24-9	2.4	USEPA RSL	2200	USEPA RSL	6.4	DTSC-SL	19000	DTSC-SL
Auramine	492-80-8	0.62	USEPA RSL	--	--	1.7	DTSC-SL	--	--
Avermectin B1a	65195-55-3	--	--	25	USEPA RSL	--	--	210	DTSC-SL
Azinphos-methyl	86-50-0	--	--	190	USEPA RSL	--	--	1600	DTSC-SL
Azodicarbonamide	123-77-3	--	--	8600	USEPA RSL	--	--	39000	DTSC-SL
Benfluralin	1861-40-1	--	--	370	DTSC-SL	--	--	4800	DTSC-SL
Benomyl	17804-35-2	--	--	3200	USEPA RSL	--	--	26000	DTSC-SL
Bensulfuron methyl	83055-99-6	--	--	13000	USEPA RSL	--	--	110000	DTSC-SL
Bentazon	25057-89-0	--	--	1900	USEPA RSL	--	--	16000	DTSC-SL
Benzaldehyde	100-52-7	46	DTSC-SL	4300	DTSC-SL	210	DTSC-SL	29000	DTSC-SL
Benzene	71-43-2	0.33	DTSC-SL	11	DTSC-SL	1.4	DTSC-SL	46	DTSC-SL
Benzidine	92-87-5	0.00024	DTSC-SL	190	USEPA RSL	0.003	DTSC-SL	1600	DTSC-SL
Benzo[a]anthracene	56-55-3	1.1	USEPA RSL	--	--	12	DTSC-SL	--	--
Benzo[a]pyrene	50-32-8	0.11	USEPA RSL	18	USEPA RSL	1.3	DTSC-SL	130	DTSC-SL
Benzo[b]fluoranthene	205-99-2	1.1	USEPA RSL	--	--	13	DTSC-SL	--	--
Benzo[j]fluoranthene	205-82-3	0.42	USEPA RSL	--	--	1.1	DTSC-SL	--	--
Benzo[k]fluoranthene	207-08-9	11	USEPA RSL	--	--	130	DTSC-SL	--	--
Benzoic acid	65-85-0	--	--	250000	USEPA RSL	--	--	2100000	DTSC-SL

Soil- and Soil-Gas Screening Numbers (California Human Health Screening Levels or CHHSLs)

Sep 23, 2010

***** The following information on California Human Health Screening Levels is provided for historical purposes only. For chemical-specific screening levels for use in assessing contaminated sites, please refer to HHRA Note 3 (DTSC HERO).*****

Three updated tables of OEHHA Soil Screening Numbers.

Table 1 - Soil-Screening Numbers (mg/kg soil) for Nonvolatile Chemicals Based on Total Exposure to Contaminated Soil: Inhalation, Ingestion and Dermal Absorption.

Table 2 - Soil-Gas-Screening Numbers for Volatile Chemicals below Buildings Constructed With Engineered Fill below Sub-slab Gravel.

Table 3 - Soil-Gas-Screening Numbers for Volatile Chemicals below Buildings Constructed Without Engineered Fill below Sub-slab Gravel

Table 1.
Soil-**and Soil-Gas-**Screening Numbers (mg/kg soil) for Nonvolatile Chemicals Based on Total Exposure to Contaminated Soil: Inhalation, Ingestion and Dermal Absorption

Chemical	**Soil-Screening Number (mg per kg of dry soil)**			
	Residential Scenario		**Commercial/Industrial Scenario**	
Organic Acidic Chemicals		Basis[1]		Basis[1]
2, 4-D	6.9E+02	(nc)	7.7E+03	(nc)
2,4,5-T	5.5E+02	(nc)	6.1E+03	(nc)
Pentachlorophenol	4.4E+00	(ca)	1.3E+01	(ca)
Organic Neutral Chemicals				
Aldrin	3.3E-02	(ca)	1.3E-01	(ca)
Benzo(a)pyrene	3.8E-02	(ca)	1.3E-01	(ca)
Chlordane	4.3E-01	(ca)	1.7E+00	(ca)
DDD	2.3E+00	(ca)	9.0E+00	(ca)
DDE	1.6E+00	(ca)	6.3E+00	(ca)
DDT	1.6E+00	(ca)	6.3E+00	(ca)
Dieldrin	3.5E-02	(ca)	1.3E-01	(ca)
1,4-Dioxane	1.8E+01	(ca)	6.4E+01	(ca)
Dioxin (2,3,7, 8-TCDD)	4.6E-06	(ca)	1.9E-05	(ca)
Endrin	2.1E+01	(nc)	2.3E+02	(nc)

Table 2.
Soil-Gas-Screening Numbers for Volatile Chemicals below Buildings Constructed with Engineered Fill below Sub-slab Gravel

Chemical	Soil-Gas-Screening Number (µg per liter of soil gas)			
	Residential Scenario		Commercial/Industrial Scenario	
		Basis[1]		Basis[1]
Benzene	8.5 E-02	(ca)[2]	2.8 E-01	(ca)
Carbon Tetrachloride	6.3 E-02	(ca)	2.1 E-01	(ca)
1,2-Dichloroethane	1.1 E-01	(ca)	3.6 E-01	(ca)
cis-1,2-Dichloroethylene	4.1 E+01	(nc)[2]	1.2 E+02	(nc)
trans-1,2-Dichloroethylene	8.4 E+01	(nc)	2.4 E+02	(nc)
Ethylbenzene	**1.1 E+00[4]**	(ca)	**3.6 E+00[4]**	(ca)
Mercury (elemental)	2.0 E-01	(nc)	5.6 E-01	(nc)
Methyl *tert*-Butyl Ether	8.6 E+00	(ca)	2.9 E+01	(ca)
Naphthalene	9.3 E-02	(ca)	3.1 E-01	(ca)
Tetrachloroethylene	4.7 E-01	(ca)	1.6 E+00	(ca)
Tetraethyl Lead	1.6 E-03	(nc)	4.5 E-03	(nc)
Toluene	3.2 E+02	(nc)	8.9 E+02	(nc)
1,1,1-Trichloroethane	2.5 E+03	(nc)	7.0 E+03	(nc)
Trichloroethylene	1.3 E+00	(ca)	4.4 E+00	(ca)
Vinyl Chloride	2.8 E-02	(ca)	9.5 E-02	(ca)
m-Xylene	8.5 E+02	(nc)	2.4 E+03	(nc)
o-Xylene	7.4 E+02[3]	(nc)	2.1 E+03[3]	(nc)
p-Xylene	8.0 E+02	(nc)	2.2 E+03	(nc)

[1] (ca) denotes that the screening number is based on a carcinogenic potency factor, (nc) denotes that the screening number is based on a reference level in Table 3 for chronic toxic effects other than cancer, (max) denotes the screening number is based on the maximum concentration allowed, 100,000 mg/kg, and not toxicity.

[2] (ca) denotes that the screening number is based on a carcinogenic potency factor, (nc) denotes that the screening number is based on a reference level in Table 3 for chronic toxic effects other than cancer.

[3] Recommended soil-gas-screening number for xylenes. The representative value for xylenes is based on the calculated lowest health-protective one amongst the three isomers.

[4] Added in 2010

Table 3.
Soil-Gas-Screening Numbers for Volatile Chemicals below Buildings Constructed without Engineered Fill below Sub-slab Gravel

Chemical	Soil-Gas-Screening Number (µg per liter of soil gas)			
	Residential Scenario		Commercial/Industrial Scenario	
		Basis[1]		Basis[1]
Benzene	3.6 E-02	(ca)[2]	1.2 E-01	(ca)

Website

CALIFORNIA GRANTS PORTAL

*** 2019 Update: This document is provided for historical purposes only. For chemical-specific screening levels for use in assessing contaminated sites, please refer to HHRA Note 3 (DTSC HERO).***

California Human Health Screening Levels

Table 1. Soil Screening Numbers (mg/kg soil) for Nonvolatile Chemicals Based on Total Exposure to Contaminated Soil: Inhalation, Ingestion and Dermal Absorption.

Table 2. Soil-Gas-Screening Numbers for Volatile Chemicals below Buildings Constructed With Engineered Fill below Sub-slab Gravel.

Table 3. Soil-Gas-Screening Numbers for Volatile Chemicals below Buildings Constructed Without Engineered Fill below Sub-slab Gravel

Table 1. Soil Screening Numbers (mg/kg soil) for Nonvolatile Chemicals Based on Total Exposure to Contaminated Soil: Inhalation, Ingestion and Dermal Absorption

Chemical	Soil-Screening Number (mg per kg of dry soil)			
	Residential Scenario		Commercial/Industrial Scenario	
Organic Acidic Chemicals		Basis[1]		Basis[1]
2, 4-D	6.9E+02	(nc)	7.7E+03	(nc)
2,4,5-T	5.5E+02	(nc)	6.1E+03	(nc)
Pentachlorophenol	4.4E+00	(ca)	1.3E+01	(ca)
Organic Neutral Chemicals				
Aldrin	3.3E-02	(ca)	1.3E-01	(ca)
Benzo(a)pyrene	3.8E-02	(ca)	1.3E-01	(ca)
Chlordane	4.3E-01	(ca)	1.7E+00	(ca)
DDD	2.3E+00	(ca)	9.0E+00	(ca)
DDE	1.6E+00	(ca)	6.3E+00	(ca)
DDT	1.6E+00	(ca)	6.3E+00	(ca)
Dieldrin	3.3E-02	(ca)	1.3E-01	(ca)
1,4-Dioxane	1.8E+01	(ca)	6.4E+01	(ca)
Dioxin (2,3,7, 8-TCDD)	4.6E-06	(ca)	1.9E-05	(ca)
Endrin	2.1E+01	(nc)	2.3E+02	(nc)
Heptachlor	1.3E-01	(ca)	5.2E-01	(ca)
Lindane	5.0E-01	(ca)	2.0E+00	(ca)
Kepone	3.5E-02	(ca)	1.3E-01	(ca)
Methoxychlor	3.4E+02	(nc)	3.8E+03	(nc)
Mirex	3.1E-02	(ca)	1.2E-01	(ca)
PCBs	8.9E-02	(ca)	3.0E-01	(ca)
Toxaphene	4.6E-01	(ca)	1.8E+00	(ca)

levels of arsenic at a site are a concern, the agency with authority over remediation decisions should be consulted.

[3] These metal salts are significantly (greater than 10-fold) more toxic than the values for the metals in general. If it is known that this chemical was used at the site, the screening number for this chemical should be used instead of the screening number for the metal and its compounds.

[4] Revised in 2009, California Human Health Screening Levels for Beryllium.

[5] Revised in 2009, Revised California Human Health Screening Levels for Lead.

[6] Added in 2010, California Human Health Screening Levels for Perchlorate.

[7] While these CHHSLs are considered safe for exposure to perchlorate in soil, the potential for significant groundwater contamination from soil contaminated with perchlorate at the CHHSLs levels may exist, since the PHG level for drinking water is 6 ppb or 6 µg/L.

Table 3. Soil-Gas Screening Numbers for Volatile Chemicals below Buildings Constructed without Engineered Fill below Sub-slab Gravel

Chemical	Soil-Gas-Screening Number (µg per liter of soil gas)			
	Residential Scenario		Commercial/Industrial Scenario	
		Basis[1]		Basis[1]
Benzene	3.6 E-02	(ca)	1.2 E-01	(ca)
Carbon Tetrachloride	2.5 E-02	(ca)	8.5 E-02	(ca)
1,2-Dichloroethane	5.0 E-02	(ca)	1.7 E-01	(ca)
cis-1,2-Dichloroethylene	1.6 E+01	(nc)	4.4 E+01	(nc)
trans-1,2-Dichloroethylene	3.2 E+01	(nc)	8.9 E+01	(nc)
Ethylbenzene	**4.2 E-01**[2]	(ca)	**1.4 E+00**[2]	(ca)
Mercury (elemental)	4.5 E-02	(nc)	1.3 E-01	(nc)
Methyl *tert*-Butyl Ether	4.0 E+00	(ca)	1.3 E+01	(ca)
Naphthalene	3.2 E-02	(ca)	1.1 E-01	(ca)
Tetrachloroethylene	1.8 E-01	(ca)	6.0 E-01	(ca)
Tetraethyl Lead	2.1 E-04	(nc)	5.8 E-04	(nc)
Toluene	1.4 E+02	(nc)	3.8 E+02	(nc)
1,1,1-Trichloroethane	9.9 E+02	(nc)	2.8 E+03	(nc)
Trichloroethylene	5.3 E-01	(ca)	1.8 E+00	(ca)
Vinyl Chloride	1.3 E-02	(ca)	4.5 E-02	(ca)
m-Xylene	3.2 E+02	(nc)	8.9 E+02	(nc)
***o*-Xylene**	**3.2 E+02**[3]	(nc)	**8.8 E+02**[3]	(nc)
p-Xylene	3.2 E+02	(nc)	8.9 E+02	(nc)

[1] (ca) denotes that the screening number is based on a carcinogenic potency factor, (nc) denotes that the screening number is based on a reference level for chronic toxic effects other than cancer, (max) denotes the screening number is based on the maximum concentration allowed, 100,000 mg/kg, and not toxicity.

[2] Added in 2010, California Human Health Screening Levels for Ethylbenzene.

[3] Recommended soil-gas-screening number for xylenes. The representative value for xylenes is based on the calculated lowest health-protective one amongst the three isomers.

APPENDIX C

Laboratory and Chain of Custody Reports

Analytical Report

Oilfield Environmental & Compliance, Inc.

Dan Ringstmeyer
Buena Resources
P.O. Box 2040
Santa Maria, CA 93457-2040

OEC Work Order: **2004533**

Report Date: **September 24, 2020 13:43**

Project: **Buena Resources**

Number: Arctic Cold, LLC, Santa Maria Site

Enclosed is an analytical report for the above referenced project. The samples included in this report were received on September 14, 2020 16:05 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Authorized for release by:

Meredith Sprister, Project Manager

msprister@oecusa.com

Buena Resources	Project: Buena Resources	WO & Reported:
P.O. Box 2040	Project Number: Arctic Cold, LLC, Santa Maria Site	2004533
Santa Maria CA, 93457-2040	Project Manager: Dan Ringstmeyer	09/24/2020 13:43

Sample Summary

Sample ID	Laboratory ID	Client Matrix	Lab Matrix	Date Sampled	Date Received
#1	2004533-01	Solid	Solid	09/14/2020 14:26	09/14/2020 16:05
#2	2004533-02	Solid	Solid	09/14/2020 14:31	09/14/2020 16:05
#3	2004533-03	Solid	Solid	09/14/2020 14:40	09/14/2020 16:05
#4	2004533-04	Solid	Solid	09/14/2020 14:48	09/14/2020 16:05
#5	2004533-05	Solid	Solid	09/14/2020 14:55	09/14/2020 16:05
#6	2004533-06	Solid	Solid	09/14/2020 15:06	09/14/2020 16:05
#7	2004533-07	Solid	Solid	09/14/2020 15:11	09/14/2020 16:05
#8	2004533-08	Solid	Solid	09/14/2020 15:20	09/14/2020 16:05
#9	2004533-09	Solid	Solid	09/14/2020 15:25	09/14/2020 16:05
#10	2004533-10	Solid	Solid	09/14/2020 15:34	09/14/2020 16:05
#11	2004533-11	Solid	Solid	09/14/2020 15:40	09/14/2020 16:05
#12	2004533-12	Solid	Solid	09/14/2020 15:47	09/14/2020 16:05
#13	2004533-13	Solid	Solid	09/14/2020 15:52	09/14/2020 16:05
Duplicate	2004533-14	Solid	Solid	09/15/2020 12:30	09/14/2020 16:05

Sample Batch Preparation Summary

Analysis	Batch ID	Preparation Date/Time
Organochlorine Pesticides by GC/ECD/ECD		
8081A Pesticides	B0I0451	09/16/2020 16:00
Total Metals by ICP		
6010B Total	B0I0457	09/16/2020 09:31

Buena Resources	Project: Buena Resources	WO & Reported:
P.O. Box 2040	Project Number: Arctic Cold, LLC, Santa Maria Site	2004533
Santa Maria CA, 93457-2040	Project Manager: Dan Ringstmeyer	09/24/2020 13:43

Analytical Report for Samples

Sample ID : **#1**
Matrix : Solid
Lab ID : 2004533-01

Sampled : 09/14/20 14:26
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	2.0	0.92	1.8	mg/kg	1	B010457	09/16/20 19:21	EPA 6010B	
Organochlorine Pesticides by GC/ECD/ECD									R-05
alpha-BHC	ND	0.015	0.030	mg/kg	10	B010451	09/22/20 17:19	EPA 8081A	
alpha-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Aldrin	ND	0.015	0.030	"	"	"	"	"	
beta-BHC	ND	0.015	0.030	"	"	"	"	"	
delta-BHC	ND	0.015	0.030	"	"	"	"	"	
4,4'-DDD	ND	0.015	0.030	"	"	"	"	"	CCHI
4,4'-DDE	0.0066	0.0015	0.0030	"	1	"	09/21/20 13:38	"	
4,4'-DDT	ND	0.016	0.030	"	10	"	09/22/20 17:19	"	CCFL 8081
Dieldrin	0.011	0.0015	0.0030	"	1	"	09/21/20 13:38	"	
Endosulfan I	ND	0.017	0.030	"	10	"	09/22/20 17:19	"	
Endosulfan II	ND	0.015	0.030	"	"	"	"	"	
Endosulfan sulfate	ND	0.015	0.030	"	"	"	"	"	
Endrin	ND	0.015	0.030	"	"	"	"	"	
Endrin aldehyde	ND	0.015	0.030	"	"	"	"	"	
Endrin ketone	ND	0.016	0.030	"	"	"	"	"	
gamma-BHC	ND	0.015	0.030	"	"	"	"	"	
gamma-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Heptachlor	ND	0.015	0.030	"	"	"	"	"	
Heptachlor epoxide	ND	0.015	0.030	"	"	"	"	"	
Methoxychlor	ND	0.015	0.030	"	"	"	"	"	CCFL 8081
Chlordane (tech)	ND	0.10	0.20	"	"	"	"	"	
Toxaphene	ND	0.16	0.20	"	"	"	"	"	
Surrogate: Decachlorobiphenyl			*76 %*	*(22 - 180)*		"	*09/21/20 13:38*	"	
Surrogate: 2,4,5,6 Tetrachloro-m-xylene			*81 %*	*(12 - 133)*		"	"	"	

Buena Resources	Project: Buena Resources	WO & Reported:
P.O. Box 2040	Project Number: Arctic Cold, LLC, Santa Maria Site	2004533
Santa Maria CA, 93457-2040	Project Manager: Dan Ringstmeyer	09/24/2020 13:43

Analytical Report for Samples

Sample ID : **#2**
Matrix : Solid
Lab ID : 2004533-02

Sampled : 09/14/20 14:31
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	2.0	0.97	1.9	mg/kg	1	B0I0457	09/16/20 19:24	EPA 6010B	
Organochlorine Pesticides by GC/ECD/ECD									R-05
alpha-BHC	ND	0.015	0.030	mg/kg	10	B0I0451	09/22/20 17:38	EPA 8081A	
alpha-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Aldrin	ND	0.015	0.030	"	"	"	"	"	
beta-BHC	ND	0.015	0.030	"	"	"	"	"	
delta-BHC	ND	0.015	0.030	"	"	"	"	"	
4,4'-DDD	ND	0.015	0.030	"	"	"	"	"	CCHI
4,4'-DDE	0.011	0.0015	0.0030	"	1	"	09/21/20 13:59	"	
4,4'-DDT	ND	0.016	0.030	"	10	"	09/22/20 17:38	"	CCFL 8081
Dieldrin	0.0046	0.0015	0.0030	"	1	"	09/21/20 13:59	"	
Endosulfan I	ND	0.017	0.030	"	10	"	09/22/20 17:38	"	
Endosulfan II	ND	0.015	0.030	"	"	"	"	"	
Endosulfan sulfate	ND	0.015	0.030	"	"	"	"	"	
Endrin	ND	0.015	0.030	"	"	"	"	"	
Endrin aldehyde	ND	0.015	0.030	"	"	"	"	"	
Endrin ketone	ND	0.016	0.030	"	"	"	"	"	
gamma-BHC	ND	0.015	0.030	"	"	"	"	"	
gamma-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Heptachlor	ND	0.015	0.030	"	"	"	"	"	
Heptachlor epoxide	ND	0.015	0.030	"	"	"	"	"	
Methoxychlor	ND	0.015	0.030	"	"	"	"	"	CCFL 8081
Chlordane (tech)	ND	0.10	0.20	"	"	"	"	"	
Toxaphene	ND	0.16	0.20	"	"	"	"	"	
Surrogate: Decachlorobiphenyl			*71 %*	*(22 - 180)*		"	*09/21/20 13:59*	"	
Surrogate: 2,4,5,6 Tetrachloro-m-xylene			*77 %*	*(12 - 133)*		"	"	"	

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Analytical Report for Samples

Sample ID : **#3**
Matrix : Solid
Lab ID : 2004533-03

Sampled : 09/14/20 14:40
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	**1.8**	0.96	1.9	mg/kg	1	B010457	09/16/20 19:26	EPA 6010B	J
Organochlorine Pesticides by GC/ECD/ECD									R-05
alpha-BHC	ND	0.015	0.030	mg/kg	10	B010451	09/22/20 17:57	EPA 8081A	
alpha-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Aldrin	ND	0.015	0.030	"	"	"	"	"	
beta-BHC	ND	0.015	0.030	"	"	"	"	"	
delta-BHC	ND	0.015	0.030	"	"	"	"	"	
4,4'-DDD	ND	0.015	0.030	"	"	"	"	"	CCHI
4,4'-DDE	**0.0072**	0.0015	0.0030	"	1	"	09/21/20 14:37	"	
4,4'-DDT	ND	0.016	0.030	"	10	"	09/22/20 17:57	"	CCFL 8081
Dieldrin	**0.0081**	0.0015	0.0030	"	1	"	09/21/20 14:37	"	
Endosulfan I	ND	0.017	0.030	"	10	"	09/22/20 17:57	"	
Endosulfan II	ND	0.015	0.030	"	"	"	"	"	
Endosulfan sulfate	ND	0.015	0.030	"	"	"	"	"	
Endrin	ND	0.015	0.030	"	"	"	"	"	
Endrin aldehyde	ND	0.015	0.030	"	"	"	"	"	
Endrin ketone	ND	0.016	0.030	"	"	"	"	"	
gamma-BHC	ND	0.015	0.030	"	"	"	"	"	
gamma-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Heptachlor	ND	0.015	0.030	"	"	"	"	"	
Heptachlor epoxide	ND	0.015	0.030	"	"	"	"	"	
Methoxychlor	ND	0.015	0.030	"	"	"	"	"	CCFL 8081
Chlordane (tech)	ND	0.10	0.20	"	"	"	"	"	
Toxaphene	ND	0.16	0.20	"	"	"	"	"	
Surrogate: Decachlorobiphenyl			*73 %*	*(22 - 180)*		"	*09/21/20 14:37*	"	
Surrogate: 2,4,5,6 Tetrachloro-m-xylene			*81 %*	*(12 - 133)*		"	"	"	

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Santa Maria CA, 93457-2040	Project Manager: Dan Ringstmeyer	09/24/2020 13:43

Analytical Report for Samples

Sample ID : **#4**
Matrix : Solid
Lab ID : 2004533-04

Sampled : 09/14/20 14:48
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	1.9	0.92	1.8	mg/kg	1	B0I0457	09/16/20 19:29	EPA 6010B	
Organochlorine Pesticides by GC/ECD/ECD									R-05
alpha-BHC	ND	0.015	0.030	mg/kg	10	B0I0451	09/22/20 19:58	EPA 8081A	
alpha-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Aldrin	ND	0.015	0.030	"	"	"	"	"	
beta-BHC	ND	0.015	0.030	"	"	"	"	"	
delta-BHC	ND	0.015	0.030	"	"	"	"	"	
4,4'-DDD	ND	0.015	0.030	"	"	"	"	"	CCHI
4,4'-DDE	0.013	0.0015	0.0030	"	1	"	09/21/20 14:55	"	
4,4'-DDT	ND	0.016	0.030	"	10	"	09/22/20 19:58	"	CCFL 8081
Dieldrin	0.0091	0.0015	0.0030	"	1	"	09/21/20 14:55	"	
Endosulfan I	ND	0.017	0.030	"	10	"	09/22/20 19:58	"	
Endosulfan II	ND	0.015	0.030	"	"	"	"	"	
Endosulfan sulfate	ND	0.015	0.030	"	"	"	"	"	
Endrin	ND	0.015	0.030	"	"	"	"	"	
Endrin aldehyde	ND	0.015	0.030	"	"	"	"	"	
Endrin ketone	ND	0.016	0.030	"	"	"	"	"	
gamma-BHC	ND	0.015	0.030	"	"	"	"	"	
gamma-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Heptachlor	ND	0.015	0.030	"	"	"	"	"	
Heptachlor epoxide	ND	0.015	0.030	"	"	"	"	"	
Methoxychlor	ND	0.015	0.030	"	"	"	"	"	CCFL 8081
Chlordane (tech)	ND	0.10	0.20	"	"	"	"	"	
Toxaphene	ND	0.16	0.20	"	"	"	"	"	
Surrogate: Decachlorobiphenyl			*66 %*	*(22 - 180)*		"	*09/21/20 14:55*	"	
Surrogate: 2,4,5,6 Tetrachloro-m-xylene			*77 %*	*(12 - 133)*		"	"	"	

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Analytical Report for Samples

Sample ID : **#5**
Matrix : Solid
Lab ID : 2004533-05

Sampled : 09/14/20 14:55
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	1.6	0.97	1.9	mg/kg	1	B0I0457	09/16/20 19:40	EPA 6010B	J
Organochlorine Pesticides by GC/ECD/ECD									R-05
alpha-BHC	ND	0.015	0.030	mg/kg	10	B0I0451	09/22/20 20:16	EPA 8081A	
alpha-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Aldrin	ND	0.015	0.030	"	"	"	"	"	
beta-BHC	ND	0.015	0.030	"	"	"	"	"	
delta-BHC	ND	0.015	0.030	"	"	"	"	"	
4,4'-DDD	ND	0.015	0.030	"	"	"	"	"	CCHI
4,4'-DDE	0.0082	0.0015	0.0030	"	1	"	09/21/20 15:14	"	
4,4'-DDT	ND	0.016	0.030	"	10	"	09/22/20 20:16	"	CCFL 8081
Dieldrin	0.0082	0.0015	0.0030	"	1	"	09/21/20 15:14	"	
Endosulfan I	ND	0.017	0.030	"	10	"	09/22/20 20:16	"	
Endosulfan II	ND	0.015	0.030	"	"	"	"	"	
Endosulfan sulfate	ND	0.015	0.030	"	"	"	"	"	
Endrin	ND	0.015	0.030	"	"	"	"	"	
Endrin aldehyde	ND	0.015	0.030	"	"	"	"	"	
Endrin ketone	ND	0.016	0.030	"	"	"	"	"	
gamma-BHC	ND	0.015	0.030	"	"	"	"	"	
gamma-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Heptachlor	ND	0.015	0.030	"	"	"	"	"	
Heptachlor epoxide	ND	0.015	0.030	"	"	"	"	"	
Methoxychlor	ND	0.015	0.030	"	"	"	"	"	CCFL 8081
Chlordane (tech)	ND	0.10	0.20	"	"	"	"	"	
Toxaphene	ND	0.16	0.20	"	"	"	"	"	
Surrogate: Decachlorobiphenyl			*66 %*	*(22 - 180)*		"	*09/21/20 15:14*	"	
Surrogate: 2,4,5,6 Tetrachloro-m-xylene			*81 %*	*(12 - 133)*		"	"	"	

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Analytical Report for Samples

Sample ID : **#6**
Matrix : Solid
Lab ID : 2004533-06

Sampled : 09/14/20 15:06
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	1.5	0.99	2.0	mg/kg	1	B0I0457	09/16/20 19:42	EPA 6010B	J
Organochlorine Pesticides by GC/ECD/ECD									R-05
alpha-BHC	ND	0.015	0.030	mg/kg	10	B0I0451	09/22/20 20:35	EPA 8081A	
alpha-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Aldrin	ND	0.015	0.030	"	"	"	"	"	
beta-BHC	ND	0.015	0.030	"	"	"	"	"	
delta-BHC	ND	0.015	0.030	"	"	"	"	"	
4,4'-DDD	ND	0.015	0.030	"	"	"	"	"	CCHI
4,4'-DDE	0.0067	0.0015	0.0030	"	1	"	09/21/20 15:33	"	
4,4'-DDT	ND	0.016	0.030	"	10	"	09/22/20 20:35	"	CCFL 8081
Dieldrin	0.0082	0.0015	0.0030	"	1	"	09/21/20 15:33	"	
Endosulfan I	ND	0.017	0.030	"	10	"	09/22/20 20:35	"	
Endosulfan II	ND	0.015	0.030	"	"	"	"	"	
Endosulfan sulfate	ND	0.015	0.030	"	"	"	"	"	
Endrin	ND	0.015	0.030	"	"	"	"	"	
Endrin aldehyde	ND	0.015	0.030	"	"	"	"	"	
Endrin ketone	ND	0.016	0.030	"	"	"	"	"	
gamma-BHC	ND	0.015	0.030	"	"	"	"	"	
gamma-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Heptachlor	ND	0.015	0.030	"	"	"	"	"	
Heptachlor epoxide	ND	0.015	0.030	"	"	"	"	"	
Methoxychlor	ND	0.015	0.030	"	"	"	"	"	CCFL 8081
Chlordane (tech)	ND	0.10	0.20	"	"	"	"	"	
Toxaphene	ND	0.16	0.20	"	"	"	"	"	
Surrogate: Decachlorobiphenyl			*65 %*	*(22 - 180)*		"	*09/21/20 15:33*	"	
Surrogate: 2,4,5,6 Tetrachloro-m-xylene			*78 %*	*(12 - 133)*		"	"	"	

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Analytical Report for Samples

Sample ID : #7
Matrix : Solid
Lab ID : 2004533-07

Sampled : 09/14/20 15:11
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	1.7	0.95	1.9	mg/kg	1	B0I0457	09/16/20 19:45	EPA 6010B	J
Organochlorine Pesticides by GC/ECD/ECD									R-05
alpha-BHC	ND	0.015	0.030	mg/kg	10	B0I0451	09/22/20 20:54	EPA 8081A	
alpha-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Aldrin	ND	0.015	0.030	"	"	"	"	"	
beta-BHC	ND	0.015	0.030	"	"	"	"	"	
delta-BHC	ND	0.015	0.030	"	"	"	"	"	
4,4'-DDD	ND	0.015	0.030	"	"	"	"	"	CCHI
4,4'-DDE	0.0074	0.0015	0.0030	"	1	"	09/21/20 15:52	"	
4,4'-DDT	ND	0.016	0.030	"	10	"	09/22/20 20:54	"	CCFL 8081
Dieldrin	0.0074	0.0015	0.0030	"	1	"	09/21/20 15:52	"	
Endosulfan I	ND	0.017	0.030	"	10	"	09/22/20 20:54	"	
Endosulfan II	ND	0.015	0.030	"	"	"	"	"	
Endosulfan sulfate	ND	0.015	0.030	"	"	"	"	"	
Endrin	ND	0.015	0.030	"	"	"	"	"	
Endrin aldehyde	ND	0.015	0.030	"	"	"	"	"	
Endrin ketone	ND	0.016	0.030	"	"	"	"	"	
gamma-BHC	ND	0.015	0.030	"	"	"	"	"	
gamma-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Heptachlor	ND	0.015	0.030	"	"	"	"	"	
Heptachlor epoxide	ND	0.015	0.030	"	"	"	"	"	
Methoxychlor	ND	0.015	0.030	"	"	"	"	"	CCFL 8081
Chlordane (tech)	ND	0.10	0.20	"	"	"	"	"	
Toxaphene	ND	0.16	0.20	"	"	"	"	"	
Surrogate: Decachlorobiphenyl			*67 %*	*(22 - 180)*		"	*09/21/20 15:52*	"	
Surrogate: 2,4,5,6 Tetrachloro-m-xylene			*79 %*	*(12 - 133)*		"	"	"	

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Analytical Report for Samples

Sample ID : **#8**
Matrix : Solid
Lab ID : 2004533-08

Sampled : 09/14/20 15:20
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	1.6	0.92	1.8	mg/kg	1	B0I0457	09/16/20 19:47	EPA 6010B	J
Organochlorine Pesticides by GC/ECD/ECD									R-05
alpha-BHC	ND	0.015	0.030	mg/kg	10	B0I0451	09/22/20 21:12	EPA 8081A	
alpha-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Aldrin	ND	0.015	0.030	"	"	"	"	"	
beta-BHC	ND	0.015	0.030	"	"	"	"	"	
delta-BHC	ND	0.015	0.030	"	"	"	"	"	
4,4'-DDD	ND	0.015	0.030	"	"	"	"	"	CCH(
4,4'-DDE	0.0099	0.0015	0.0030	"	1	"	09/21/20 16:10	"	
4,4'-DDT	ND	0.016	0.030	"	10	"	09/22/20 21:12	"	CCFL 8081
Dieldrin	0.019	0.0015	0.0030	"	1	"	09/21/20 16:10	"	
Endosulfan I	ND	0.017	0.030	"	10	"	09/22/20 21:12	"	
Endosulfan II	ND	0.015	0.030	"	"	"	"	"	
Endosulfan sulfate	ND	0.015	0.030	"	"	"	"	"	
Endrin	ND	0.015	0.030	"	"	"	"	"	
Endrin aldehyde	ND	0.015	0.030	"	"	"	"	"	
Endrin ketone	ND	0.016	0.030	"	"	"	"	"	
gamma-BHC	ND	0.015	0.030	"	"	"	"	"	
gamma-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Heptachlor	ND	0.015	0.030	"	"	"	"	"	
Heptachlor epoxide	ND	0.015	0.030	"	"	"	"	"	
Methoxychlor	ND	0.015	0.030	"	"	"	"	"	CCFL 8081
Chlordane (tech)	ND	0.10	0.20	"	"	"	"	"	
Toxaphene	ND	0.16	0.20	"	"	"	"	"	
Surrogate: Decachlorobiphenyl			*63 %*	*(22 - 180)*		"	*09/21/20 16:10*	"	
Surrogate: 2,4,5,6 Tetrachloro-m-xylene			*77 %*	*(12 - 133)*		"	"	"	

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Santa Maria CA, 93457-2040	Project Manager: Dan Ringstmeyer	09/24/2020 13:43

Analytical Report for Samples

Sample ID : **#9**
Matrix : Solid
Lab ID : 2004533-09

Sampled : 09/14/20 15:25
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	1.5	0.95	1.9	mg/kg	1	B0I0457	09/16/20 19:50	EPA 6010B	J
Organochlorine Pesticides by GC/ECD/ECD									R-05
alpha-BHC	ND	0.015	0.030	mg/kg	10	B0I0451	09/22/20 21:31	EPA 8081A	
alpha-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Aldrin	ND	0.015	0.030	"	"	"	"	"	
beta-BHC	ND	0.015	0.030	"	"	"	"	"	
delta-BHC	ND	0.015	0.030	"	"	"	"	"	
4,4'-DDD	ND	0.015	0.030	"	"	"	"	"	CCHI
4,4'-DDE	0.0065	0.0015	0.0030	"	1	"	09/21/20 18:03	"	
4,4'-DDT	ND	0.016	0.030	"	10	"	09/22/20 21:31	"	CCFL 8081
Dieldrin	0.012	0.0015	0.0030	"	1	"	09/21/20 18:03	"	
Endosulfan I	ND	0.017	0.030	"	10	"	09/22/20 21:31	"	
Endosulfan II	ND	0.015	0.030	"	"	"	"	"	
Endosulfan sulfate	ND	0.015	0.030	"	"	"	"	"	
Endrin	ND	0.015	0.030	"	"	"	"	"	
Endrin aldehyde	ND	0.015	0.030	"	"	"	"	"	
Endrin ketone	ND	0.016	0.030	"	"	"	"	"	
gamma-BHC	ND	0.015	0.030	"	"	"	"	"	
gamma-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Heptachlor	ND	0.015	0.030	"	"	"	"	"	
Heptachlor epoxide	ND	0.015	0.030	"	"	"	"	"	
Methoxychlor	ND	0.015	0.030	"	"	"	"	"	CCFL 8081
Chlordane (tech)	ND	0.10	0.20	"	"	"	"	"	
Toxaphene	ND	0.16	0.20	"	"	"	"	"	
Surrogate: Decachlorobiphenyl			*60 %*	*(22 - 180)*		"	*09/21/20 18:03*	"	
Surrogate: 2,4,5,6 Tetrachloro-m-xylene			*77 %*	*(12 - 133)*		"	"	"	

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Analytical Report for Samples

Sample ID : **#10**
Matrix : Solid
Lab ID : 2004533-10

Sampled : 09/14/20 15:34
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	1.4	0.98	2.0	mg/kg	1	B0I0457	09/16/20 19:52	EPA 6010B	J
Organochlorine Pesticides by GC/ECD/ECD									R-05
alpha-BHC	ND	0.015	0.030	mg/kg	10	B0I0451	09/22/20 21:49	EPA 8081A	
alpha-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Aldrin	ND	0.015	0.030	"	"	"	"	"	
beta-BHC	ND	0.015	0.030	"	"	"	"	"	
delta-BHC	ND	0.015	0.030	"	"	"	"	"	
4,4'-DDD	ND	0.015	0.030	"	"	"	"	"	CCHI
4,4'-DDE	0.012	0.0015	0.0030	"	1	"	09/21/20 14:18	"	
4,4'-DDT	ND	0.016	0.030	"	10	"	09/22/20 21:49	"	CCFL 8081
Dieldrin	0.030	0.0060	0.012	"	4	"	09/21/20 17:44	"	
Endosulfan I	ND	0.017	0.030	"	10	"	09/22/20 21:49	"	
Endosulfan II	ND	0.015	0.030	"	"	"	"	"	
Endosulfan sulfate	ND	0.015	0.030	"	"	"	"	"	
Endrin	ND	0.015	0.030	"	"	"	"	"	
Endrin aldehyde	ND	0.015	0.030	"	"	"	"	"	
Endrin ketone	ND	0.016	0.030	"	"	"	"	"	
gamma-BHC	ND	0.015	0.030	"	"	"	"	"	
gamma-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Heptachlor	ND	0.015	0.030	"	"	"	"	"	
Heptachlor epoxide	ND	0.015	0.030	"	"	"	"	"	
Methoxychlor	ND	0.015	0.030	"	"	"	"	"	CCFL 8081
Chlordane (tech)	ND	0.10	0.20	"	"	"	"	"	
Toxaphene	ND	0.16	0.20	"	"	"	"	"	
Surrogate: Decachlorobiphenyl			*71 %*	*(22 - 180)*		"	*09/21/20 14:18*	"	
Surrogate: 2,4,5,6 Tetrachloro-m-xylene			*84 %*	*(12 - 133)*		"	"	"	

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Buena Resources	Project: Buena Resources	WO & Reported:
P.O. Box 2040	Project Number: Arctic Cold, LLC, Santa Maria Site	2004533
Santa Maria CA, 93457-2040	Project Manager: Dan Ringstmeyer	09/24/2020 13:43

Analytical Report for Samples

Sample ID : **#11**
Matrix : Solid
Lab ID : 2004533-11

Sampled : 09/14/20 15:40
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	1.3	0.96	1.9	mg/kg	1	B010457	09/16/20 19:55	EPA 6010B	J
Organochlorine Pesticides by GC/ECD/ECD									R-05
alpha-BHC	ND	0.0060	0.012	mg/kg	4	B010451	09/22/20 17:01	EPA 8081A	
alpha-Chlordane	ND	0.0060	0.012	"	"	"	"	"	
Aldrin	ND	0.0060	0.012	"	"	"	"	"	
beta-BHC	ND	0.0060	0.012	"	"	"	"	"	
delta-BHC	ND	0.0060	0.012	"	"	"	"	"	
4,4'-DDD	ND	0.0060	0.012	"	"	"	"	"	CCHI
4,4'-DDE	0.0092	0.0015	0.0030	"	1	"	09/21/20 18:21	"	
4,4'-DDT	ND	0.0064	0.012	"	4	"	09/22/20 17:01	"	CCFL 8081
Dieldrin	0.020	0.0060	0.012	"	"	"	"	"	
Endosulfan I	ND	0.0068	0.012	"	"	"	"	"	
Endosulfan II	ND	0.0060	0.012	"	"	"	"	"	
Endosulfan sulfate	ND	0.0060	0.012	"	"	"	"	"	
Endrin	ND	0.0060	0.012	"	"	"	"	"	
Endrin aldehyde	ND	0.0060	0.012	"	"	"	"	"	
Endrin ketone	ND	0.0064	0.012	"	"	"	"	"	
gamma-BHC	ND	0.0060	0.012	"	"	"	"	"	
gamma-Chlordane	ND	0.0060	0.012	"	"	"	"	"	
Heptachlor	ND	0.0060	0.012	"	"	"	"	"	
Heptachlor epoxide	ND	0.0060	0.012	"	"	"	"	"	
Methoxychlor	ND	0.0060	0.012	"	"	"	"	"	CCFL 8081
Chlordane (tech)	ND	0.040	0.080	"	"	"	"	"	
Toxaphene	ND	0.064	0.080	"	"	"	"	"	
Surrogate: Decachlorobiphenyl			*63 %*	*(22 - 180)*		"	*09/21/20 18:21*	"	
Surrogate: 2,4,5,6 Tetrachloro-m-xylene			*82 %*	*(12 - 133)*		"	"	"	

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Buena Resources	Project: Buena Resources	WO & Reported:
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Santa Maria CA, 93457-2040	Project Manager: Dan Ringstmeyer	09/24/2020 13:43

Analytical Report for Samples

Sample ID : **#12**
Matrix : Solid
Lab ID : 2004533-12

Sampled : 09/14/20 15:47
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	1.4	0.95	1.9	mg/kg	1	B0I0457	09/16/20 19:58	EPA 6010B	J
Organochlorine Pesticides by GC/ECD/ECD									R-05
alpha-BHC	ND	0.015	0.030	mg/kg	10	B0I0451	09/22/20 22:08	EPA 8081A	
alpha-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Aldrin	ND	0.015	0.030	"	"	"	"	"	
beta-BHC	ND	0.015	0.030	"	"	"	"	"	
delta-BHC	ND	0.015	0.030	"	"	"	"	"	
4,4'-DDD	ND	0.015	0.030	"	"	"	"	"	CCHI
4,4'-DDE	0.0072	0.0015	0.0030	"	1	"	09/21/20 18:40	"	
4,4'-DDT	ND	0.016	0.030	"	10	"	09/22/20 22:08	"	CCFL 8081
Dieldrin	0.014	0.0015	0.0030	"	1	"	09/21/20 18:40	"	
Endosulfan I	ND	0.017	0.030	"	10	"	09/22/20 22:08	"	
Endosulfan II	ND	0.015	0.030	"	"	"	"	"	
Endosulfan sulfate	ND	0.015	0.030	"	"	"	"	"	
Endrin	ND	0.015	0.030	"	"	"	"	"	
Endrin aldehyde	ND	0.015	0.030	"	"	"	"	"	
Endrin ketone	ND	0.016	0.030	"	"	"	"	"	
gamma-BHC	ND	0.015	0.030	"	"	"	"	"	
gamma-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Heptachlor	ND	0.015	0.030	"	"	"	"	"	
Heptachlor epoxide	ND	0.015	0.030	"	"	"	"	"	
Methoxychlor	ND	0.015	0.030	"	"	"	"	"	CCFL 8081
Chlordane (tech)	ND	0.10	0.20	"	"	"	"	"	
Toxaphene	ND	0.16	0.20	"	"	"	"	"	
Surrogate: Decachlorobiphenyl			*59 %*	*(22 - 180)*		"	*09/21/20 18:40*	"	
Surrogate: 2,4,5,6 Tetrachloro-m-xylene			*80 %*	*(12 - 133)*		"	"	"	

Buena Resources	Project: Buena Resources	WO & Reported:
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Santa Maria CA, 93457-2040	Project Manager: Dan Ringstmeyer	09/24/2020 13:43

Analytical Report for Samples

Sample ID : **#13**
Matrix : Solid
Lab ID : 2004533-13

Sampled : 09/14/20 15:52
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	1.5	0.97	1.9	mg/kg	1	B0I0457	09/16/20 20:00	EPA 6010B	J
Organochlorine Pesticides by GC/ECD/ECD									R-05
alpha-BHC	ND	0.015	0.030	mg/kg	10	B0I0451	09/22/20 22:27	EPA 8081A	
alpha-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Aldrin	ND	0.015	0.030	"	"	"	"	"	
beta-BHC	ND	0.015	0.030	"	"	"	"	"	
delta-BHC	ND	0.015	0.030	"	"	"	"	"	
4,4'-DDD	ND	0.015	0.030	"	"	"	"	"	CCHI
4,4'-DDE	0.0059	0.0015	0.0030	"	1	"	09/21/20 18:59	"	
4,4'-DDT	ND	0.016	0.030	"	10	"	09/22/20 22:27	"	CCFL 8081
Dieldrin	0.0092	0.0015	0.0030	"	1	"	09/21/20 18:59	"	
Endosulfan I	ND	0.017	0.030	"	10	"	09/22/20 22:27	"	
Endosulfan II	ND	0.015	0.030	"	"	"	"	"	
Endosulfan sulfate	ND	0.015	0.030	"	"	"	"	"	
Endrin	ND	0.015	0.030	"	"	"	"	"	
Endrin aldehyde	ND	0.015	0.030	"	"	"	"	"	
Endrin ketone	ND	0.016	0.030	"	"	"	"	"	
gamma-BHC	ND	0.015	0.030	"	"	"	"	"	
gamma-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Heptachlor	ND	0.015	0.030	"	"	"	"	"	
Heptachlor epoxide	ND	0.015	0.030	"	"	"	"	"	
Methoxychlor	ND	0.015	0.030	"	"	"	"	"	CCFL 8081
Chlordane (tech)	ND	0.10	0.20	"	"	"	"	"	
Toxaphene	ND	0.16	0.20	"	"	"	"	"	
Surrogate: Decachlorobiphenyl			*60 %*	*(22 - 180)*		"	*09/21/20 18:59*	"	
Surrogate: 2,4,5,6 Tetrachloro-m-xylene			*73 %*	*(12 - 133)*		"	"	"	

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Analytical Report for Samples

Sample ID : **Duplicate**
Matrix : Solid
Lab ID : 2004533-14

Sampled : 09/15/20 12:30
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	1.5	0.96	1.9	mg/kg	1	B0I0457	09/16/20 20:03	EPA 6010B	J
Organochlorine Pesticides by GC/ECD/ECD									R-05
alpha-BHC	ND	0.015	0.030	mg/kg	10	B0I0451	09/22/20 22:46	EPA 8081A	
alpha-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Aldrin	ND	0.015	0.030	"	"	"	"	"	
beta-BHC	ND	0.015	0.030	"	"	"	"	"	
delta-BHC	ND	0.015	0.030	"	"	"	"	"	
4,4'-DDD	ND	0.015	0.030	"	"	"	"	"	CCHI
4,4'-DDE	0.0058	0.0015	0.0030	"	1	"	09/21/20 19:17	"	
4,4'-DDT	ND	0.016	0.030	"	10	"	09/22/20 22:46	"	CCFL 8081
Dieldrin	0.0081	0.0015	0.0030	"	1	"	09/21/20 19:17	"	
Endosulfan I	ND	0.017	0.030	"	10	"	09/22/20 22:46	"	
Endosulfan II	ND	0.015	0.030	"	"	"	"	"	
Endosulfan sulfate	ND	0.015	0.030	"	"	"	"	"	
Endrin	ND	0.015	0.030	"	"	"	"	"	
Endrin aldehyde	ND	0.015	0.030	"	"	"	"	"	
Endrin ketone	ND	0.016	0.030	"	"	"	"	"	
gamma-BHC	ND	0.015	0.030	"	"	"	"	"	
gamma-Chlordane	ND	0.015	0.030	"	"	"	"	"	
Heptachlor	ND	0.015	0.030	"	"	"	"	"	
Heptachlor epoxide	ND	0.015	0.030	"	"	"	"	"	
Methoxychlor	ND	0.015	0.030	"	"	"	"	"	CCFL 8081
Chlordane (tech)	ND	0.10	0.20	"	"	"	"	"	
Toxaphene	ND	0.16	0.20	"	"	"	"	"	
Surrogate: Decachlorobiphenyl			*57 %*	*(22 - 180)*		"	*09/21/20 19:17*	"	
Surrogate: 2,4,5,6 Tetrachloro-m-xylene			*80 %*	*(12 - 133)*		"	"	"	

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Santa Maria CA, 93457-2040	Project Manager: Dan Ringstmeyer	09/24/2020 13:43

Total Metals by ICP - Quality Control

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B0I0457 - EPA 6010B Preparation: EPA 3050B 09/16/20 09:31											
Blank (B0I0457-BLK1)				Analyzed: 09/16/20 19:05							
Arsenic	ND	1.0	2.0	mg/kg							
LCS (B0I0457-BS1)				Analyzed: 09/16/20 18:46							
Arsenic	99.1	1.0	2.0	mg/kg	100		99	80-120			
LCS Dup (B0I0457-BSD1)				Analyzed: 09/16/20 18:49							
Arsenic	105	1.0	2.0	mg/kg	100		105	80-120	6	20	
Duplicate (B0I0457-DUP1)	**Source: 2004545-01**			Analyzed: 09/16/20 19:18							
Arsenic	6.45	0.92	1.8	mg/kg		7.61			17	20	
Matrix Spike (B0I0457-MS1)	**Source: 2004545-01**			Analyzed: 09/16/20 18:51							
Arsenic	101	0.98	2.0	mg/kg	98.2	7.61	95	83-116			
Matrix Spike Dup (B0I0457-MSD1)	**Source: 2004545-01**			Analyzed: 09/16/20 18:54							
Arsenic	97.0	0.95	1.9	mg/kg	95.1	7.61	94	83-116	4	20	
Post Spike (B0I0457-PS1)	**Source: 2004545-01**			Analyzed: 09/16/20 19:10							
Arsenic	99.9	0.97	1.9	mg/kg	97.4	7.61	95	75-125			

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Organochlorine Pesticides by GC/ECD/ECD - Quality Control

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B0I0451 - EPA 8081A Preparation: EPA 3550C 09/16/20 16:00											
Blank (B0I0451-BLK1)			Analyzed: 09/17/20 16:00								C-06
alpha-BHC	ND	0.0015	0.0030	mg/kg							
alpha-Chlordane	ND	0.0015	0.0030	"							
Aldrin	ND	0.0015	0.0030	"							
beta-BHC	ND	0.0015	0.0030	"							
delta-BHC	ND	0.0015	0.0030	"							
4,4'-DDD	ND	0.0015	0.0030	"							
4,4'-DDE	ND	0.0015	0.0030	"							
4,4'-DDT	ND	0.0016	0.0030	"							CCFL 8081
Dieldrin	ND	0.0015	0.0030	"							
Endosulfan I	ND	0.0017	0.0030	"							
Endosulfan II	ND	0.0015	0.0030	"							
Endosulfan sulfate	ND	0.0015	0.0030	"							
Endrin	ND	0.0015	0.0030	"							
Endrin aldehyde	ND	0.0015	0.0030	"							
Endrin ketone	ND	0.0016	0.0030	"							
gamma-BHC	ND	0.0015	0.0030	"							
gamma-Chlordane	ND	0.0015	0.0030	"							
Heptachlor	ND	0.0015	0.0030	"							
Heptachlor epoxide	ND	0.0015	0.0030	"							
Methoxychlor	ND	0.0015	0.0030	"							
Chlordane (tech)	ND	0.010	0.020	"							
Toxaphene	ND	0.016	0.020	"							
Surrogate: Decachlorobiphenyl			*0.00870*	"	*0.00833*		*104*	*22-180*			
Surrogate: 2,4,5,6 Tetrachloro-m-xylene			*0.00614*	"	*0.00833*		*74*	*12-133*			
LCS (B0I0451-BS1)			Analyzed: 09/17/20 15:04								C-06
alpha-BHC	0.00450	0.0015	0.0030	mg/kg	0.00666		67	42-95			
alpha-Chlordane	0.00503	0.0015	0.0030	"	0.00666		76	57-103			
Aldrin	0.00491	0.0015	0.0030	"	0.00666		74	42-98			
beta-BHC	0.00553	0.0015	0.0030	"	0.00666		83	54-114			
delta-BHC	0.00509	0.0015	0.0030	"	0.00666		76	46-108			
4,4'-DDD	0.00515	0.0015	0.0030	"	0.00666		77	56-113			
4,4'-DDE	0.00555	0.0015	0.0030	"	0.00666		83	61-111			
4,4'-DDT	0.00630	0.0016	0.0030	"	0.00666		95	69-122			
Dieldrin	0.00509	0.0015	0.0030	"	0.00666		76	58-107			
Endosulfan I	0.00504	0.0017	0.0030	"	0.00666		76	57-107			
Endosulfan II	0.00500	0.0015	0.0030	"	0.00666		75	60-106			
Endosulfan sulfate	0.00567	0.0015	0.0030	"	0.00666		85	66-119			
Endrin	0.00524	0.0015	0.0030	"	0.00666		79	64-118			
Endrin aldehyde	0.00540	0.0015	0.0030	"	0.00666		81	52-108			
Endrin ketone	0.00589	0.0016	0.0030	"	0.00666		88	64-110			

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Santa Maria CA, 93457-2040	Project Manager: Dan Ringstmeyer	09/24/2020 13:43

Organochlorine Pesticides by GC/ECD/ECD - Quality Control

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B0I0451 - EPA 8081A Preparation: EPA 3550C 09/16/20 16:00											
LCS (B0I0451-BS1)				Analyzed: 09/17/20 15:04							C-06
gamma-BHC	0.00464	0.0015	0.0030	mg/kg	0.00666		70	45-100			
gamma-Chlordane	0.00495	0.0015	0.0030	"	0.00666		74	55-102			
Heptachlor	0.00533	0.0015	0.0030	"	0.00666		80	46-111			
Heptachlor epoxide	0.00498	0.0015	0.0030	"	0.00666		75	56-103			
Methoxychlor	0.00658	0.0015	0.0030	"	0.00666		99	76-131			
Surrogate: Decachlorobiphenyl			*0.00843*	"	*0.00833*		*101*	*22-180*			
Surrogate: 2,4,5,6 Tetrachloro-m-xylene			*0.00605*	"	*0.00833*		*73*	*12-133*			
LCS Dup (B0I0451-BSD1)				Analyzed: 09/17/20 15:23							C-06
alpha-BHC	0.00536	0.0015	0.0030	mg/kg	0.00664		81	42-95	17	25	
alpha-Chlordane	0.00615	0.0015	0.0030	"	0.00664		93	57-103	20	25	
Aldrin	0.00584	0.0015	0.0030	"	0.00664		88	42-98	17	25	
beta-BHC	0.00576	0.0015	0.0030	"	0.00664		87	54-114	4	25	
delta-BHC	0.00587	0.0015	0.0030	"	0.00664		88	46-108	14	25	
4,4'-DDD	0.00656	0.0015	0.0030	"	0.00664		99	56-113	24	25	
4,4'-DDE	0.00672	0.0015	0.0030	"	0.00664		101	61-111	19	25	
4,4'-DDT	0.00699	0.0016	0.0030	"	0.00664		105	69-122	10	25	
Dieldrin	0.00629	0.0015	0.0030	"	0.00664		95	58-107	21	25	
Endosulfan I	0.00614	0.0017	0.0030	"	0.00664		92	57-107	20	25	
Endosulfan II	0.00641	0.0015	0.0030	"	0.00664		96	60-106	25	25	
Endosulfan sulfate	0.00663	0.0015	0.0030	"	0.00664		100	66-119	16	25	
Endrin	0.00650	0.0015	0.0030	"	0.00664		98	64-118	21	25	
Endrin aldehyde	0.00644	0.0015	0.0030	"	0.00664		97	52-108	17	25	
Endrin ketone	0.00675	0.0016	0.0030	"	0.00664		102	64-110	14	25	
gamma-BHC	0.00563	0.0015	0.0030	"	0.00664		85	45-100	19	25	
gamma-Chlordane	0.00612	0.0015	0.0030	"	0.00664		92	55-102	21	25	
Heptachlor	0.00594	0.0015	0.0030	"	0.00664		89	46-111	11	25	
Heptachlor epoxide	0.00604	0.0015	0.0030	"	0.00664		91	56-103	19	25	
Methoxychlor	0.00746	0.0015	0.0030	"	0.00664		112	76-131	13	25	
Surrogate: Decachlorobiphenyl			*0.00845*	"	*0.00830*		*102*	*22-180*			
Surrogate: 2,4,5,6 Tetrachloro-m-xylene			*0.00608*	"	*0.00830*		*73*	*12-133*			

Buena Resources	Project: Buena Resources	WO & Reported:
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Organochlorine Pesticides by GC/ECD/ECD - Quality Control

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B0I0451 - EPA 8081A Preparation: EPA 3550C 09/16/20 16:00											
Duplicate (B0I0451-DUP1)	**Source: 2004472-20**			Analyzed: 09/17/20 17:15							C-06, R-05
alpha-BHC	ND	0.0075	0.015	mg/kg		ND				25	
alpha-Chlordane	ND	0.0075	0.015	"		ND				25	
Aldrin	ND	0.0075	0.015	"		ND				25	
beta-BHC	ND	0.0075	0.015	"		ND				25	
delta-BHC	ND	0.0075	0.015	"		ND				25	
4,4'-DDD	ND	0.0075	0.015	"		ND				25	
4,4'-DDE	ND	0.0075	0.015	"		ND				25	
4,4'-DDT	ND	0.0080	0.015	"		ND				25	CCFL 8081
Dieldrin	ND	0.0075	0.015	"		ND				25	
Endosulfan I	ND	0.0085	0.015	"		ND				25	
Endosulfan II	ND	0.0075	0.015	"		ND				25	
Endosulfan sulfate	ND	0.0075	0.015	"		ND				25	
Endrin	ND	0.0075	0.015	"		ND				25	
Endrin aldehyde	ND	0.0075	0.015	"		ND				25	
Endrin ketone	ND	0.0080	0.015	"		ND				25	
gamma-BHC	ND	0.0075	0.015	"		ND				25	
gamma-Chlordane	ND	0.0075	0.015	"		ND				25	
Heptachlor	ND	0.0075	0.015	"		ND				25	
Heptachlor epoxide	ND	0.0075	0.015	"		ND				25	
Methoxychlor	ND	0.0075	0.015	"		ND				25	
Surrogate: Decachlorobiphenyl			*0.00790*	"	*0.00831*		*95*	*22-180*			
Surrogate: 2,4,5,6 Tetrachloro-m-xylene			*0.00558*	"	*0.00831*		*67*	*12-133*			
Matrix Spike (B0I0451-MS1)	**Source: 2004472-20**			Analyzed: 09/17/20 16:38							C-06, QM-12
alpha-BHC	ND	0.0075	0.015	mg/kg	0.00666	ND		40-97			
alpha-Chlordane	ND	0.0075	0.015	"	0.00666	ND		28-133			
Aldrin	ND	0.0075	0.015	"	0.00666	ND		38-97			
beta-BHC	ND	0.0075	0.015	"	0.00666	ND		39-127			
delta-BHC	ND	0.0075	0.015	"	0.00666	ND		37-113			
4,4'-DDD	ND	0.0075	0.015	"	0.00666	ND		48-127			
4,4'-DDE	ND	0.0075	0.015	"	0.00666	ND		19-150			
4,4'-DDT	ND	0.0080	0.015	"	0.00666	ND		38-169			
Dieldrin	ND	0.0075	0.015	"	0.00666	ND		45-119			
Endosulfan I	ND	0.0085	0.015	"	0.00666	ND		50-105			
Endosulfan II	ND	0.0075	0.015	"	0.00666	ND		42-114			
Endosulfan sulfate	ND	0.0075	0.015	"	0.00666	ND		43-142			
Endrin	ND	0.0075	0.015	"	0.00666	ND		41-145			
Endrin aldehyde	ND	0.0075	0.015	"	0.00666	ND		44-121			
Endrin ketone	ND	0.0080	0.015	"	0.00666	ND		50-128			
gamma-BHC	ND	0.0075	0.015	"	0.00666	ND		41-103			
gamma-Chlordane	ND	0.0075	0.015	"	0.00666	ND		18-143			

Buena Resources	Project: Buena Resources	WO & Reported:
P.O. Box 2040	Project Number: Arctic Cold, LLC, Santa Maria Site	2004533
Santa Maria CA, 93457-2040	Project Manager: Dan Ringstmeyer	09/24/2020 13:43

Organochlorine Pesticides by GC/ECD/ECD - Quality Control

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B0I0451 - EPA 8081A Preparation: EPA 3550C 09/16/20 16:00											
Matrix Spike (B0I0451-MS1)	**Source: 2004472-20**			Analyzed: 09/17/20 16:38							C-06, QM-12
Heptachlor	ND	0.0075	0.015	mg/kg	0.00666	ND		36-115			
Heptachlor epoxide	ND	0.0075	0.015	"	0.00666	ND		47-109			
Methoxychlor	ND	0.0075	0.015	"	0.00666	ND		50-159			
Surrogate: Decachlorobiphenyl			*0.00600*	"	*0.00832*		*72*	*22-180*			
Surrogate: 2,4,5,6 Tetrachloro-m-xylene			*0.00428*	"	*0.00832*		*51*	*12-133*			
Matrix Spike Dup (B0I0451-MSD1)	**Source: 2004472-20**			Analyzed: 09/17/20 16:57							C-06, QM-12
alpha-BHC	ND	0.0075	0.015	mg/kg	0.00666	ND		40-97		25	
alpha-Chlordane	ND	0.0075	0.015	"	0.00666	ND		28-133		25	
Aldrin	ND	0.0075	0.015	"	0.00666	ND		38-97		25	
beta-BHC	ND	0.0075	0.015	"	0.00666	ND		39-127		25	
delta-BHC	ND	0.0075	0.015	"	0.00666	ND		37-113		25	
4,4'-DDD	ND	0.0075	0.015	"	0.00666	ND		48-127		25	
4,4'-DDE	ND	0.0075	0.015	"	0.00666	ND		19-150		25	
4,4'-DDT	ND	0.0080	0.015	"	0.00666	ND		38-169		25	
Dieldrin	ND	0.0075	0.015	"	0.00666	ND		45-119		25	
Endosulfan I	ND	0.0085	0.015	"	0.00666	ND		50-105		25	
Endosulfan II	ND	0.0075	0.015	"	0.00666	ND		42-114		25	
Endosulfan sulfate	ND	0.0075	0.015	"	0.00666	ND		43-142		25	
Endrin	ND	0.0075	0.015	"	0.00666	ND		41-145		25	
Endrin aldehyde	ND	0.0075	0.015	"	0.00666	ND		44-121		25	
Endrin ketone	ND	0.0080	0.015	"	0.00666	ND		50-128		25	
gamma-BHC	ND	0.0075	0.015	"	0.00666	ND		41-103		25	
gamma-Chlordane	ND	0.0075	0.015	"	0.00666	ND		18-143		25	
Heptachlor	ND	0.0075	0.015	"	0.00666	ND		36-115		25	
Heptachlor epoxide	ND	0.0075	0.015	"	0.00666	ND		47-109		25	
Methoxychlor	ND	0.0075	0.015	"	0.00666	ND		50-159		25	
Surrogate: Decachlorobiphenyl			*0.00571*	"	*0.00833*		*69*	*22-180*			
Surrogate: 2,4,5,6 Tetrachloro-m-xylene			*0.00426*	"	*0.00833*		*51*	*12-133*			

Sample Method Summary

Analysis	Method	Matrix	Laboratory & Certification
Organochlorine Pesticides by GC/ECD/ECD			
8081A Pesticides	EPA 8081A	Solid	OEC, CA-ELAP
Total Metals by ICP			
6010B Total Arsenic	EPA 6010B	Solid	OEC, CA-ELAP

Buena Resources	Project: Buena Resources	WO & Reported:
P.O. Box 2040	Project Number: Arctic Cold, LLC, Santa Maria Site	2004533
Santa Maria CA, 93457-2040	Project Manager: Dan Ringstmeyer	09/24/2020 13:43

Notes and Definitions

Qualifier	Definition
MDL	Method Detection Limit
RL	Reporting Limit (Quantitation Limit)
ND	Analyte NOT DETECTED at or above the method limit (MDL)
RPD	Relative Percent Difference
C-06	To reduce matrix interference, the sample extract has undergone pentane clean-up, which is specific to contamination from high molecular weight material (asphaltenes).
CCFL 8081	Target analyte exceeded 15% deviation in bracketing CCV. Per EPA 8081A, calibration was verified by <15% average deviation for all targets. The CCV response for this analyte was low.
CCHI	The CCV for this analyte failed high. Analyte result is ND. Data is not impacted.
J	Detected but below the RL/PQL; therefore, result is an estimated concentration.
QM-12	The spike recoveries for the MS and/or MSD are not available due to sample dilution required from high analyte concentration and/or matrix interference(s).
QR-04	The RPD exceeded the QC control limits.
R-05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.

Oilfield Environmental & Compliance, Inc.

307 Roemer Way Suite 300, Santa Maria, CA 93454
Phone: (805) 922-4772 Fax: (805) 925-3376 www.oecusa.com
101 Adkisson Way, Taft, CA 93268 Phone: (661) 762-9143

OEC Work Order (Lab Use Only): 2004533

CHAIN OF CUSTODY

Rev 02/13/2020

Company: Buena Resources, Inc.	Project Name / No: Arctic Cold, LLC
Address: P.O. Box 2040	Site: Santa Maria Site / PO #:
Phone: (805)346-1766 / Email: Dan@buena-res.com	Comments: Need detection limits per Dept. of Toxics Interim Guidance for Ag Properties
Report To: Daniel Ringstmeyer / Sampler (Print): Daniel Ringstmeyer	

Report Format(s): PDF(std) ☑ EDD ☐ EDF(i) ☐ WellSTAR(i) ☐ LTS(i) ☐ OTHER (Custom) EDD ☐

(i) EDF Global ID/Log Code, LTS(SDWIS) PWS: WellSTAR Facility / API# / Entity#:

Requested Turnaround Time [TAT] (Surcharges apply to any TAT other than 'Standard'): ASAP ☐ 1 Day ☐ 2 Day ☐ 3 Day ☐ 5 Day ☐ Standard ☑

* (DW=drinking, GW=ground, PW=produced, WW=waste) waters, A=air/vapor, P=product/oil S=solid/sediment

Lab Use Only	Date/Time Sampled	Matrix*	# of Cont.	Sample ID	OCP by 8081A	Arsenic By 6000/7000 Series	Special Instructions
-01	9/14/20 / 2:21	S	1	#1	x	x	
-02	/ 2:31	S	1	#2	x	x	
-03	/ 2:40	S	1	#3	x	x	
-04	/ 2:48	S	1	#4	x	x	
-05	/ 2:55	S	1	#5	x	x	
-06	/ 3:06	S	1	#6	x	x	
-07	/ 3:11	S	1	#7	x	x	
-08	/ 3:20	S	1	#8	x	x	
-09	/ 3:25	S	1	#9	x	x	
-10	/ 3:34	S	1	#10	x	x	

Analysis Requested

All requests subject to OEC Terms & Conditions

Relinquished by (Signature):	Relinquished by (Print Name & Company):	Date & Time:	Received by (Signature):	Received by (Print Name & Company):
[signature]	Daniel Ringstmeyer Buena Resources	9/14/20 4:05	[signature]	Lizbeth OEC

Oilfield Environmental & Compliance, Inc.

307 Roemer Way Suite 300, Santa Maria, CA 93454
Phone: (805) 922-4772 Fax: (805) 925-3376 www.oecusa.com
101 Adkisson Way, Taft, CA 93268 Phone: (661) 762-9143

OEC Work Order (Lab Use Only): 2004533

CHAIN OF CUSTODY

Rev 02/13/2020

Company: Buena Resources, Inc.	Project Name / No: Arctic Cold, LLC
Address: P.O. Box 2040	Site: Santa Maria Site / PO #:
Phone: (805)346-1766 / Email: Dan@buena-res.com	Comments: Need detection limits per Dept. of Toxics Interim Guidance for Ag Properties
Report To: Daniel Ringstmeyer / Sampler (Print): Daniel Ringstmeyer	

Report Format(s): PDF(std) ☑ EDD ☐ EDF(i) ☐ WellSTAR(i) ☐ LTS(i) ☐ OTHER (Custom) EDD ☐

(i) EDF Global ID/Log Code, LTS(SDWIS) PWS: WellSTAR Facility / API# / Entity#:

Requested Turnaround Time [TAT] (Surcharges apply to any TAT other than 'Standard'): ASAP ☐ 1 Day ☐ 2 Day ☐ 3 Day ☐ 5 Day ☐ Standard ☑

* (DW=drinking, GW=ground, PW=produced, WW=waste) waters, A=air/vapor, P=product/oil S=solid/sediment

Lab Use Only	Date/Time Sampled	Matrix*	# of Cont.	Sample ID	OCP by 8081A	Arsenic By 6000/7000 Series	Special Instructions
-11	9/14/20 3:40	S	1	#11	x	x	All requests subject to OEC Terms & Conditions
-12	3:47	S	1	#12	x	x	
-13	3:52	S	1	#13	x	x	
	≠	~~S~~	~~1~~	~~#14~~	~~x~~	~~x~~	
		~~S~~	~~1~~	~~#15~~	~~x~~	~~x~~	

Relinquished by (Signature):	Relinquished by (Print Name & Company):	Date & Time:	Received by (Signature):	Received by (Print Name & Company):
[signature]	Daniel Ringstmeyer, Buena Resource	9/14/20 4:05	[signature]	[signature]

5

Sample Receipt

Work Order Review is Complete

Work Order
2004533 **Refresh**

Client Name	Temp °C	Refrigerator(s)	COC Received	Login
Buena Resources	5	8	09/14/2020 16:05	09/14/2020 16:09

Recorded Corrected, Acceptable Range 0°C to 6°C (See Exception Notes Below)

Sample Transport

- [ ] OECCourier/Sampler
- [ ] After Hours Drop Off
- [x] Delivery (Other than OEC)
- [ ] Shipment Carrier Tracking#

Custody Seals: [x] None Present

Cooler(s)	[ ] Present, Intact	[ ] Present, Not Intact	[ ] None
Sample(s)	[ ] Present Intact	[ ] Present, Not Intact	[ ] None

Condition/Preservation

	Yes	No	N/A
[x] Received On Ice Within Range (Acceptable)			
[ ] Received Outside Range(Acceptable)			
[ ] Direct from Field on Ice			
[ ] Ambient: Air or Filter Matrix			
[ ] Received Ambient, Placed on Ice			
[ ] Sample Temperature Accetable for Analysis			
[ ] Received Outside Range [Exception]*			
[ ] Insufficient Ice or Unknown			
[ ] Excessive Free Liquid			
Completed COCs Received with Sample(s)	[x]	[ ]	
Correct Container(s) Preserve for Analysis	[x]	[ ]	
Container(s) Intact and Good Condition	[x]	[ ]	
Container Label(s) Consistent with COC	[x]	[ ]	
OEC Preservation Added**	[ ]	[x]	
Sample Quantity Sufficent	[x]	[ ]	

Containers, COC Changes, And/Or Corrections

Cotaniner ID (COC)	Container Description	Home	Matrix	Preservative	pH/Chlorine /Sulfur	Comments
01A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
02A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
03A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
04A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
05A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
06A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
07A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
08A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
09A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
10A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
11A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
12A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
13A	4oz Glass WM	Fridge 8 - Walk-In	Solid			

Receipt Login By:
LPS-09/14/20 04:22

Receipt Reviewed By:
JLR-09/14/20 04:38

Oilfield Environmental & Compliance, Inc.

307 Roemer Way Suite 300, Santa Maria, CA 93454
Phone: (805) 922-4772 Fax: (805) 925-3376 www.oecusa.com
101 Adkisson Way, Taft, CA 93268 Phone: (661) 762-9143

OEC Work Order (Lab Use Only): 2004533

CHAIN OF CUSTODY

Rev 02/13/2020

Company: Buena Resources, Inc.	Project Name / No: Arctic Cold, LLC
Address: P.O. Box 2040	Site: Santa Maria Site / PO #:
Phone: (805)346-1766 / Email: Dan@buena-res.com	Comments: Need detection limits per Dept. of Toxics Interim Guidance for Ag Properties
Report To: Daniel Ringstmeyer / Sampler (Print): Daniel Ringstmeyer	

Report Format(s): PDF(std) ☑ EDD ☐ EDF(i) ☐ WellSTAR(i) ☐ LTS(i) ☐
OTHER (Custom) EDD ☐
(i) EDF Global ID/Log Code, LTS(SDWIS) PWS:
WellSTAR Facility / API# / Entity#:

Requested Turnaround Time [TAT] (Surcharges apply to any TAT other than 'Standard'):
ASAP ☐ 1 Day ☐ 2 Day ☐ 3 Day ☐ 5 Day ☐ Standard ☑

* (DW=drinking, GW=ground, PW=produced, WW=waste) waters, A=air/vapor, P=product/oil S=solid/sediment

Lab Use Only	Date/Time Sampled	Matrix*	# of Cont.	Sample ID	OCP by 8081A	Arsenic By 6000/7000 Series	Special Instructions
-11	9/14/20 3:40	S	1	#11	x	x	
-12	3:47	S	1	#12	x	x	
-13	3:52	S	1	#13	x	x	
-14	9/15/20 12:30	S	1	Duplicate	x	x	

Analysis Requested

All requests subject to OEC Terms & Conditions

Relinquished by (Signature):	Relinquished by (Print Name & Company):	Date & Time:	Received by (Signature):	Received by (Print Name & Company):
[signature]	Daniel Ringstmeyer, Buena Resource	9/15/20 12:55	[signature]	Lizbeth OEC

Sample Receipt

Work Order: 2004533 Refresh

Client Name	Temp °C	Refrigerator(s)	COC Received	Login
Buena Resources	5	8	09/14/2020 16:05	09/14/2020 16:09

Recorded Corrected, Acceptable Range 0°C to 6°C (See Exception Notes Below)

Sample Transport

- [ ] OECCourier/Sampler
- [ ] After Hours Drop Off
- [x] Delivery (Other than OEC)
- [ ] Shipment Carrier Tracking#

Custody Seals: [x] None Present

Cooler(s)	[ ] Present, Intact	[ ] Present, Not Intact	[ ] None
Sample(s)	[ ] Present Intact	[ ] Present, Not Intact	[ ] None

Condition/Preservation

		Yes	No	N/A
[x]	Received On Ice Within Range (Acceptable)			
[ ]	Received Outside Range(Acceptable)			
[ ]	Direct from Field on Ice			
[ ]	Ambient: Air or Filter Matrix			
[ ]	Received Ambient, Placed on Ice			
[ ]	Sample Temperature Accetable for Analysis			
[ ]	Received Outside Range [Exception]*			
[ ]	Insufficient Ice or Unknown			
[ ]	Excessive Free Liquid			
	Completed COCs Received with Sample(s)	[x]	[ ]	
	Correct Container(s) Preserve for Analysis	[x]	[ ]	
	Container(s) Intact and Good Condition	[x]	[ ]	
	Container Label(s) Consistent with COC	[x]	[ ]	
	OEC Preservation Added**	[ ]	[x]	
	Sample Quantity Sufficent	[x]	[ ]	

Containers, COC Changes, And/Or Corrections

Cotaniner ID (COC)	Container Description	Home	Matrix	Preservative	pH/Chlorine /Sulfur	Comments
01A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
02A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
03A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
04A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
05A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
06A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
07A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
08A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
09A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
10A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
11A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
12A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
13A	4oz Glass WM	Fridge 8 - Walk-In	Solid			
14A	4oz Glass WM	Fridge 8 - Walk-In	Solid			

Receipt Login By: LPS-09/14/20 04:22

Receipt Reviewed By: JLR-09/14/20 04:38

Analytical Report

Oilfield Environmental & Compliance, Inc.

Dan Ringstmeyer
Buena Resources
P.O. Box 2040
Santa Maria, CA 93457-2040

OEC Work Order: **2005056**
Report Date: **October 20, 2020 08:26**

Project: **Buena Resources**

Number: Artic Cold, LLC

Enclosed is an analytical report for the above referenced project. The samples included in this report were received on October 09, 2020 13:45 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Authorized for release by:

Meredith Sprister, Project Manager
msprister@oecusa.com

Oilfield Environmental & Compliance, Inc.

Buena Resources	Project: Buena Resources	WO & Reported:
P.O. Box 2040	Project Number: Artic Cold, LLC	2005056
Santa Maria CA, 93457-2040	Project Manager: Dan Ringstmeyer	10/20/2020 08:26

Sample Summary

Sample ID	Laboratory ID	Client Matrix	Lab Matrix	Date Sampled	Date Received
#4	2005056-01	Solid	Solid	10/09/2020 12:25	10/09/2020 13:45
#8	2005056-02	Solid	Solid	10/09/2020 12:38	10/09/2020 13:45
#12	2005056-03	Solid	Solid	10/09/2020 12:28	10/09/2020 13:45
#16	2005056-04	Solid	Solid	10/09/2020 13:16	10/09/2020 13:45
#20	2005056-05	Solid	Solid	10/09/2020 12:38	10/09/2020 13:45
#24	2005056-06	Solid	Solid	10/09/2020 13:18	10/09/2020 13:45
#28	2005056-07	Solid	Solid	10/09/2020 12:41	10/09/2020 13:45
#32	2005056-08	Solid	Solid	10/09/2020 13:24	10/09/2020 13:45
#36	2005056-09	Solid	Solid	10/09/2020 12:45	10/09/2020 13:45
#40	2005056-10	Solid	Solid	10/09/2020 12:58	10/09/2020 13:45
#48	2005056-11	Solid	Solid	10/09/2020 12:54	10/09/2020 13:45
#50	2005056-12	Solid	Solid	10/09/2020 12:54	10/09/2020 13:45
Duplicate	2005056-13	Solid	Solid	10/09/2020 13:09	10/09/2020 13:45
#44	2005056-14	Solid	Solid	10/09/2020 13:08	10/09/2020 13:45

Sample Batch Preparation Summary

Analysis	Batch ID	Preparation Date/Time
Total Metals by ICP		
6010B Total	B0J0282	10/09/2020 13:02

California ELAP Certificate # 2438
307 Roemer Way, Santa Maria, CA 93454
Client Connect: client.oec.com\reports
www.oecusa.com
TEL: (805) 922-4772
FAX: (805) 925-3376

Buena Resources	Project: Buena Resources	WO & Reported:
P.O. Box 2040	Project Number: Artic Cold, LLC	2005056
Santa Maria CA, 93457-2040	Project Manager: Dan Ringstmeyer	10/20/2020 08:26

Analytical Report for Samples

Sample ID : **#4**
Matrix : Solid
Lab ID : 2005056-01

Sampled : 10/09/20 12:25
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	ND	0.95	1.9	mg/kg	1	B0J0282	10/13/20 14:58	EPA 6010B	

Sample ID : **#8**
Matrix : Solid
Lab ID : 2005056-02

Sampled : 10/09/20 12:38
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	ND	0.93	1.9	mg/kg	1	B0J0282	10/13/20 15:01	EPA 6010B	

Sample ID : **#12**
Matrix : Solid
Lab ID : 2005056-03

Sampled : 10/09/20 12:28
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	ND	0.99	2.0	mg/kg	1	B0J0282	10/13/20 15:03	EPA 6010B	

Sample ID : **#16**
Matrix : Solid
Lab ID : 2005056-04

Sampled : 10/09/20 13:16
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	ND	0.94	1.9	mg/kg	1	B0J0282	10/13/20 15:06	EPA 6010B	

Buena Resources	Project: Buena Resources	WO & Reported:
P.O. Box 2040	Project Number: Artic Cold, LLC	2005056
Santa Maria CA, 93457-2040	Project Manager: Dan Ringstmeyer	10/20/2020 08:26

Analytical Report for Samples

Sample ID : **#20**
Matrix : Solid
Lab ID : 2005056-05

Sampled : 10/09/20 12:38
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	ND	0.99	2.0	mg/kg	1	B0J0282	10/13/20 15:09	EPA 6010B	

Sample ID : **#24**
Matrix : Solid
Lab ID : 2005056-06

Sampled : 10/09/20 13:18
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	ND	0.94	1.9	mg/kg	1	B0J0282	10/13/20 14:32	EPA 6010B	

Sample ID : **#28**
Matrix : Solid
Lab ID : 2005056-07

Sampled : 10/09/20 12:41
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	ND	0.93	1.9	mg/kg	1	B0J0282	10/13 20 15:11	EPA 6010B	

Sample ID : **#32**
Matrix : Solid
Lab ID : 2005056-08

Sampled : 10/09/20 13:24
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	ND	0.92	1.8	mg/kg	1	B0J0282	10/13/20 15:14	EPA 6010B	

Buena Resources	Project: Buena Resources	WO & Reported:
P.O. Box 2040	Project Number: Artic Cold, LLC	2005056
Santa Maria CA, 93457-2040	Project Manager: Dan Ringstmeyer	10/20/2020 08:26

Analytical Report for Samples

Sample ID : **#36**
Matrix : Solid
Lab ID : 2005056-09

Sampled : 10/09/20 12:45
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	ND	0.94	1.9	mg/kg	1	B0J0282	10/13/20 15:16	EPA 6010B	

Sample ID : **#40**
Matrix : Solid
Lab ID : 2005056-10

Sampled : 10/09/20 12:58
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	ND	0.92	1.8	mg/kg	1	B0J0282	10/13/20 15:27	EPA 6010B	

Sample ID : **#48**
Matrix : Solid
Lab ID : 2005056-11

Sampled : 10/09/20 12:54
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	ND	0.99	2.0	mg/kg	1	B0J0282	10/13/20 15:29	EPA 6010B	

Sample ID : **#50**
Matrix : Solid
Lab ID : 2005056-12

Sampled : 10/09/20 12:54
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	ND	0.94	1.9	mg/kg	1	B0J0282	10/13/20 15:32	EPA 6010B	

Buena Resources	Project: Buena Resources	WO & Reported:
P.O. Box 2040	Project Number: Artic Cold, LLC	2005056
Santa Maria CA, 93457-2040	Project Manager: Dan Ringstmeyer	10/20/2020 08:26

Analytical Report for Samples

Sample ID : **Duplicate**
Matrix : Solid
Lab ID : 2005056-13

Sampled : 10/09/20 13:09
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	ND	0.91	1.8	mg/kg	1	B0J0282	10/13/20 15:35	EPA 6010B	

Sample ID : **#44**
Matrix : Solid
Lab ID : 2005056-14

Sampled : 10/09/20 13:08
Sampled by : Daniel Ringstmeyer
Field Data : NA

Analyte	Result	MDL	RL	Units	Dilution	Batch	Analyzed	Method	Notes
Total Metals by ICP									
Arsenic	ND	0.92	1.8	mg/kg	1	B0J0282	10/13/20 15:37	EPA 6010B	

Buena Resources	Project: Buena Resources	WO & Reported:
P.O. Box 2040	Project Number: Artic Cold, LLC	2005056
Santa Maria CA, 93457-2040	Project Manager: Dan Ringstmeyer	10/20/2020 08:26

Total Metals by ICP - Quality Control

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B0J0282 - EPA 6010B Preparation: EPA 3050B 10/09/20 13:02											
Blank (B0J0282-BLK1)				Analyzed: 10/13/20 14:04							
Arsenic	ND	1.0	2.0	mg/kg							
LCS (B0J0282-BS1)				Analyzed: 10/13/20 14:09							
Arsenic	99.4	1.0	2.0	mg/kg	100		99	80-120			
LCS Dup (B0J0282-BSD1)				Analyzed: 10/13/20 14:19							
Arsenic	100	1.0	2.0	mg/kg	100		100	80-120	0.9	20	
Duplicate (B0J0282-DUP1)	**Source: 2005056-06**			Analyzed: 10/13/20 14:34							
Arsenic	ND	0.97	1.9	mg/kg		ND				20	
Matrix Spike (B0J0282-MS1)	**Source: 2005056-06**			Analyzed: 10/13/20 14:22							
Arsenic	92.8	0.96	1.9	mg/kg	95.9	ND	97	83-116			
Matrix Spike Dup (B0J0282-MSD1)	**Source: 2005056-06**			Analyzed: 10/13/20 14:24							
Arsenic	91.4	0.94	1.9	mg/kg	93.6	ND	98	83-116	1	20	
Post Spike (B0J0282-PS1)	**Source: 2005056-06**			Analyzed: 10/13/20 14:27							
Arsenic	2.02			mg/L	2.00	-0.0156	101	75-125			

Sample Method Summary

Analysis	Method	Matrix	Laboratory & Certification
Total Metals by ICP			
6010B Total Arsenic	EPA 6010B	Solid	OEC, CA-ELAP

Notes and Definitions

Qualifier	Definition
MDL	Method Detection Limit
RL	Reporting Limit (Quantitation Limit)
ND	Analyte NOT DETECTED at or above the method limit (MDL)
RPD	Relative Percent Difference
J	Detected but below the RL/PQL; therefore, result is an estimated concentration.

Oilfield Environmental & Compliance, Inc.

307 Roemer Way Suite 300, Santa Maria, CA 93454
Phone: (805) 922-4772 Fax: (805) 925-3376 www.oecusa.com
101 Adkisson Way, Taft, CA 93268 Phone: (661) 762-9143

OEC Work Order (Lab Use Only): 2005056

CHAIN OF CUSTODY

Rev 02/13/2020

Company: Buena Resources, Inc.	Project Name / No: Arctic Cold, LLC
Address: P.O. Box 2040	Site: Santa Maria Site / PO #:
Phone: (805)346-1766 / Email: Dan@buena-res.com	Comments: Need detection limits per Dept. of Toxics Interim Guidance for Ag Properties
Report To: Daniel Ringstmeyer / Sampler (Print): Daniel Ringstmeyer	

Report Format(s): PDF(std) ☑ EDD ☐ EDF(i) ☐ WellSTAR(i) ☐ LTS(i) ☐ OTHER (Custom) EDD ☐

(i) EDF Global ID/Log Code, LTS(SDWIS) PWS: WellSTAR Facility / API# / Entity#:

Requested Turnaround Time [TAT] (Surcharges apply to any TAT other than 'Standard'): ASAP ☐ 1 Day ☐ 2 Day ☐ 3 Day ☐ 5 Day ☐ Standard ☑

* (DW=drinking, GW=ground, PW=produced, WW=waste) waters, A=air/vapor, P=product/oil S=solid/sediment

Lab Use Only	Date/Time Sampled	Matrix*	# of Cont.	Sample ID	Analysis Requested: Arsenic By 6000/7000 Series	Special Instructions: All requests subject to OEC Terms & Conditions
01	10/9/2020 12:25	s	1	#4	x	
02	10/9/2020 12:38	s	1	#8	x	
03	10/9/2020 12:28	s	1	#12	x	
04	10/9/2020 1:16	s	1	#16	x	
05	10/9/2020 12:28	s	1	#20	x	
06	10/9/2020 1:18	s	1	#24	x	
07	10/9/2020 12:41	s	1	#28	x	
08	10/9/2020 1:24	s	1	#32	x	
09	10/9/2020 12:45	s	1	#36	x	
10	10/9/2020 12:58	s	1	#40	x	

Relinquished by (Signature):	Relinquished by (Print Name & Company):	Date & Time:	Received by (Signature):	Received by (Print Name & Company):
[signature]	Daniel Ringstmeyer/Buena	10/9/20 1:45	[signature]	J. Robinson ACL

53°

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OEC Work Order (Lab Use Only)

CHAIN OF CUSTODY

Rev 02/13/2020

Company: Buena Resources, Inc.	Project Name / No: Arctic Cold, LLC
Address: P.O. Box 2040	Site: Santa Maria Site / PO #:
Phone: (805)346-1766 / Email: Dan@buena-res.com	Comments: Need detection limits per Dept. of Toxics Interim Guidance for Ag Properties
Report To: Daniel Ringstmeyer / Sampler (Print): Daniel Ringstmeyer	

Report Format(s): PDF(std) ☑ EDD ☐ EDF(i) ☐ WellSTAR(i) ☐ LTS(i) ☐
OTHER (Custom) EDD ☐
(I) EDF Global ID/Log Code. LTS(SDWIS) PWS:
WellSTAR Facility / API# / Entity#:

Requested Turnaround Time [TAT] (Surcharges apply to any TAT other than 'Standard'):
ASAP ☐ 1 Day ☐ 2 Day ☐ 3 Day ☐ 5 Day ☐ Standard ☑

* (DW=drinking, GW=ground, PW=produced, WW=waste) waters, A=air/vapor, P=product/oil S=solid/sediment

Lab Use Only	Date/Time Sampled	Matrix*	# of Cont.	Sample ID	Analysis Requested: Arsenic By 6000/7000 Series	Special Instructions: All requests subject to OEC Terms & Conditions
11	10/9/2020 12:54	s	1	#48	x	
12	10/9/2020 12:54	s	1	#50	x	
13	10/9/2020 1:09	s	1	Duplicate	x	
14	10/9/20 1:08	s	1	#44		

Relinquished by (Signature):	Relinquished by (Print Name & Company):	Date & Time:	Received by (Signature):	Received by (Print Name & Company):
Daniel P. Ringstmeyer	Daniel Ringstmeyer/Buena	10/9/20 1:45	Robinson	Robinson

Sample Receipt

Work Order Review is Complete

Work Order: 2005056 **Refresh**

Client Name	Temp °C	Refrigerator(s)	COC Received	Login
Buena Resources	5.3	8	10/09/2020 13:45	10/09/2020 13:48

Recorded Corrected, Acceptable Range 0°C to 6°C (See Exception Notes Below)

Sample Transport

- [x] OECCourier/Sampler
- [ ] After Hours Drop Off
- [ ] Delivery (Other than OEC)
- [ ] Shipment Carrier
- Tracking#

Custody Seals: [x] None Present

Cooler(s)	[ ] Present, Intact	[ ] Present, Not Intact	[ ] None
Sample(s)	[ ] Present Intact	[ ] Present, Not Intact	[ ] None

Condition/Preservation

	Yes	No	N/A
[x] Received On Ice Within Range (Acceptable)			
[ ] Received Outside Range(Acceptable)			
[ ] Direct from Field on Ice			
[ ] Ambient: Air or Filter Matrix			
[ ] Received Ambient, Placed on Ice			
[ ] Sample Temperature Accetable for Analysis			
[ ] Received Outside Range [Exception]*			
[ ] Insufficient Ice or Unknown			
[ ] Excessive Free Liquid			
Completed COCs Received with Sample(s)	[x]	[ ]	
Correct Container(s) Preserve for Analysis	[x]	[ ]	
Container(s) Intact and Good Condition	[x]	[ ]	
Container Label(s) Consistent with COC	[x]	[ ]	
OEC Preservation Added**	[ ]	[x]	
Sample Quantity Sufficent	[x]	[ ]	

Containers, COC Changes, And/Or Corrections

Cotaniner ID (COC)	Container Description	Home	Matrix	Preservative	pH/Chlorine /Sulfur	Comments
01A	4oz Glass	Fridge 8 - Walk-In	Solid			
02A	4oz Glass	Fridge 8 - Walk-In	Solid			
03A	4oz Glass	Fridge 8 - Walk-In	Solid			
04A	4oz Glass	Fridge 8 - Walk-In	Solid			
05A	4oz Glass	Fridge 8 - Walk-In	Solid			
06A	4oz Glass	Fridge 8 - Walk-In	Solid			
07A	4oz Glass	Fridge 8 - Walk-In	Solid			
08A	4oz Glass	Fridge 8 - Walk-In	Solid			
09A	4oz Glass	Fridge 8 - Walk-In	Solid			
10A	4oz Glass	Fridge 8 - Walk-In	Solid			
11A	4oz Glass	Fridge 8 - Walk-In	Solid			
12A	4oz Glass	Fridge 8 - Walk-In	Solid			
13A	4oz Glass	Fridge 8 - Walk-In	Solid			
14A	4oz Glass	Fridge 8 - Walk-In	Solid			

Receipt Login By: JLR-10/09/20 02:00

Receipt Reviewed By: CMR-10/09/20 02:41

Oilfield Environmental &Compliance, Inc.
307 Roemer Way, Suite 300
Santa Maria, CA 93454

Phone: 805-922-4772
Fax: 805-925-3376
Email: AR@oecusa.com
FID# 77-0498914

INVOICE

Remit To: 2010 Preisker Lane, Suite F
Santa Maria, CA 93454

Client
Dan Ringstmeyer
Buena Resources

Invoice To:
Dan Ringstmeyer
Buena Resources
P.O. Box 2040
Santa Maria, CA 93457-2040

PO Number

Project Manager
Meredith Sprister

Project
Buena Resources

Invoice Number
2005056

Date:
20-Oct-20

Terms
NET 30

Work Order(s)
2005056

Project Number
Artic Cold, LLC

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
Oilfield Environmental & Compliance, Inc.				
14	6010B Total Arsenic [7 day]	Solid	$15.00	$210.00
			Invoice Total:	**$210.00**

All invoices are due and payable net 30 days upon the date of the invoice noted above. If payment is not received in full by Oilfield Environmental & Compliance, Inc. ("OEC"), within seven (7) days of the due date, then Customer shall pay OEC interest at the rate of one and a half percent (1.5%) per month until the full amount of the invoice is paid or the highest rate allowed by law. Customer further agrees that by receiving this invoice and asking OEC to perform any services for it, Customer is agreeing to all the terms noted herein for any and all services that OEC has, is, and/or will perform for Customer at any time. Furthermore, if OEC is required to take any action, including but not limited to, retaining an attorney or filing a lawsuit to collect payment of any invoice, Customer shall pay to OEC all reasonable expenses OEC may incur, including but not limited to, reasonable attorney's fees, court costs and expert witness fees. Customer further agrees that this Agreement shall be construed in accordance with the laws of the State of California and that the exclusive venue for any litigation arising under this Agreement shall be the Superior Court of the State of California in and for the County of Santa Barbara, Santa Maria Branch - Cook Division. Customer(s) agrees that even if it is a business entity, he/she is personally a party to this Agreement.

Oilfield Environmental & Compliance, Inc.

307 Roemer Way Suite 300, Santa Maria, CA 93454
Phone: (805) 922-4772 Fax: (805) 925-3376 www.oecusa.com
101 Adkisson Way, Taft, CA 93268 Phone: (661) 762-9143

OEC Work Order (Lab Use Only): 200505LE

CHAIN OF CUSTODY

Rev 02/13/2020

Company: Buena Resources, Inc.	Project Name / No: Arctic Cold, LLC
Address: P.O. Box 2040	Site: Santa Maria Site / PO #:
Phone: (805)346-1766 / Email: Dan@buena-res.com	Comments: Need detection limits per Dept. of Toxics Interim Guidance for Ag Properties
Report To: Daniel Ringstmeyer / Sampler (Print): Daniel Ringstmeyer	

Report Format(s): PDF(std) ☑ EDD ☐ EDF(i) ☐ WellSTAR(i) ☐ LTS(i) ☐ OTHER (Custom) EDD ☐

(i) EDF Global ID/Log Code, LTS(SDWIS) PWS-WellSTAR Facility / API# / Entity#:

Requested Turnaround Time [TAT] (Surcharges apply to any TAT other than 'Standard'): ASAP ☐ 1 Day ☐ 2 Day ☐ 3 Day ☐ 5 Day ☐ Standard ☑

* (DW=drinking, GW=ground, PW=produced, WW=waste) waters, A=air/vapor, P=product/oil S=solid/sediment

Lab Use Only	Date/Time Sampled	Matrix*	# of Cont.	Sample ID	Analysis Requested: Arsenic By 6000/7000 Series	Special Instructions: All requests subject to OEC Terms & Conditions
01	10/9/2020 12:25	s	1	#4	x	
02	10/9/2020 12:30	s	1	#8	x	
03	10/9/2020 12:28	s	1	#12	x	
04	10/9/2020 1:16	s	1	#16	x	
05	10/9/2020 12:28	s	1	#20	x	
06	10/9/2020 1:18	s	1	#24	x	
07	10/9/2020 12:41	s	1	#28	x	
08	10/9/2020 1:24	s	1	#32	x	
09	10/9/2020 12:45	s	1	#36	x	
10	10/9/2020 12:58	s	1	#40	x	

Relinquished by (Signature):	Relinquished by (Print Name & Company):	Date & Time:	Received by (Signature):	Received by (Print Name & Company):
[signature]	Daniel Ringstmeyer/Buena	10/9/20 1:45	[signature]	Robinson OEC

53°

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101 Adkisson Way, Taft, CA 93268 Phone: (661) 762-9143

OEC Work Order (Lab Use Only)

CHAIN OF CUSTODY

Rev 02/13/2020

Company: Buena Resources, Inc.	Project Name / No: Arctic Cold, LLC
Address: P.O. Box 2040	Site: Santa Maria Site / PO #:
Phone: (805)346-1766 / Email: Dan@buena-res.com	Comments: Need detection limits per Dept. of Toxics Interim Guidance for Ag Properties
Report To: Daniel Ringstmeyer / Sampler (Print): Daniel Ringstmeyer	

Report Format(s): PDF(std) ☑ EDD ☐ EDF(i) ☐ WellSTAR(i) ☐ LTS(i) ☐
OTHER (Custom) EDD ☐
(i) EDF Global ID/Log Code, LTS(SDWIS) PWS:
WellSTAR Facility / API# / Entity#:

Requested Turnaround Time [TAT] (Surcharges apply to any TAT other than 'Standard'):
ASAP ☐ 1 Day ☐ 2 Day ☐ 3 Day ☐ 5 Day ☐ Standard ☑

* (DW=drinking, GW=ground, PW=produced, WW=waste) waters, A=air/vapor, P=product/oil S=solid/sediment

Lab Use Only	Date/Time Sampled	Matrix*	# of Cont.	Sample ID	Analysis Requested: Arsenic By 6000/7000 Series	Special Instructions
11	10/9/2020 12:54	S	1	#48	x	
12	10/9/2020 12:54	S	1	#50	x	
13	10/9/2020 1:09	S	1	Duplicate	x	
14	10/9/20 1:08	S	1	#44		

All requests subject to OEC Terms & Conditions

Relinquished by (Signature):	Relinquished by (Print Name & Company):	Date & Time:	Received by (Signature):	Received by (Print Name & Company):
Daniel P. Ringstmeyer	Daniel Ringstmeyer/Buena	10/9/20 1:45	Johnson	Johnson

Sample Receipt

Work Order Review is Complete

Work Order
2005056 **Refresh**

Client Name	Temp °C	Refrigerator(s)	COC Received	Login
Buena Resources	5.3	8	10/09/2020 13:45	10/09/2020 13:48

Recorded Corrected, Acceptable Range 0°C to 6°C (See Exception Notes Below)

Sample Transport

- [x] OECCourier/Sampler
- [ ] After Hours Drop Off
- [ ] Delivery (Other than OEC)
- [ ] Shipment Carrier Tracking#

Custody Seals: [x] None Present

Cooler(s)	[ ] Present, Intact	[ ] Present, Not Intact	[ ] None
Sample(s)	[ ] Present Intact	[ ] Present, Not Intact	[ ] None

Condition/Preservation

	Yes	No	N/A
[x] Received On Ice Within Range (Acceptable)			
[ ] Received Outside Range(Acceptable)			
[ ] Direct from Field on Ice			
[ ] Ambient: Air or Filter Matrix			
[ ] Received Ambient, Placed on Ice			
[ ] Sample Temperature Accetable for Analysis			
[ ] Received Outside Range [Exception]*			
[ ] Insufficient Ice or Unknown			
[ ] Excessive Free Liquid			
Completed COCs Received with Sample(s)	[x]	[ ]	
Correct Container(s) Preserve for Analysis	[x]	[ ]	
Container(s) Intact and Good Condition	[x]	[ ]	
Container Label(s) Consistent with COC	[x]	[ ]	
OEC Preservation Added**	[ ]	[x]	
Sample Quantity Sufficent	[x]	[ ]	

Containers, COC Changes, And/Or Corrections

Cotaniner ID (COC)	Container Description	Home	Matrix	Preservative	pH/Chlorine /Sulfur	Comments
01A	4oz Glass	Fridge 8 - Walk-In	Solid			
02A	4oz Glass	Fridge 8 - Walk-In	Solid			
03A	4oz Glass	Fridge 8 - Walk-In	Solid			
04A	4oz Glass	Fridge 8 - Walk-In	Solid			
05A	4oz Glass	Fridge 8 - Walk-In	Solid			
06A	4oz Glass	Fridge 8 - Walk-In	Solid			
07A	4oz Glass	Fridge 8 - Walk-In	Solid			
08A	4oz Glass	Fridge 8 - Walk-In	Solid			
09A	4oz Glass	Fridge 8 - Walk-In	Solid			
10A	4oz Glass	Fridge 8 - Walk-In	Solid			
11A	4oz Glass	Fridge 8 - Walk-In	Solid			
12A	4oz Glass	Fridge 8 - Walk-In	Solid			
13A	4oz Glass	Fridge 8 - Walk-In	Solid			
14A	4oz Glass	Fridge 8 - Walk-In	Solid			

Receipt Login By:
JLR-10/09/20 02:00

Receipt Reviewed By:
CMR-10/09/20 02:41

APPENDIX D

County Ag Commission Documents

Agricultural Commissioner's Office
Weights & Measures ■ County of Santa Barbara

Cathleen M. Fisher
Commissioner / Director

September 30, 2020

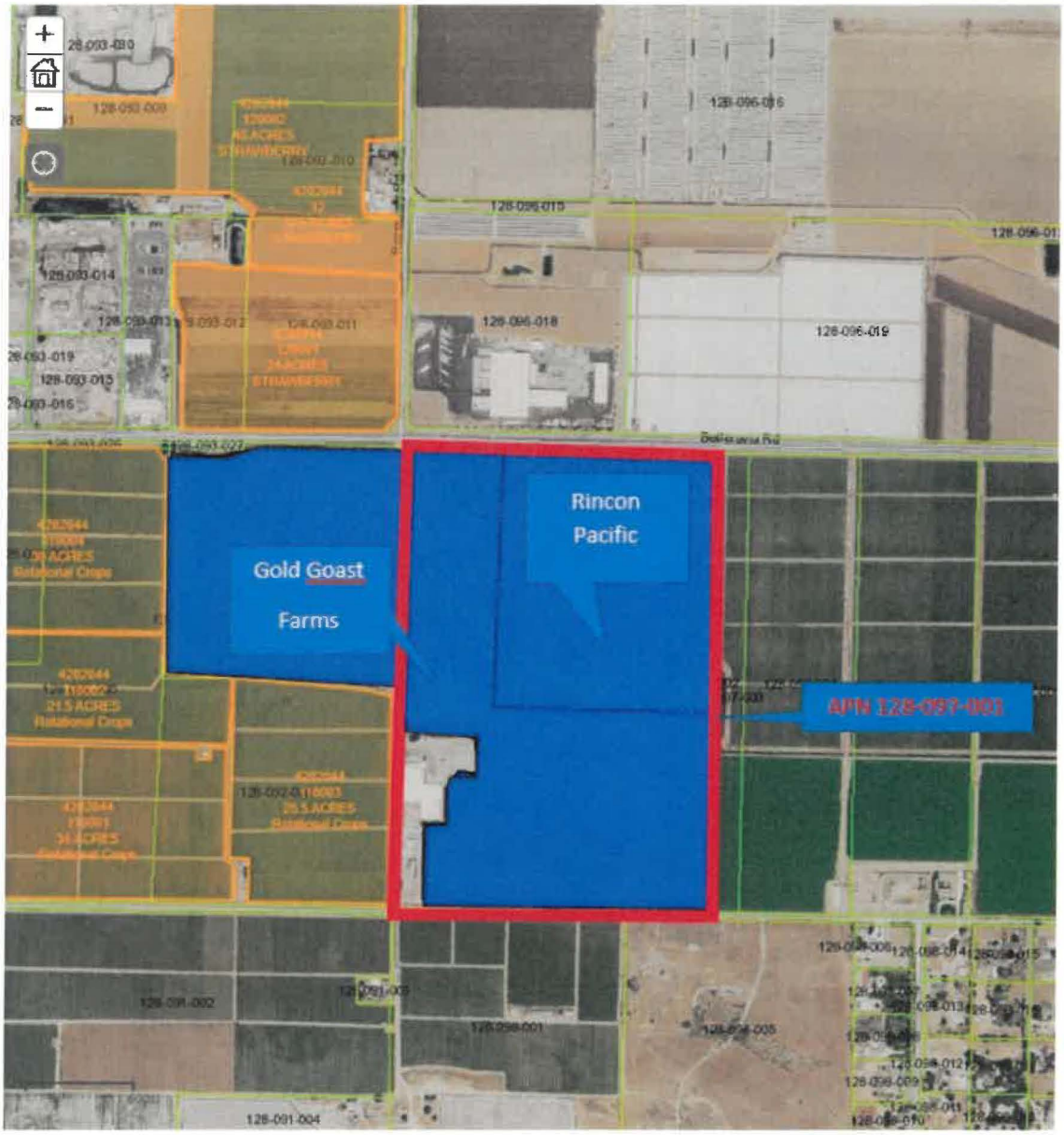
This is being written in response to your request for information about pesticide use reports during the last 36 months for APN 128-097-001.

A pesticide use search through CalAg Permits indicates that:

- Gold Coast Farms (permit number 4202021) has been farming on APN 128-097-001 since 10/18/2017 through 7/29/2020 using registered site numbers 11 and 04.
- Rincon Pacific LLC (permit number 4202741) was also farming on a portion of APN 128-097-001 during the period of 2/16/2017 and 8/31/2017 using site registered as number 04.
- As of 9/19/20 and 9/22/2020 respectively Red Blossom Sales, Inc (Permit Number 4202676) and Agro-Jal Farms, Inc (permit number 4202044) have taken over farming of this same property but as of this search neither operator has reported any pesticide use.

As you will notice on the attached map, the area that is indicated in blue show the permit sites that have recorded pesticide use during the 3-year period requested go beyond the boundaries of APN 128-097-001. The CalAg system tracks pesticide use based on permit site information not by APN#. Therefore, the list of pesticide used includes all pesticides used during the indicated period for APN 128-097-001, but also includes some pesticide use in the area of the site that extends out of the of the requested APN. It is not possible to separate out that information. However, It may be possible to contact Gold Coast Farms and Rincon Pacific, LLC to get more specific information about pesticide application to specific blocks within the sites.

624 W. Foster Road, Suite E, Santa Maria, CA 93455
Phone (805) 934-6200 • Fax (805) 934-6202
www.countyofsb.org/agcomm/



CalAg Permits generated the following pesticide use reports to present day.

Permitee	Site ID	Site Location	App. Date	Commodity	EPA Reg No	Product Name
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/18/2017	SPINACH	264-695-AA	REASON 500 SC FUNGIC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/18/2017	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/18/2017	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/18/2017	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/27/2017	SPINACH	264-695-AA	REASON 500 SC FUNGIC

GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/27/2017	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/27/2017	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/27/2017	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/1/2017	BROCCOLI	66222-46-AA	TRIFLUREX HFP
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/1/2017	BROCCOLI	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/1/2017	BROCCOLI	70506-36-ZA	DEVRINOL DF-XT
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/3/2017	SPINACH	264-695-AA	REASON 500 SC FUNGIC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/3/2017	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/3/2017	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/3/2017	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/9/2017	BROCCOLI	66222-46-AA	TRIFLUREX HFP
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/9/2017	BROCCOLI	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/9/2017	BROCCOLI	70506-301-AA	DEVRINOL 2-XT
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/5/2017	BROCCOLI	100-1098-ZC	QUADRIS
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/5/2017	BROCCOLI	10163-21-ZA	GOWAN MALATHION 8
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/5/2017	BROCCOLI	264-1050-AA	MOVENTO (CA & NY)
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/5/2017	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/22/2017	CAULIFLOWER	264-1050-AA	MOVENTO (CA & NY)
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/22/2017	CAULIFLOWER	264-1141-ZA	SIVANTO PRIME
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/22/2017	CAULIFLOWER	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/22/2017	CAULIFLOWER	352-597-AA	DUPONT AVAUNT INSECT
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/23/2017	BROCCOLI	264-1050-AA	MOVENTO (CA & NY)
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/23/2017	BROCCOLI	264-1141-ZA	SIVANTO PRIME
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/23/2017	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/23/2017	BROCCOLI	264-1050-AA	MOVENTO (CA & NY)
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/23/2017	BROCCOLI	264-1141-ZA	SIVANTO PRIME

GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/23/2017	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/23/2017	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/23/2017	BROCCOLI	264-1050-AA	MOVENTO (CA & NY)
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/23/2017	BROCCOLI	264-1141-ZA	SIVANTO PRIME
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/23/2017	BROCCOLI	352-597-AA	DUPONT AVAUNT INSECT
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/23/2017	BROCCOLI	100-953-AA	SWITCH 62.5WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/23/2017	BROCCOLI	352-597-AA	DUPONT AVAUNT INSECT
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/23/2017	BROCCOLI	100-953-AA	SWITCH 62.5WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/23/2017	BROCCOLI	352-597-AA	DUPONT AVAUNT INSECT
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/23/2017	BROCCOLI	100-953-AA	SWITCH 62.5WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	1/4/2018	BROCCOLI	100-1098-ZC	QUADRIS
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	1/4/2018	BROCCOLI	10163-21-ZB	GOWAN MALATHION 8 FL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	1/4/2018	BROCCOLI	264-1050-AA	MOVENTO (CA & NY)
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	1/4/2018	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	1/4/2018	BROCCOLI	70506-9-AA	PERM-UP 3.2 EC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	1/14/2018	BROCCOLI	10163-21-ZB	GOWAN MALATHION 8 FLOWABLE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	1/14/2018	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	1/14/2018	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	1/14/2018	BROCCOLI	100-953-AA	SWITCH 62.5WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	1/17/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	1/17/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	1/24/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	1/24/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	1/31/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	1/31/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	2/7/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL

GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	2/7/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	2/13/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	2/13/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	2/21/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	2/21/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	2/28/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	2/28/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	3/1/2018	SPINACH	279-3126-ZB	MUSTANG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	3/1/2018	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	3/6/2018	SPINACH	279-3126-ZB	MUSTANG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	3/6/2018	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	3/7/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	3/7/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	3/13/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	3/13/2018	SPINACH	279-3126-ZB	MUSTANG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	3/13/2018	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	3/13/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	3/20/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	3/20/2018	SPINACH	279-3126-ZB	MUSTANG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	3/20/2018	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	3/20/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	3/28/2018	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	3/28/2018	SPINACH	264-1050-AA	MOVENTO (CA & NY)
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	3/28/2018	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	3/28/2018	SPINACH	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	3/28/2018	SPINACH	70506-66-ZA	PERM-UP 25DF

GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	3/28/2018	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/3/2018	SPINACH	264-1050-AA	MOVENTO (CA & NY)
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/3/2018	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/3/2018	SPINACH	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/3/2018	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/3/2018	SPINACH	264-1050-AA	MOVENTO (CA & NY)
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/3/2018	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/3/2018	SPINACH	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/3/2018	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/3/2018	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/3/2018	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/3/2018	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/3/2018	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/11/2018	SPINACH	264-695-AA	REASON 500 SC FUNGIC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/11/2018	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/11/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/11/2018	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/11/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/11/2018	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/13/2018	SPINACH	279-3126-ZB	MUSTANG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/13/2018	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/19/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/19/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/21/2018	SPINACH	279-3126-ZB	MUSTANG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/21/2018	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/28/2018	SPINACH	279-3126-ZB	MUSTANG

GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	4/28/2018	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/1/2018	SPINACH	279-3126-ZB	MUSTANG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/1/2018	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/3/2018	BROCCOLI	66222-46-AA	TRIFLUREX HFP
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/3/2018	BROCCOLI	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/3/2018	BROCCOLI	70506-301-AA	DEVRINOL 2-XT
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/3/2018	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/3/2018	SPINACH	34704-474-ZA	MALATHION 8 AQUAMUL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/3/2018	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/3/2018	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/3/2018	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/8/2018	SPINACH	279-3126-ZB	MUSTANG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/8/2018	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/9/2018	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/9/2018	SPINACH	34704-474-ZA	MALATHION 8 AQUAMUL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/9/2018	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/9/2018	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/9/2018	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/10/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/10/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/11/2018	BROCCOLI	66222-46-AA	TRIFLUREX HFP
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/11/2018	BROCCOLI	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/11/2018	BROCCOLI	70506-301-AA	DEVRINOL 2-XT
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/15/2018	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/15/2018	SPINACH	34704-474-ZA	MALATHION 8 AQUAMUL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/15/2018	SPINACH	62719-545-AA	RADIANT SC

GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/15/2018	SPINACH	279-3126-ZB	MUSTANG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/15/2018	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/15/2018	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/15/2018	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/16/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/16/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/17/2018	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/17/2018	SPINACH	34704-474-ZA	MALATHION 8 AQUAMUL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/17/2018	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/17/2018	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/17/2018	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/19/2018	SPINACH	279-3126-ZB	MUSTANG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/19/2018	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/22/2018	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/22/2018	SPINACH	34704-474-ZA	MALATHION 8 AQUAMUL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/22/2018	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/22/2018	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/22/2018	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/26/2018	SPINACH	279-3126-ZB	MUSTANG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/26/2018	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/28/2018	SPINACH	279-3126-ZB	MUSTANG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/28/2018	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/31/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	5/31/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/1/2018	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/1/2018	SPINACH	34704-474-ZA	MALATHION 8 AQUAMUL

GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/1/2018	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/1/2018	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/1/2018	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/2/2018	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/2/2018	SPINACH	34704-474-ZA	MALATHION 8 AQUAMUL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/2/2018	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/2/2018	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/2/2018	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/11/2018	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/11/2018	SPINACH	5481-621-AA	ABBA ULTRA
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/11/2018	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/11/2018	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/11/2018	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/12/2018	SPINACH	279-3126-ZB	MUSTANG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/12/2018	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/14/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/14/2018	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/14/2018	SPINACH	264-695-AA	REASON 500 SC FUNGIC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/14/2018	SPINACH	5481-621-AA	ABBA ULTRA
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/14/2018	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/14/2018	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/14/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/21/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/21/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/23/2018	BROCCOLI	10163-21-ZB	GOWAN MALATHION 8 FL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/23/2018	BROCCOLI	264-1050-AA	MOVENTO

GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/23/2018	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/23/2018	BROCCOLI	70506-121-AA	LAMBDA-CY EC AGRICUL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/28/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/28/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/28/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/28/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/29/2018	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/29/2018	SPINACH	264-695-AA	REASON 500 SC FUNGIC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/29/2018	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	6/29/2018	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	7/6/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	7/6/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	7/11/2018	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	7/11/2018	BROCCOLI	62719-447-ZA	GOALTENDER
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	7/12/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	7/12/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	7/13/2018	BROCCOLI	100-1402-AA	BESIEGE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	7/13/2018	BROCCOLI	10163-21-ZB	GOWAN MALATHION 8 FL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	7/13/2018	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	7/13/2018	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	7/19/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	7/19/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	7/25/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	7/25/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	7/26/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	7/26/2018	CILANTRO	61842-23-AA	LOROX DF

GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	7/27/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	7/27/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/1/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/1/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/3/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/3/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/8/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/8/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/11/2018	BROCCOLI	62719-447-ZA	GOALTENDER
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/11/2018	BROCCOLI	66222-46-AA	TRIFLUREX HFP
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/11/2018	BROCCOLI	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/17/2018	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/17/2018	BROCCOLI	62719-447-ZA	GOALTENDER
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/17/2018	BROCCOLI	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/18/2018	BROCCOLI	10163-21-ZB	GOWAN MALATHION 8 FL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/18/2018	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/18/2018	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/18/2018	BROCCOLI	70506-121-AA	LAMBDA-CY EC AGRICUL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/18/2018	BROCCOLI	352-597-AA	DUPONT AVAUNT INSECT
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/20/2018	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/20/2018	BROCCOLI	62719-447-ZA	GOALTENDER
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/20/2018	BROCCOLI	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/22/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	8/22/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/4/2018	SPINACH	279-3126-ZB	MUSTANG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/4/2018	SPINACH	74530-16-AA	RO-NEET HERBICIDE

GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/5/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/5/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/10/2018	CILANTRO	100-1098-ZC	QUADRIS FLOWABLE FUNGICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/10/2018	CILANTRO	100-1098-ZC	QUADRIS FLOWABLE FUNGICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/11/2018	SPINACH	279-3126-ZB	MUSTANG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/11/2018	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/12/2018	BROCCOLI	100-1402-AA	BESIEGE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/12/2018	BROCCOLI	10163-21-ZB	GOWAN MALATHION 8 FL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/12/2018	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/12/2018	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/14/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/14/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/18/2018	SPINACH	279-3126-ZB	MUSTANG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/18/2018	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/18/2018	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/18/2018	SPINACH	5481-621-AA	ABBA ULTRA
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/18/2018	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/18/2018	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/18/2018	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/21/2018	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/21/2018	BROCCOLI	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/21/2018	BROCCOLI	70506-301-AA	DEVRINOL 2-XT
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/22/2018	CILANTRO	100-1098-ZC	QUADRIS FLOWABLE FUNGICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/24/2018	BROCCOLI	10163-21-ZB	GOWAN MALATHION 8 FL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/24/2018	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/24/2018	BROCCOLI	7001-50028-AA	PHT ENTRY

GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/24/2018	BROCCOLI	70506-121-AA	LAMBDA-CY EC AGRICUL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/25/2018	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/25/2018	SPINACH	5481-621-AA	ABBA ULTRA
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/25/2018	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/25/2018	SPINACH	279-3126-ZB	MUSTANG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/25/2018	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/25/2018	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/25/2018	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/26/2018	BROCCOLI	10163-21-ZB	GOWAN MALATHION 8 FL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/26/2018	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/26/2018	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/26/2018	BROCCOLI	70506-121-AA	LAMBDA-CY EC AGRICUL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/26/2018	BROCCOLI	352-597-AA	DUPONT AVAUNT INSECT
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/28/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	9/28/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/2/2018	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/2/2018	SPINACH	279-3126-ZB	MUSTANG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/2/2018	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/2/2018	SPINACH	5481-621-AA	ABBA ULTRA
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/2/2018	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/2/2018	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/2/2018	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/6/2018	BROCCOLI	10163-21-ZB	GOWAN MALATHION 8 FL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/6/2018	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/6/2018	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/6/2018	BROCCOLI	70506-121-AA	LAMBDA-CY EC AGRICUL

GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/6/2018	BROCCOLI	10163-21-ZB	GOWAN MALATHION 8 FL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/6/2018	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/6/2018	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/6/2018	BROCCOLI	70506-121-AA	LAMBDA-CY EC AGRICUL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/6/2018	SPINACH	279-3126-ZB	MUSTANG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/6/2018	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/10/2018	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/10/2018	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/11/2018	CAULIFLOWER	62719-424-AA	GOAL 2XL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/11/2018	CAULIFLOWER	66222-46-AA	TRIFLUREX HFP
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/11/2018	CAULIFLOWER	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/11/2018	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/11/2018	SPINACH	5481-621-AA	ABBA ULTRA
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/11/2018	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/11/2018	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/11/2018	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/16/2018	BROCCOLI	100-1402-AA	BESIEGE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/16/2018	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/16/2018	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/17/2018	BROCCOLI	100-1098-AA	QUADRIS (CA, HI, & P
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/17/2018	BROCCOLI	100-1402-AA	BESIEGE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/17/2018	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/17/2018	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/17/2018	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/17/2018	SPINACH	5481-621-AA	ABBA ULTRA
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/17/2018	SPINACH	62719-545-AA	RADIANT SC

GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/17/2018	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/17/2018	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/19/2018	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/19/2018	SPINACH	5481-621-AA	ABBA ULTRA
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/19/2018	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/19/2018	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/19/2018	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/24/2018	CAULIFLOWER	62719-424-AA	GOAL 2XL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/24/2018	CAULIFLOWER	66222-46-AA	TRIFLUREX HFP
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	10/24/2018	CAULIFLOWER	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/12/2018	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/12/2018	BROCCOLI	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/12/2018	BROCCOLI	70506-301-AA	DEVRINOL 2-XT
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/12/2018	BROCCOLI	10163-21-ZB	GOWAN MALATHION 8 FL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/12/2018	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/12/2018	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/12/2018	BROCCOLI	70506-121-AA	LAMBDA-CY EC AGRICUL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/17/2018	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/17/2018	BROCCOLI	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/17/2018	BROCCOLI	70506-301-AA	DEVRINOL 2-XT
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/28/2018	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/28/2018	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/28/2018	BROCCOLI	100-1402-AA	BESIEGE
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	11/28/2018	BROCCOLI	100-953-AA	SWITCH 62.5WG
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/8/2018	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/8/2018	BROCCOLI	62719-447-ZA	GOALTENDER

GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/8/2018	BROCCOLI	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/14/2018	BROCCOLI	100-1098-AA	QUADRIS (CA, HI, & P
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/14/2018	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/20/2018	CAULIFLOWER	62719-424-AA	GOAL 2XL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/20/2018	CAULIFLOWER	66222-46-AA	TRIFLUREX HFP
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/20/2018	CAULIFLOWER	7001-50525-AA	PHT AD-HERE SP
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/28/2018	CAULIFLOWER	62719-424-AA	GOAL 2XL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/28/2018	CAULIFLOWER	66222-46-AA	TRIFLUREX HFP
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/28/2018	CAULIFLOWER	7001-50525-AA	PHT AD-HERE SP
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/29/2018	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/29/2018	BROCCOLI	62719-424-AA	GOAL 2XL
GOLD COAST FARMS	11	N OF PRELL / E OF HWY 101	12/29/2018	BROCCOLI	7001-50525-AA	PHT AD-HERE SP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/6/2019	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/6/2019	BROCCOLI	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/6/2019	BROCCOLI	70506-301-AA	DEVRINOL 2-XT
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/25/2019	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/25/2019	BROCCOLI	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/25/2019	BROCCOLI	70506-301-AA	DEVRINOL 2-XT
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/28/2019	CAULIFLOWER	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/28/2019	CAULIFLOWER	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/28/2019	CAULIFLOWER	70506-121-AA	LAMBDA-CY EC AGRICUL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/28/2019	BROCCOLI	264-1050-AA	MOVENTO

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/28/2019	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/28/2019	BROCCOLI	70506-121-AA	LAMBDA-CY EC AGRICUL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/28/2019	BROCCOLI	100-953-AA	SWITCH 62.5WG
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/28/2019	CAULIFLOWER	352-597-AA	DUPONT AVAUNT INSECT
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/7/2019	BROCCOLI	100-1098-ZA	QUADRIS FLOWABLE FUNGICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/7/2019	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/7/2019	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/7/2019	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/7/2019	BROCCOLI	70506-121-AA	LAMBDA-CY EC INSECTICIDE-RUP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/7/2019	BROCCOLI	100-953-AA	SWITCH 62.5WG
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/26/2019	BROCCOLI	100-1098-AA	QUADRIS (CA, HI, & P
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/26/2019	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/26/2019	BROCCOLI	70506-121-AA	LAMBDA-CY EC AGRICUL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/26/2019	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/26/2019	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/26/2019	BROCCOLI	70506-121-AA	LAMBDA-CY EC AGRICUL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/26/2019	SPINACH	279-3126-ZB	MUSTANG
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/26/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/26/2019	BROCCOLI	100-953-AA	SWITCH 62.5WG
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/13/2019	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/13/2019	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/20/2019	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/20/2019	BROCCOLI	62719-447-ZA	GOALTENDER
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/20/2019	BROCCOLI	7001-50525-AA	PHT AD-HERE SP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/20/2019	BROCCOLI	10163-21-ZB	GOWAN MALATHION 8 FL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/20/2019	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/20/2019	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/20/2019	BROCCOLI	100-953-AA	SWITCH 62.5WG
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/23/2019	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/23/2019	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/26/2019	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/26/2019	SPINACH	5481-621-AA	ABBA ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/26/2019	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/26/2019	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/26/2019	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/4/2019	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/4/2019	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/6/2019	CAULIFLOWER	100-1402-AA	BESIEGE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/6/2019	CAULIFLOWER	10163-21-ZB	GOWAN MALATHION 8 FL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/6/2019	CAULIFLOWER	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/6/2019	CAULIFLOWER	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/11/2019	BROCCOLI	100-1402-AA	BESIEGE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/11/2019	BROCCOLI	10163-21-ZB	GOWAN MALATHION 8 FL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/11/2019	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/11/2019	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/11/2019	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/11/2019	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/19/2019	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/19/2019	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/27/2019	SPINACH	279-3126-ZB	MUSTANG (CA & NY)
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/27/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/4/2019	SPINACH	279-3126-ZB	MUSTANG (CA & NY)
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/4/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/4/2019	BROCCOLI	100-1295-ZA	WARRIOR II WITH ZEON

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/4/2019	BROCCOLI	10163-21-ZB	GOWAN MALATHION 8 FL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/4/2019	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/4/2019	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/10/2019	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/10/2019	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/14/2019	SPINACH	5481-621-AA	ABBA ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/14/2019	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/14/2019	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/14/2019	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/14/2019	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/16/2019	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/16/2019	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/20/2019	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/20/2019	SPINACH	5481-621-AA	ABBA ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/20/2019	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/20/2019	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/20/2019	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/24/2019	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/24/2019	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/25/2019	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/25/2019	BROCCOLI	42750-110-AA	MACHO 2.0 FL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/25/2019	BROCCOLI	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/25/2019	BROCCOLI	70506-301-AA	DEVRINOL 2-XT
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/29/2019	SPINACH	279-3126-ZB	MUSTANG (CA & NY)
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/29/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/4/2019	SPINACH	279-3126-ZB	MUSTANG (CA & NY)
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/4/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/7/2019	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/7/2019	BROCCOLI	100-1295-ZA	WARRIOR II WITH ZEON
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/7/2019	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/7/2019	BROCCOLI	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/7/2019	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/7/2019	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/8/2019	SPINACH	279-3126-ZB	MUSTANG (CA & NY)
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/8/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/11/2019	BROCCOLI	10163-363-AA	TREFLAN HFP

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/11/2019	BROCCOLI	42750-110-AA	MACHO 2.0 FL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/11/2019	BROCCOLI	62719-447-ZA	GOALTENDER
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/11/2019	BROCCOLI	7001-50525-AA	PHT AD-HERE SP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/14/2019	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/14/2019	SPINACH	5481-621-AA	ABBA ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/14/2019	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/14/2019	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/14/2019	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/15/2019	SPINACH	279-3126-ZB	MUSTANG (CA & NY)
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/15/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/17/2019	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/17/2019	SPINACH	5481-621-AA	ABBA ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/17/2019	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/17/2019	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/17/2019	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/21/2019	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/21/2019	SPINACH	5481-621-AA	ABBA ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/21/2019	SPINACH	62719-545-AA	RADIANT SC

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/21/2019	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/21/2019	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/21/2019	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/21/2019	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/29/2019	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/29/2019	SPINACH	5481-621-AA	ABBA ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/29/2019	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/29/2019	SPINACH	279-3126-ZB	MUSTANG (CA & NY)
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/29/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/29/2019	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/29/2019	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/12/2019	CILANTRO	7001-50009-AA	PHT GUIDE-IT (CA)
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/12/2019	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/13/2019	SPINACH	279-3126-ZB	MUSTANG (CA & NY)
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/13/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/16/2019	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/16/2019	SPINACH	279-3126-ZB	MUSTANG (CA & NY)
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/16/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/16/2019	SPINACH	5481-621-AA	ABBA ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/16/2019	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/16/2019	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/16/2019	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/20/2019	SPINACH	279-3126-ZB	MUSTANG (CA & NY)
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/20/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/26/2019	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/26/2019	BROCCOLI	42750-110-AA	MACHO 2.0 FL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/26/2019	BROCCOLI	7001-50009-AA	PHT GUIDE-IT
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/26/2019	BROCCOLI	70506-301-AA	DEVRINOL 2-XT SELECTIVE HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/26/2019	CILANTRO	7001-50009-AA	PHT GUIDE-IT
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/26/2019	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/27/2019	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/27/2019	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/27/2019	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/27/2019	SPINACH	279-3126-ZB	MUSTANG INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/27/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/27/2019	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/27/2019	SPINACH	100-922-ZD	ACTIGARD 50WG PLANT ACTIVATOR
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/29/2019	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/29/2019	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/29/2019	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/29/2019	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/29/2019	SPINACH	100-922-ZD	ACTIGARD 50WG PLANT ACTIVATOR
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/1/2019	BROCCOLI	100-1402-AA	BESIEGE INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/1/2019	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/1/2019	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/2/2019	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/2/2019	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/2/2019	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/2/2019	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/2/2019	SPINACH	100-922-ZD	ACTIGARD 50WG PLANT ACTIVATOR
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/3/2019	SPINACH	279-3126-ZB	MUSTANG INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/3/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/7/2019	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/7/2019	BROCCOLI	42750-110-AA	MACHO 2.0 FL

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/7/2019	BROCCOLI	62719-447-ZA	GOALTENDER
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/7/2019	BROCCOLI	7001-50009-AA	PHT GUIDE-IT
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/9/2019	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOLOGIES FORTIFY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/9/2019	CILANTRO	100-1098-ZC	QUADRIS FLOWABLE FUNGICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/9/2019	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/10/2019	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/10/2019	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/10/2019	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/10/2019	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/10/2019	SPINACH	100-922-ZD	ACTIGARD 50WG PLANT ACTIVATOR
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/17/2019	BROCCOLI	100-1295-ZA	WARRIOR II WITH ZEON TECHNOLOGY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/17/2019	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/17/2019	BROCCOLI	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/17/2019	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/17/2019	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/17/2019	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/17/2019	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/17/2019	SPINACH	279-3126-ZB	MUSTANG INSECTICIDE

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/17/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/17/2019	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/17/2019	SPINACH	100-922-ZD	ACTIGARD 50WG PLANT ACTIVATOR
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/24/2019	SPINACH	279-3126-ZB	MUSTANG INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/24/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/25/2019	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOLOGIES FORTIFY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/25/2019	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/31/2019	SPINACH	279-3126-ZB	MUSTANG INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/31/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/31/2019	CILANTRO	7001-50540-AA	PLANT HEALTH TECHNOLOGIES FORTIFY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	8/31/2019	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/1/2019	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/1/2019	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/1/2019	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/7/2019	SPINACH	279-3126-ZB	MUSTANG (CA & NY)
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/7/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/9/2019	SPINACH	100-1612-AA	ORONDIS ULTRA (PREMI
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/9/2019	SPINACH	5481-621-AA	ABBA ULTRA

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/9/2019	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/9/2019	SPINACH	70506-66-ZA	PERM-UP 25DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/9/2019	SPINACH	100-922-ZD	ACTIGARD 50WG
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/10/2019	SPINACH	279-3126-ZB	MUSTANG (CA & NY)
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/10/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/14/2019	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/14/2019	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/14/2019	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/14/2019	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/14/2019	SPINACH	100-922-ZD	ACTIGARD 50WG PLANT ACTIVATOR
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/17/2019	SPINACH	279-3126-ZB	MUSTANG INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/17/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/19/2019	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/19/2019	BROCCOLI	42750-110-AA	MACHO 2.0 FL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/19/2019	BROCCOLI	7001-50559-AA	GAUNTLET
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/19/2019	BROCCOLI	70506-301-AA	DEVRINOL 2-XT SELECTIVE HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/19/2019	BROCCOLI	100-1402-AA	BESIEGE INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/19/2019	BROCCOLI	10163-21-ZB	GOWAN MALATHION 8 FLOWABLE

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/19/2019	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/19/2019	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/24/2019	SPINACH	279-3126-ZB	MUSTANG INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/24/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/24/2019	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/24/2019	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/24/2019	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/24/2019	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/24/2019	SPINACH	100-922-ZD	ACTIGARD 50WG PLANT ACTIVATOR
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/25/2019	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/25/2019	BROCCOLI	42750-110-AA	MACHO 2.0 FL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/25/2019	BROCCOLI	7001-50559-AA	GAUNTLET
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/25/2019	BROCCOLI	70506-301-AA	DEVRINOL 2-XT SELECTIVE HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/28/2019	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/28/2019	BROCCOLI	42750-110-AA	MACHO 2.0 FL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/28/2019	BROCCOLI	62719-447-ZA	GOALTENDER
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	9/28/2019	BROCCOLI	7001-50559-AA	GAUNTLET
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/1/2019	SPINACH	279-3126-ZB	MUSTANG INSECTICIDE

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/1/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/3/2019	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/3/2019	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/3/2019	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/3/2019	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/3/2019	SPINACH	100-922-ZD	ACTIGARD 50WG PLANT ACTIVATOR
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/7/2019	BROCCOLI	5481-479-AA	DIBROM 8 EMULSIVE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/7/2019	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/7/2019	BROCCOLI	100-1402-AA	BESIEGE INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/7/2019	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/7/2019	BROCCOLI	5481-479-AA	DIBROM 8 EMULSIVE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/7/2019	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/7/2019	BROCCOLI	10163-21-ZB	GOWAN MALATHION 8 FLOWABLE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/7/2019	BROCCOLI	279-9587-AA	AVAUNT INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/8/2019	SPINACH	279-3126-ZB	MUSTANG INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/8/2019	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/9/2019	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/9/2019	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/9/2019	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/9/2019	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/9/2019	SPINACH	100-922-ZD	ACTIGARD 50WG PLANT ACTIVATOR
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/19/2019	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/19/2019	BROCCOLI	42750-110-AA	MACHO 2.0 FL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/19/2019	BROCCOLI	7001-50559-AA	GAUNTLET
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/19/2019	BROCCOLI	70506-301-AA	DEVRINOL 2-XT SELECTIVE HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/19/2019	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/19/2019	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/19/2019	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/19/2019	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/19/2019	SPINACH	100-922-ZD	ACTIGARD 50WG PLANT ACTIVATOR
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/22/2019	CAULIFLOWER	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/22/2019	CAULIFLOWER	42750-110-AA	MACHO 2.0 FL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/22/2019	CAULIFLOWER	7001-50559-AA	GAUNTLET
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/22/2019	CAULIFLOWER	70506-301-AA	DEVRINOL 2-XT SELECTIVE HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/25/2019	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/25/2019	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/25/2019	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/25/2019	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/25/2019	SPINACH	100-922-ZD	ACTIGARD 50WG PLANT ACTIVATOR
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/26/2019	BROCCOLI	100-1402-AA	BESIEGE INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/26/2019	BROCCOLI	10163-21-ZB	GOWAN MALATHION 8 FLOWABLE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/26/2019	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/26/2019	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/26/2019	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/26/2019	BROCCOLI	42750-110-AA	MACHO 2.0 FL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/26/2019	BROCCOLI	7001-50559-AA	GAUNTLET
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	10/26/2019	BROCCOLI	70506-301-AA	DEVRINOL 2-XT SELECTIVE HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	11/1/2019	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	11/1/2019	BROCCOLI	42750-110-AA	MACHO 2.0 FL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	11/1/2019	BROCCOLI	7001-50559-AA	GAUNTLET
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	11/1/2019	BROCCOLI	70506-301-AA	DEVRINOL 2-XT SELECTIVE HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	11/8/2019	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	11/8/2019	BROCCOLI	42750-110-AA	MACHO 2.0 FL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	11/8/2019	BROCCOLI	62719-447-ZA	GOALTENDER

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	11/8/2019	BROCCOLI	7001-50559-AA	GAUNTLET
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	11/16/2019	BROCCOLI	100-1295-ZA	WARRIOR II WITH ZEON TECHNOLOGY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	11/16/2019	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	11/16/2019	BROCCOLI	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	11/16/2019	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	11/23/2019	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	11/23/2019	BROCCOLI	42750-110-AA	MACHO 2.0 FL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	11/23/2019	BROCCOLI	62719-447-ZA	GOALTENDER
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	11/23/2019	BROCCOLI	7001-50559-AA	GAUNTLET
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	11/26/2019	BROCCOLI	62719-447-ZA	GOALTENDER
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	11/26/2019	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	11/26/2019	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	11/26/2019	BROCCOLI	100-953-AA	SWITCH 62.5WG
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	11/26/2019	BROCCOLI	100-953-AA	SWITCH 62.5WG
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	12/12/2019	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	12/12/2019	BROCCOLI	62719-424-AA	GOAL 2XL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	12/12/2019	BROCCOLI	7001-50559-AA	GAUNTLET
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	12/18/2019	BROCCOLI	100-1098-ZC	QUADRIS FLOWABLE FUNGICIDE

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	12/18/2019	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	12/18/2019	BROCCOLI	70506-187-AA	MICROTHIOL DISPERSS
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/10/2020	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/10/2020	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/10/2020	BROCCOLI	100-953-AA	SWITCH 62.5WG
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/10/2020	BROCCOLI	100-953-AA	SWITCH 62.5WG
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/14/2020	CILANTRO	7001-50559-AA	GAUNTLET
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/14/2020	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/22/2020	BROCCOLI	100-1098-ZC	QUADRIS FLOWABLE FUNGICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/22/2020	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/22/2020	BROCCOLI	100-1098-ZC	QUADRIS FLOWABLE FUNGICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/22/2020	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/22/2020	BROCCOLI	70506-187-AA	MICROTHIOL DISPERSS
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/22/2020	BROCCOLI	70506-187-AA	MICROTHIOL DISPERSS
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/28/2020	CILANTRO	7001-50559-AA	GAUNTLET
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	1/28/2020	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/8/2020	SPINACH	279-3126-ZB	MUSTANG INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/8/2020	SPINACH	74530-16-AA	RO-NEET HERBICIDE

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/12/2020	CAULIFLOWER	100-1402-AA	BESIEGE INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/12/2020	CAULIFLOWER	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/12/2020	CAULIFLOWER	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/15/2020	SPINACH	279-3126-ZB	MUSTANG INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/15/2020	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/15/2020	CILANTRO	7001-50559-AA	GAUNTLET
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/15/2020	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/19/2020	SPINACH	279-3126-ZB	MUSTANG INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/19/2020	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/25/2020	SPINACH	279-3126-ZB	MUSTANG INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	2/25/2020	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/1/2020	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/1/2020	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/1/2020	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/1/2020	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/3/2020	SPINACH	279-3126-ZB	MUSTANG INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/3/2020	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/4/2020	CILANTRO	7001-50559-AA	GAUNTLET

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/4/2020	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/6/2020	BROCCOLI	10163-21-ZB	GOWAN MALATHION 8 FLOWABLE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/6/2020	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/6/2020	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/6/2020	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/6/2020	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/6/2020	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/6/2020	BROCCOLI	100-953-AA	SWITCH 62.5WG
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/10/2020	SPINACH	279-3126-ZB	MUSTANG INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/10/2020	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/21/2020	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/21/2020	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/21/2020	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/21/2020	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/21/2020	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/21/2020	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/21/2020	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/22/2020	BROCCOLI	100-1098-ZC	QUADRIS FLOWABLE FUNGICIDE

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/22/2020	BROCCOLI	100-1295-ZA	WARRIOR II WITH ZEON TECHNOLOGY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/22/2020	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/22/2020	BROCCOLI	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/22/2020	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/22/2020	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/22/2020	BROCCOLI	42750-110-AA	MACHO 2.0 FL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/22/2020	BROCCOLI	7001-50559-AA	GAUNTLET
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/22/2020	BROCCOLI	70506-301-AA	DEVRINOL 2-XT SELECTIVE HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/22/2020	BROCCOLI	70506-187-AA	MICROTHIOL DISPERSS
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/28/2020	SPINACH	279-3126-ZB	MUSTANG INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	3/28/2020	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/1/2020	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/1/2020	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/1/2020	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/1/2020	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/2/2020	CILANTRO	7001-50559-AA	GAUNTLET
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/2/2020	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/4/2020	SPINACH	279-3126-ZB	MUSTANG INSECTICIDE

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/4/2020	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/14/2020	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/14/2020	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/14/2020	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/14/2020	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/16/2020	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/16/2020	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/16/2020	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/16/2020	CILANTRO	7001-50559-AA	GAUNTLET
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/16/2020	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/16/2020	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/23/2020	CILANTRO	7001-50559-AA	GAUNTLET
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/23/2020	CILANTRO	61842-23-AA	LOROX DF
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/25/2020	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/25/2020	BROCCOLI	42750-110-AA	MACHO 2.0 FL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/25/2020	BROCCOLI	7001-50559-AA	GAUNTLET
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/25/2020	BROCCOLI	70506-301-AA	DEVRINOL 2-XT SELECTIVE HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/25/2020	CAULIFLOWER	10163-363-AA	TREFLAN HFP

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/25/2020	CAULIFLOWER	42750-110-AA	MACHO 2.0 FL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/25/2020	CAULIFLOWER	7001-50559-AA	GAUNTLET
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/25/2020	CAULIFLOWER	70506-301-AA	DEVRINOL 2-XT SELECTIVE HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/25/2020	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/25/2020	BROCCOLI	42750-110-AA	MACHO 2.0 FL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/25/2020	BROCCOLI	7001-50559-AA	GAUNTLET
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	4/25/2020	BROCCOLI	70506-301-AA	DEVRINOL 2-XT SELECTIVE HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/1/2020	SPINACH	279-3126-ZB	MUSTANG INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/1/2020	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/4/2020	BROCCOLI	10163-363-AA	TREFLAN HFP
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/4/2020	BROCCOLI	42750-110-AA	MACHO 2.0 FL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/4/2020	BROCCOLI	7001-50559-AA	GAUNTLET
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/4/2020	BROCCOLI	70506-301-AA	DEVRINOL 2-XT SELECTIVE HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/14/2020	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/14/2020	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/14/2020	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/14/2020	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/23/2020	BROCCOLI	264-1050-AA	MOVENTO

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/23/2020	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/23/2020	BROCCOLI	100-1276-ZA	ENDIGO ZC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/23/2020	BROCCOLI	100-904-ZB	PROCLAIM INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/29/2020	SPINACH	264-840-AA	BAYTHROID XL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	5/29/2020	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/5/2020	SPINACH	264-840-AA	BAYTHROID XL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/5/2020	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/12/2020	SPINACH	264-840-AA	BAYTHROID XL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/12/2020	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/12/2020	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/12/2020	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/12/2020	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/12/2020	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/18/2020	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/18/2020	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/18/2020	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/18/2020	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/23/2020	BROCCOLI	100-1276-ZA	ENDIGO ZC

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/23/2020	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/23/2020	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/23/2020	BROCCOLI	100-904-ZB	PROCLAIM INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/24/2020	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/24/2020	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/24/2020	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/24/2020	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/26/2020	CAULIFLOWER	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/26/2020	CAULIFLOWER	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/26/2020	CAULIFLOWER	100-1276-ZA	ENDIGO ZC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/26/2020	CAULIFLOWER	100-904-ZB	PROCLAIM INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/30/2020	CAULIFLOWER	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/30/2020	CAULIFLOWER	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/30/2020	CAULIFLOWER	100-1276-ZA	ENDIGO ZC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	6/30/2020	CAULIFLOWER	100-904-ZB	PROCLAIM INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/3/2020	SPINACH	264-840-AA	BAYTHROID XL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/3/2020	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/6/2020	BROCCOLI	100-1276-ZA	ENDIGO ZC

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/6/2020	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/6/2020	BROCCOLI	5481-479-AA	DIBROM 8 EMULSIVE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/6/2020	BROCCOLI	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/6/2020	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/10/2020	BROCCOLI	100-1276-ZA	ENDIGO ZC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/10/2020	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/10/2020	BROCCOLI	5481-479-AA	DIBROM 8 EMULSIVE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/10/2020	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/10/2020	SPINACH	264-840-AA	BAYTHROID XL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/10/2020	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/10/2020	BROCCOLI	100-1276-ZA	ENDIGO ZC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/10/2020	BROCCOLI	264-1050-AA	MOVENTO
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/10/2020	BROCCOLI	5481-479-AA	DIBROM 8 EMULSIVE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/10/2020	BROCCOLI	7001-50028-AA	PHT ENTRY
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/10/2020	BROCCOLI	100-904-ZB	PROCLAIM INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/10/2020	BROCCOLI	100-904-ZB	PROCLAIM INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/14/2020	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/14/2020	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE

GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/14/2020	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/14/2020	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/17/2020	SPINACH	264-840-AA	BAYTHROID XL
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/17/2020	SPINACH	74530-16-AA	RO-NEET HERBICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/22/2020	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/22/2020	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/22/2020	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/22/2020	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/29/2020	SPINACH	100-1612-AA	ORONDIS ULTRA
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/29/2020	SPINACH	5481-621-AA	ABBA ULTRA MITICIDE/INSECTICIDE
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/29/2020	SPINACH	62719-545-AA	RADIANT SC
GOLD COAST FARMS	04	S OF BETTERAVIA RD AND ROSEMARY RD	7/29/2020	SPINACH	70506-66-ZA	PERM-UP 25 DF INSECTICIDE
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	2/16/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	2/16/2017	STRAWBERRY	62719-410-ZC	RALLY 40 WSP
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	2/16/2017	STRAWBERRY	66222-58-ZA	CAPTAN GOLD 80WDG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	2/16/2017	STRAWBERRY	70051-108-AA	DOUBLE NICKEL 55
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/10/2017	STRAWBERRY	400-503-ZB	ACRAMITE 50WS (024/0
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/10/2017	STRAWBERRY	66222-58-ZA	CAPTAN GOLD 80WDG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/10/2017	STRAWBERRY	10163-250-AA	SAVEY 50 DF
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/10/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/10/2017	STRAWBERRY	352-729-AA	DUPONT CORAGEN INSEC

RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/10/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/10/2017	STRAWBERRY	34704-50035-AA	LI 700
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/10/2017	STRAWBERRY	34704-50038-AA	CHOICE WEATHER MASTE
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/10/2017	STRAWBERRY	352-729-AA	DUPONT CORAGEN INSEC
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/10/2017	STRAWBERRY	80289-8-AA	METTLE 125 ME
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/11/2017	STRAWBERRY	66330-56-ZB	PH-D(R) FUNGICIDE
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/11/2017	STRAWBERRY	7969-199-AA	PRISTINE(R) FUNGICID
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/11/2017	STRAWBERRY	10163-250-AA	SAVEY 50 DF
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/11/2017	STRAWBERRY	400-503-ZB	ACRAMITE 50WS (024/0
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/11/2017	STRAWBERRY	7969-199-AA	PRISTINE(R) FUNGICID
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/11/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/11/2017	STRAWBERRY	34704-50035-AA	LI 700
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/11/2017	STRAWBERRY	34704-50038-AA	CHOICE WEATHER MASTE
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/11/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/15/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/15/2017	STRAWBERRY	8033-103-AA-10163	TORINO
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/15/2017	STRAWBERRY	100-922-ZD	ACTIGARD 50WG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/15/2017	STRAWBERRY	66222-58-ZA	CAPTAN GOLD 80WDG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/15/2017	STRAWBERRY	70506-187-AA	MICROTHIOL DISPERSS
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/20/2017	UNCULTIVATED AG	228-365-ZA	AQUANEAT (CA & NY) A
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/31/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/31/2017	STRAWBERRY	264-777-AA	FLINT FUNGICIDE
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/31/2017	STRAWBERRY	66222-58-ZA	CAPTAN GOLD 80WDG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/31/2017	STRAWBERRY	70051-66-ZA	JAVELIN WG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	3/31/2017	STRAWBERRY	70506-187-AA	MICROTHIOL DISPERSS
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	4/5/2017	STRAWBERRY	264-1090-AA	LUNA SENSATION

RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	4/5/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	4/5/2017	STRAWBERRY	34704-50038-AA	CHOICE WEATHER MASTE
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	4/5/2017	STRAWBERRY	7969-336-AA	NEALTA(R) MITICIDE
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	4/12/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	4/12/2017	STRAWBERRY	62719-375-AA	QUINTEC
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	4/12/2017	STRAWBERRY	66222-58-ZA	CAPTAN GOLD 80WDG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	4/12/2017	STRAWBERRY	70051-66-ZA	JAVELIN WG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	4/12/2017	STRAWBERRY	70506-187-AA	MICROTHIOL DISPERSS
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	4/17/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	4/17/2017	STRAWBERRY	34704-50038-AA	CHOICE WEATHER MASTE
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	4/17/2017	STRAWBERRY	400-514-ZD	VIGILANT 4SC (090414
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	4/17/2017	STRAWBERRY	71512-10-AA-279	BELEAF 50 SG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	4/17/2017	STRAWBERRY	7969-199-AA	PRISTINE(R) FUNGICID
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	4/29/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	4/29/2017	STRAWBERRY	66222-35-ZD-400	RIMON 0.83EC (022/08
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	4/29/2017	STRAWBERRY	8033-103-AA-10163	TORINO
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	4/29/2017	STRAWBERRY	66222-58-ZA	CAPTAN GOLD 80WDG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	4/29/2017	STRAWBERRY	73049-40-AA	XENTARI(R) BIOLOGICA
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/4/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/4/2017	STRAWBERRY	66222-35-ZD-400	RIMON 0.83EC (022/08
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/4/2017	STRAWBERRY	8033-103-AA-10163	TORINO
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/4/2017	STRAWBERRY	66222-58-ZA	CAPTAN GOLD 80WDG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/4/2017	STRAWBERRY	73049-40-AA	XENTARI(R) BIOLOGICA
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/5/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/5/2017	STRAWBERRY	66222-35-ZD-400	RIMON 0.83EC (022/08
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/5/2017	STRAWBERRY	8033-103-AA-10163	TORINO

RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/5/2017	STRAWBERRY	66222-58-ZA	CAPTAN GOLD 80WDG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/5/2017	STRAWBERRY	73049-40-AA	XENTARI(R) BIOLOGICA
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/13/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/13/2017	STRAWBERRY	352-729-AA	DUPONT CORAGEN INSEC
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/13/2017	STRAWBERRY	62719-375-AA	QUINTEC
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/13/2017	STRAWBERRY	66222-58-ZA	CAPTAN GOLD 80WDG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/13/2017	STRAWBERRY	71512-10-AA-279	BELEAF 50 SG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/15/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/15/2017	STRAWBERRY	352-729-AA	DUPONT CORAGEN INSEC
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/15/2017	STRAWBERRY	62719-375-AA	QUINTEC
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/15/2017	STRAWBERRY	66222-58-ZA	CAPTAN GOLD 80WDG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/15/2017	STRAWBERRY	71512-10-AA-279	BELEAF 50 SG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/22/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/22/2017	STRAWBERRY	400-518-ZC	PROCURE 480SC (015/0
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/22/2017	STRAWBERRY	66222-35-ZD-400	RIMON 0.83EC (022/08
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/22/2017	STRAWBERRY	100-953-AA	SWITCH 62.5WG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/23/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/23/2017	STRAWBERRY	400-518-ZC	PROCURE 480SC (015/0
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/23/2017	STRAWBERRY	66222-35-ZD-400	RIMON 0.83EC (022/08
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	5/23/2017	STRAWBERRY	100-953-AA	SWITCH 62.5WG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/5/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/5/2017	STRAWBERRY	352-729-AA	DUPONT CORAGEN INSEC
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/5/2017	STRAWBERRY	8033-103-AA-10163	TORINO
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/5/2017	STRAWBERRY	66222-58-ZA	CAPTAN GOLD 80WDG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/5/2017	STRAWBERRY	71512-10-AA-279	BELEAF 50 SG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/6/2017	STRAWBERRY	34704-50031-AA	FREEWAY

RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/6/2017	STRAWBERRY	352-729-AA	DUPONT CORAGEN INSEC
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/6/2017	STRAWBERRY	8033-103-AA-10163	TORINO
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/6/2017	STRAWBERRY	66222-58-ZA	CAPTAN GOLD 80WDG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/6/2017	STRAWBERRY	71512-10-AA-279	BELEAF 50 SG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/7/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/7/2017	STRAWBERRY	352-729-AA	DUPONT CORAGEN INSEC
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/7/2017	STRAWBERRY	8033-103-AA-10163	TORINO
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/7/2017	STRAWBERRY	66222-58-ZA	CAPTAN GOLD 80WDG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/7/2017	STRAWBERRY	71512-10-AA-279	BELEAF 50 SG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/15/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/15/2017	STRAWBERRY	66222-35-ZD-400	RIMON 0.83EC (022/08
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/15/2017	STRAWBERRY	264-777-AA	FLINT FUNGICIDE
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/15/2017	STRAWBERRY	66222-58-ZA	CAPTAN GOLD 80WDG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/15/2017	STRAWBERRY	73049-40-AA	XENTARI(R) BIOLOGICA
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/17/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/17/2017	STRAWBERRY	66222-35-ZD-400	RIMON 0.83EC (022/08
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/17/2017	STRAWBERRY	264-777-AA	FLINT FUNGICIDE
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/17/2017	STRAWBERRY	66222-58-ZA	CAPTAN GOLD 80WDG
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/17/2017	STRAWBERRY	73049-40-AA	XENTARI(R) BIOLOGICA
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/23/2017	STRAWBERRY	279-3108-AA	BRIGADE WSB
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/23/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/23/2017	STRAWBERRY	7969-310-AA	MERIVON(R) XEMIUM(R)
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/23/2017	STRAWBERRY	80289-8-AA	METTLE 125 ME
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/26/2017	STRAWBERRY	279-3108-AA	BRIGADE WSB
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/26/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/26/2017	STRAWBERRY	7969-310-AA	MERIVON(R) XEMIUM(R)

RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/26/2017	STRAWBERRY	80289-8-AA	METTLE 125 ME
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/27/2017	STRAWBERRY	279-3108-AA	BRIGADE WSB
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/27/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/27/2017	STRAWBERRY	7969-310-AA	MERIVON(R) XEMIUM(R)
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	6/27/2017	STRAWBERRY	80289-8-AA	METTLE 125 ME
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	7/12/2017	STRAWBERRY	8033-125-AA-70506	TOPSIN M WSB
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	7/12/2017	STRAWBERRY	8033-23-AA-70506	ASSAIL 70 WP
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	7/12/2017	STRAWBERRY	100-617-ZG	TILT (CA & HI)
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	7/12/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	7/14/2017	STRAWBERRY	8033-125-AA-70506	TOPSIN M WSB
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	7/14/2017	STRAWBERRY	8033-23-AA-70506	ASSAIL 70 WP
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	7/14/2017	STRAWBERRY	100-617-ZG	TILT (CA & HI)
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	7/14/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	8/4/2017	STRAWBERRY	34704-50031-AA	FREEWAY
RINCON PACIFIC LLC	04	Betteravia Rd/Rosemary Rd	8/4/2017	STRAWBERRY	70506-227-AA	BIFENTURE 10DF

The Santa Barbara County Agricultural Commissioner's Office provides free access to our pesticide use records on our website at: http://cosb.countyofsb.org/agcomm/agcomm.aspx?id=11588. If there is additional information I can provide regarding this request or you have any questions please feel free to contact me. Thank you.

Respectfully,

Andrew Schaeffer
Agricultural Biologist
Agricultural Commissioner's Office
624 West Foster Road, Santa Maria, CA 93455
Phone: (805) 934-6200 | Fax: (805) 934-6202
http://countyofsb.org/agcomm

APPENDIX E

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

Buena Resources, Inc. is a locally owned and operated full-service environmental company providing environmental consulting, field services and analytical services. Our environmental professionals are experienced in Phase I assessment, Phase II subsurface investigations and Phase III remediation. Our staff consists of professional engineers and environmental technicians. Personnel are OSHA 40 hour trained to perform environmental work when hazardous chemicals are involved. Clients for whom we've performed our services include major oil company, large utilities, industrial facilities, lending institutions, real estate developers and property owners and sellers.

The following professionals performed work related to this project:

Mr. Daniel Ringstmeyer is a Registered Professional Engineer, Colorado and California, Registered Environmental Assessor, Certified OSHA 40-Hour Trained worker, 8-Hour Trained Haz-mat Supervisor and a licensed California General Engineering Contractor. Mr. Ringstmeyer holds a bachelors of science in civil engineering from the South Dakota State University. He is the Founder/Owner and Principal Engineer of **Buena Resources, Inc.** and CIRRUS Environmental, Inc. He is the Principle Engineer responsible for all work performed by the environmental consulting/contracting firm. Mr. Ringstmeyer has conducted Phase I ESA assessments, Phase II subsurface investigations and Phase III remediation projects for sites throughout California and Mexico. He has designed and managed many successful remediation projects utilizing soil vapor extraction/thermal oxidation, bioremediation, groundwater pump and treat, and carbon adsorption throughout California and Mexico including the closure of a large Class I TSD Landfill facility. He has also directly been responsible for the closure of several idled oil fields and illegal agriculture landfills.

padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

December 16, 2020
Project No. 2001-8071

Buena Resources
Post Office Box 2040
Santa Maria, CA 93457

Attention: Mr. Dan Ringstmeyer

Subject: Letter-Report, Soil Gas Assessment Activities, 1750 West Betteravia Road, Santa Maria, Santa Barbara County, California

Dear Mr. Ringstmeyer:

Padre Associates, Inc. (Padre) has prepared this letter-report to document the field procedures and results of preliminary soil gas assessment activities completed at the approximately 108.77-acre property located at 1750 East Betteravia Road, Santa Maria, Santa Barbara County California (Project Site). Refer to Plate 1 – Site Location Map and Plate 2 - Site Plan. Padre completed the field activities on November 25, 2020.

The following sections provide a summary of the soil gas assessment activities performed by Padre at the Project Site, as well as Padre's conclusions and recommendations. Supporting information is contained within the following attachments: tables; plates; Appendix A, which includes site photographs taken during the course of the assessment activities; Appendix B, which includes copies of field logs and well permits; and Appendix C, which includes the analytical laboratory reports and chain-of-custody documentation.

PROJECT SUMMARY

The Project Site is an approximately 108.77-acre property located east of the city of Santa Maria, and is currently utilized for row crop production. Padre understands that a new cold storage and packaging facility is proposed for construction at the Project Site by Arctic Cold, LLC (Arctic Cold), and that Rincon Consultants, Inc. (Rincon), acting as the environmental consultant for the County of Santa Barbara (County), has requested the completion of a soil gas assessment to evaluate the potential for sub-surface gas and/or methane gas associated with historical oil/gas production activities in the vicinity of the Project Site that could potentially migrate through the facility concrete floor slab.

Historically, the Project Site was utilized for oil production activities as part of the Santa Maria Valley Oil and Gas Field, Tract No. 5, Vincent B Lease and contained ten oil production wells (W2, W3, W4, W9, W11, W18, W19, W20, W21 and W22) and associated sumps, tank batteries, and pipelines operated by Union Oil Company of California (Unocal), which was acquired by Chevron in 2005. All of the oil wells at the Project Site except W19 and W20 were

plugged and abandoned between 1962 and 1985 (AECOM, 2014). Oil Wells W19 and W20 are currently idle and owned and operated by HVI Cat Canyon, Inc. The proposed Arctic Cold facility is situated in close proximity to abandoned oil wells W9, W21, and W22.

Site assessment and restoration activities were reportedly performed at the Project Site as part of Chevron's voluntary restoration program for its Santa Maria Valley Unit (SMVU) liabilities between 1998 and 2008. These previous assessment and restoration activities were primarily limited to the sump features associated with the wells and tank batteries, and miscellaneous debris pits and were completed by various consultants for Chevron. Several reports documenting these activities, along with requests for closure, were submitted to the lead oversight agency (SBCFPD). Pursuant to those closure requests, SBCFPD issued No Further Action (NFA) determinations for the sump features associated with oil wells W2, W3, W4, W9, W11, W18, W21, and W22; Tank Batteries A-South, A-South II, and B; and lease roads on APNs 128-097-001 and 128-097-002 (AECOM, 2014).

Potential petroleum hydrocarbon-impacts associated with wellheads/cellars and oilfield pipelines were not addressed in previous assessment and restoration efforts. However, it is Padre's understanding that work plans to assess and remediate (if necessary) the W9, W21, and W22 well heads located adjacent to the proposed Arctic Cold facility have been approved by the Santa Barbara County Public Health Department Division of Environmental Health Services (EHS).

At the request of Buena Resources, Padre prepared a Technical Work Plan (TWP) in response to the request by Rincon to complete soil gas assessment activities to supplement the additional assessment activities approved at the Project Site. Provided below is a summary of the soil gas assessment activities performed by Padre on November 25, 2020, at the Project Site.

PRE-FIELD ACTIVITIES

Padre prepared a site-specific health and safety plan (HASP) for implementation during the course of the planned site assessment activities. The HASP includes the procedures, equipment, and materials/supplies utilized to protect worker and community health and safety during the course of the soil gas assessment activities.

Padre obtained drill hole permits from EHS for the drill holes completed as dual nested soil gas probes. Padre notified EHS at least 48 hours prior to the initiation of field activities. The planned assessment area was delineated with white paint, and Padre notified Underground Service Alert (USA) at least 48 hours prior to initiating ground disturbance activities at the Project Site.

ASSESSMENT METHODOLOGY

Drill Hole Advancement

On November 25, 2020, four direct-push drill holes (SG-1 through SG-4) were advanced to total depths of approximately 15 feet below ground surface (bgs) at locations biased toward oil wells W9, W21, and W22, as well as the proposed office/administrative areas of the planned Arctic Cold facility. Each drill hole was advanced using a direct-push drilling rig operated by Oilfield Environmental and Compliance (OEC) of Santa Maria, California. OEC is a California C-57 licensed drilling contractor. The drill hole locations are shown on Plate 2.

During the course of direct-push drilling activities, Padre inspected soil cores collected in direct push core barrel liners for logging purposes. Soil materials encountered in each drill hole were logged by Padre using the Unified Soil Classification System (USCS) and screened for the presence of VOCs using a photo-ionization detector (PID) calibrated to hexane.

Soil Gas Probe Construction, Sampling and Abandonment Activities

Padre observed and documented the construction of four temporary, dual-nested soil gas probes at the locations of drill holes SG-1 through SG-4 (refer to Plate 2). The soil gas probes were set at depths of approximately 5- and 15-feet bgs within each completed drill hole location. The temporary soil gas probes were installed and sampled in accordance with the Department of Toxic Substance Control (DTSC) and Regional Water Quality Control Board (RWQCB) Advisory – Active Soil Gas Investigations protocol (Advisory) (DTSC and RWQCB, 2015). Mr. Tom Rejzek of SBEHS witnessed construction of two of the four soil gas probes.

Each dual-nested soil gas probe tip was set at approximate respective depths of 5- and 15-feet bgs. Each soil gas probe inlet was placed within a 1-foot sand pack, with 1-foot of dry granular bentonite placed on top of the sand pack to preclude the infiltration of hydrated bentonite. The drill hole was then backfilled between the soil gas probes and to the ground surface with hydrated granular bentonite. Nylaflow® tubing (1/8-inch) was connected from the gas probe inlet to the ground surface. The end of the tubing was labeled with the soil gas probe ID, and a one-way valve closure was installed to eliminate entry of ambient air.

Atmospheric Conditions. Soil gas sampling activities did not occur during the course of a significant rain event or within five days of a significant rain event (0.5-inch or greater amount of rainfall during a 24-hour period). Additionally, soil gas sampling activities were not performed during the passage of low-pressure systems over the area.

Shut-In Test. A shut-in test was conducted to check for leaks in the aboveground soil gas probe fittings prior to collecting each soil gas sample. Vacuum was exerted on the aboveground sample train system using a soil gas purging syringe until the vacuum gauge on the sampling assembly read approximately -10 inches of mercury (in Hg), and then all of the system valves were closed. To be used for soil gas sample collection, the sampling train maintained the measured vacuum of approximately -10 inches Hg for at least 1 minute. If there was any

observable loss of vacuum, the fittings were adjusted as needed until the vacuum in the aboveground portion of the sample train did not noticeably dissipate. After the shut-in test was completed and validated, the sampling train was not altered.

Purge Volume. Prior to soil gas sample collection, each soil gas probe was appropriately purged to remove at least three times the volume of air contained within the tubing and filter pack pore space.

Leak Test. The soil gas samples were collected in 100% individually-certified "clean" SUMMA canisters. The leak detection compound 1,1-difluoroethane (1,1-DFA) was utilized to indicate potential leaks of ambient air into the soil gas sampling system. The leak detection compound was sprayed onto towels that were placed near the soil gas sampling assembly valves and connections. The soil gas samples collected into the SUMMA canisters were chemically analyzed for 1,1-DFA as part of the laboratory VOCs analyses.

Soil Gas Sample Collection. Padre collected soil gas samples at the Project Site on November 25, 2020 from soil gas probes SG-1 through SG-4. Soil gas sample nomenclature corresponds to the soil gas probe number and probe depth (SG-#-D). The initial SUMMA canister vacuum reading (typically around -30 in Hg), canister serial number, and sample ID were recorded prior initiating sample collection. The valve to the SUMMA canister was opened and sampling continued until vacuum remaining in each SUMMA canister reached approximately -2 in Hg. Upon completion of the soil gas sample collection, the final vacuum and sample time were recorded. The SUMMA canisters were sealed, labeled, and secured for transportation. Chain-of-custody forms were used to document sample management procedures.

Soil Gas Probe Abandonment. The soil gas probes were abandoned by removing the tubing from each drill hole location to the extent possible. The probe construction materials were excavated from the drill hole to a depth of approximately 3 feet bgs, or to the extent possible. The drill hole annulus was then sealed to within 1-foot of the surrounding grade using hydrated granular bentonite. The remaining 1-foot of each drill hole will be restored to match the adjacent ground surface.

Decontamination Procedures

Non-dedicated field sampling equipment was cleaned before use, between sample locations, and after the completion of fieldwork. Cleaning procedures consist of a non-phosphate detergent wash, two rinses with tap water, and a final de-ionized water rinse.

Assessment-Derived Wastes

Assessment-derived wastes included soil cuttings and wash water. Assessment-derived wastes were placed in California Department of Transportation (DOT)-approved 55-gallon drums and labeled accordingly, pending off-site disposal at an approved disposal facility.

Survey

As-built drill hole locations were surveyed by Padre using a hand-held global positioning system (GPS) receiver with sub-meter accuracy.

Laboratory Analytical Program

A total of nine soil gas samples (8 primary samples and one duplicate) were submitted for chemical analyses to H&P Mobile Geochemistry, Inc. (H&P) located in Carlsbad, California. H&P is an ELAP-certified laboratory. All soil gas samples were chemically analyzed for the presence of the following constituents:

- Full-list VOCs by U.S. Environmental Protection Agency (EPA) Method TO-15; and
- Methane by U.S. EPA TM 8015M.

Laboratory Analytical Results

The laboratory analytical results of the soil gas samples collected at the Project Site were compared to established DTSC Human Health Risk Assessment Note 3 Screening Levels for Ambient Air (DTSC HHRA Note 3 SLs), Industrial Cancer Endpoint Final Values (DTSC, 2020). Where DTSC Screening Levels are not established, soil gas results were compared to established U.S. EPA Composite Worker Screening Levels for indoor air (RSLs) (U.S. EPA, 2020) or San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Levels for Subslab/Soil Gas – Commercial/Industrial Worker Scenario (RWQCB, 2019). The DTSC established generic attenuation factor of 0.03 was applied to ambient / indoor air screening levels for soil gas comparisons. Refer to Table 2 for a summary of soil gas sample analytical results. Provided below is a discussion of the laboratory analytical results for soil gas samples chemically analyzed. In the discussion below, “detectable concentrations” refer to concentrations indicated above the laboratory reporting limits, and do not include J-Flag (estimated) concentrations.

- A total of ten VOC constituents were detected in the eight soil gas samples as well as the duplicate soil gas sample. Of these, none of the individual VOC constituents detected exceeded the respective screening levels for the planned commercial/industrial uses;
- VOCs were generally detected at greater frequency and at relatively higher concentrations in the shallow soil gas probes than in the deeper soil gas probes;
- The leak detection compound 1,1-DFA was not indicated at detectable concentrations in any of the chemically analyzed soil gas samples; and
- Methane was not indicated at detectable concentrations in any of the soil gas samples chemically analyzed.

Quality Assurance / Quality Control

The Quality Assurance/Quality Control (QA/QC) procedures were utilized in both sample collection and chemical analyses. The purpose of the QA/QC procedures was to ensure the reliability and compatibility of all data generated during the sampling program.

Field QA/QC procedures performed during the sampling program consisted of the following measures:

- Daily information regarding sample collection was recorded on field data sheets and/or field logbooks. Sample types, sample identification numbers, and sample times were collected and recorded on field data sheets and/or field logbooks.
- A shut-in test was performed at each soil gas probe location prior to sample collection to ensure the air-tight integrity of the soil gas sample train assembly.
- Leak detection testing was performed at each soil gas probe location during the course of the sample collection activities to evaluate the soil gas probe assembly and annular space for leaks of ambient air.
- COC records were utilized to document sample collection and submittal to the laboratory for analyses. A COC record accompanied all samples submitted for chemical analyses.
- Padre collected one field duplicate sample during the soil gas sampling activities. Sample DUP-1 was a replicate of soil gas sample SG-3-4.5'. The duplicate sample was collected to evaluate the precision of the laboratory analytical instruments / results. The soil gas VOCs analytical results for the duplicate sample were similar to the analytical results for soil gas sample SG-3-4.5'. The results of the chemical analyses of the duplicate samples indicates an acceptable level of precision in the soil gas analytical data.

Laboratory QA/QC procedures include the following measures:

- Chemical analyses were performed within the required holding time for all samples.
- A state-certified hazardous waste testing laboratory performed the required analyses.
- The laboratory provided the following information for each sample:
  - Method blank data;
  - Surrogate recovery, instrument tuning, and calibration data; and
  - Signed laboratory reports including the sample designation, date of sample collection, date of sample analysis, laboratory analytical method employed, sample volume, and the minimum reporting limit (RL).

CONCLUSIONS

Based on the laboratory analytical results of the Phase II ESA activities completed at the Project Site, Padre makes the following conclusions presented below:

- A total of ten VOC constituents were detected in the eight soil gas samples, as well as the duplicate soil gas sample. Of these, none of the VOC constituents detected exceeded the respective screening levels for the planned commercial/industrial uses;
- Methane was not indicated at detectable concentrations in any of the soil gas samples chemically analyzed; and
- Based on Padre's findings, no further action is recommended at this time regarding VOC and methane constituents in soil gas within the shallow subsurface at the proposed Arctic Cold facility location.

LIMITATIONS

This letter-report has been prepared for the sole benefit of Arctic Cold, LLC and Buena Resources. No other persons may rely on the findings of this report without the expressed written consent of the client and Padre Associates, Inc.

In performing our professional services, we have attempted to apply present engineering and scientific judgment and use a level of effort consistent with the standard of practice measured on the date of work and in locale of the Project Site for similar type studies. Padre Associates, Inc. makes no warranty, express or implied.

The analyses and interpretations presented in this report have been developed based on the results from the review of existing information pertaining to the site, soil and soil gas sampling at discrete locations at the Project Site, and the results from the laboratory analyses of the soil and soil gas samples. It should be recognized that contamination can vary between sampling locations and between areas.

CLOSURE

If you have any questions or require additional information, please contact Mr. Eric Snelling at (805) 786-2650, extension 112 or esnelling@padreinc.com.

Sincerely,

PADRE ASSOCIATES, INC.

Brett D. Sullivan, P.G.
Senior Geologist

Eric K. Snelling
Principal

Jerome K. Summerlin, P.G., C.E.G.
President

PROFESSIONAL GEOLOGIST
JEROME K. SUMMERLIN
EG NO. 1950
CERTIFIED
ENGINEERING
GEOLOGIST
STATE OF CALIFORNIA

Attachments: References
Table 1
Plates 1 and 2
Appendices A, B, and C

REFERENCES

AECOM, 2014. Site Assessment Work Plan, Former Vincent B Lease, W2, W3, W4, W9, W11, W18, W21, and W22 Wellheads, ASTs, and Oil Field Pipelines, APNs: 128-0907-001 and 128-097-002, Santa Maria, Santa Barbara County, California, SMU-2 #20062. Submitted to Santa Barbara County Environmental Health Services, September.

DTSC, 2015. Advisory - Active Soil Gas Investigations, Jointly Issued by the Regional Water Quality Control Board, Los Angeles Region, Regional Water Quality Control Board, San Francisco Bay Region and the Department of Toxic Substances Control, dated July.

DTSC, 2020. Human Health Risk Assessment Note 3 Screening Levels, dated June.

Padre, 2020. Technical Work Plan, Soil Vapor Survey, Planned Arctic Cold Facility, 1750 East Betteravia Road, Santa Maria, Santa Barbara County, California, dated October 21.

RWQCB, 2020. Environmental Screening Levels, dated January.

U.S. EPA, 2020. Regional Screening Levels for Chemical Contaminants at Superfund Sites, Summary Tables, dated May.

TABLES

Table 1
Soil Gas Analytical Results - Methane and VOCs
1750 East Betteravia Road
Santa Maria, Santa Barbara County, California

Sample ID	Date	Methane	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1,2-Trichlorotrifluoroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Difluoroethane (Leak Detection Compound)	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane (EDC)	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Butanone	2-Hexanone	4-Ethyltoluene	4-Methyl-2-pentanone	Benzene	Bromodichloromethane	Bromoform	Bromomethane
***DTSC Industrial SL**		--	**56.7**	--	**7.0**	--	--	**257**	--	--	**56.7**	--	--	--		--	--	--	--	--	--	--	--	**14**	**11**	**367**	--
Industrial ESL		--	**55**	**1.5E+05**	**7.0**	**26**	--	**260**	**10000**	--	**290**	--	**0.68**	**29000**	**16**	**41**	--	--	**37**	**7.3E+5**	**4.4E+05**	--	**4.4E+05**	**14**	**11**	**370**	**730**
***EPA Industrial RSL**		--	**56.7**	**7.3E+06**	**7.0**	**25.7**	**7.3E+05**	**257**	**29000**	--	**293**	**8667**	**0.67**	**29000**	**15.7**	**110**	**8667**	--	**36.7**	**7.3E+05**	--	--	**4.3E+05**	**53.3**	**11**	**367**	**733**
SG-1-6'	11/25/2020	<10	<7.0	<5.5	<7.0	<5.5	<7.7	<4.1	<4.0	<5.5	<38	**18**	<7.8	<12	<4.1	<9.4	**6.1**	<12	<12	<30	<8.3	**5.0**	<8.3	**12**	<6.8	<10	<16
SG-1-15'	11/25/2020	<10	<7.0	<5.5	<7.0	<5.5	<7.7	<4.1	<4.0	<5.5	<38	<5.0	<7.8	<12	<4.1	<9.4	<5.0	<12	<12	<30	<8.3	<5.0	**20.0**	**3.8**	<6.8	<10	<16
SG-2-6'	11/25/2020	<10	<7.0	<5.5	<7.0	<5.5	<7.7	<4.1	<4.0	<5.5	<38	**29**	<7.8	<12	<4.1	<9.4	**10**	<12	<12	<30	<8.3	**7.9**	<8.3	**13**	<6.8	<10	<16
SG-2-15'	11/25/2020	<10	<7.0	<5.5	<7.0	<5.5	<7.7	<4.1	<4.0	<5.5	<38	<5.0	<7.8	<12	<4.1	<9.4	<5.0	<12	<12	<30	<8.3	<5.0	**9.0**	**6.0**	<6.8	<10	<16
SG-3-4.5'	11/25/2020	<10	<7.0	<5.5	<7.0	<5.5	<7.7	<4.1	<4.0	<5.5	<38	**5.0**	<7.8	<12	<4.1	<9.4	<5.0	<12	<12	<30	<8.3	<5.0	<8.3	**3.2**	<6.8	<10	<16
SG-3-15'	11/25/2020	<10	<7.0	<5.5	<7.0	<5.5	<7.7	<4.1	<4.0	<5.5	<38	<5.0	<7.8	<12	<4.1	<9.4	<5.0	<12	<12	<30	<8.3	<5.0	**12**	**7.1**	<6.8	<10	<16
SG-4-6'	11/25/2020	<10	<7.0	<5.5	<7.0	<5.5	<7.7	<4.1	<4.0	<5.5	<38	**26**	<7.8	<12	<4.1	<9.4	**8.8**	<12	<12	<30	<8.3	**7.5**	<8.3	**8.4**	<6.8	<10	<16
SG-4-15'	11/25/2020	<10	<7.0	<5.5	<7.0	<5.5	<7.7	<4.1	<4.0	<5.5	<38	<5.0	<7.8	<12	<4.1	<9.4	<5.0	<12	<12	<30	<8.3	<5.0	<8.3	<3.2	<6.8	<10	<16
DUP-1	11/25/2020	<10	<7.0	<5.5	<7.0	<5.5	<7.7	<4.1	<4.0	<5.5	<38	**12**	<7.8	<12	<4.1	<9.4	<5.0	<12	<12	<30	<8.3	<5.0	<8.3	**9.1**	<6.8	<10	<16

Notes:

All results in micrograms per cubic meter (µg/m^3) except methane at parts per million by volume
<15 = not detected with reporting limit shown
27 = Bold text indicates compound detected
DTSC SL = California Department of Toxic Substances Control - Human Health Risk Assessment (HHRA) Note 3 Screening Levels for Ambient Air, June 2020
RSL = U.S. EPA Screening Levels for indoor air November 2020
* = For soil gas results comparisons to Ambient Air are multiplied by the generic attenuation factor of 0.03 for “near-source” exterior soil gas in accordance with U.S. EPA, 2015
ESL = San Francisco Bay Regional Water Quality Control Board Environmental Screening Level for Subslab/Soil Gas, Table SG-1 for Commercial/Industrial Scenario.
10 = quantifiable result exceeds DTSC Industrial SL, ESL, and/or U.S. EPA RSL

Table 1
Soil Gas Analytical Results - Methane and VOCs
1750 East Betteravia Road
Santa Maria, Santa Barbara County, California

Sample ID	Date	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dichlorodifluoromethane	Dichlorotetrafluoroethane	Ethylbenzene	Hexachlorobutadiene	m,p-Xylene	Methylene chloride	o-Xylene	Styrene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene (TCE)	Trichlorofluoromethane	Vinyl chloride
***DTSC Industrial SL**		--	**66.7**	--	--	--	--	--	--	--	--	--	--	**18.7**	--	**400**	--	--	**66.7**	--	--	--	--	--	**5.3**
Industrial ESL		--	**68**	**7300**	**1.5E+06**	**18**	**13000**	**1200**	**26**	--	--	--	**160**	**19**	**15000**	**410**	--	**1.3E+05**	**67**	**44000**	**12000**	**26**	**100**	--	**5.2**
***EPA Industrial RSL**		**1.0E+05**	**66.7**	**7333**	--	**17.7**	**13000**	--	--	--	**14667**	--	**163**	**18.7**	**14667**	**4.0E+04**	**14667**	**1.4E+06**	**1567**	**7.3E+05**	**6000**	**2933**	**100**	--	**93.3**
SG-1-6'	11/25/2020	<6.3	<6.4	<4.7	<8.0	<4.9	<2.1	<4.0	<4.6	<8.6	<5.0	<7.1	**11**	<54	**41**	<3.5	**13**	<4.3	<6.9	**22**	<8.0	<4.6	<5.5	<5.6	<2.6
SG-1-15'	11/25/2020	<6.3	<6.4	<4.7	<8.0	<4.9	<2.1	<4.0	<4.6	<8.6	<5.0	<7.1	<4.4	<54	<8.8	<3.5	<4.4	<4.3	<6.9	**7.9**	<8.0	<4.6	<5.5	<5.6	<2.6
SG-2-6'	11/25/2020	<6.3	<6.4	<4.7	<8.0	<4.9	<2.1	<4.0	<4.6	<8.6	<5.0	<7.1	**13**	<54	**59**	<3.5	**18**	<4.3	<6.9	**24**	<8.0	<4.6	<5.5	<5.6	<2.6
SG-2-15'	11/25/2020	<6.3	<6.4	<4.7	<8.0	<4.9	<2.1	<4.0	<4.6	<8.6	<5.0	<7.1	<4.4	<54	**9.1**	<3.5	<4.4	<4.3	**9.7**	**16**	<8.0	<4.6	<5.5	<5.6	<2.6
SG-3-4.5'	11/25/2020	<6.3	<6.4	<4.7	<8.0	<4.9	<2.1	<4.0	<4.6	<8.6	<5.0	<7.1	**4.4**	<54	**8.8**	<3.5	**4.4**	<4.3	<6.9	**3.8**	<8.0	<4.6	<5.5	<5.6	<2.6
SG-3-15'	11/25/2020	<6.3	<6.4	<4.7	<8.0	<4.9	<2.1	<4.0	<4.6	<8.6	<5.0	<7.1	<4.4	<54	**9.8**	<3.5	<4.4	<4.3	<6.9	**16**	<8.0	<4.6	<5.5	<5.6	<2.6
SG-4-6'	11/25/2020	<6.3	<6.4	<4.7	<8.0	<4.9	<2.1	<4.0	<4.6	<8.6	<5.0	<7.1	**16**	<54	**61**	<3.5	**19**	<4.3	<6.9	**21**	<8.0	<4.6	<5.5	<5.6	<2.6
SG-4-15'	11/25/2020	<6.3	<6.4	<4.7	<8.0	<4.9	<2.1	<4.0	<4.6	<8.6	<5.0	<7.1	<4.4	<54	<8.8	<3.5	<4.4	<4.3	<6.9	**4.1**	<8.0	<4.6	<5.5	<5.6	<2.6
DUP-1	11/25/2020	<6.3	<6.4	<4.7	<8.0	<4.9	<2.1	<4.0	<4.6	<8.6	<5.0	<7.1	**13**	<54	**42**	<3.5	**14**	<4.3	<6.9	**25**	<8.0	<4.6	<5.5	<5.6	<2.6

Notes:

All results in micrograms per cubic meter (µg/m^3) except methane at parts per million by volume
<15 = not detected with reporting limit shown
27 = Bold text indicates compound detected
DTSC SL = California Department of Toxic Substances Control - Human Health Risk Assessment (HHRA) Note 3 Screening Levels for Ambient Air, June 2020
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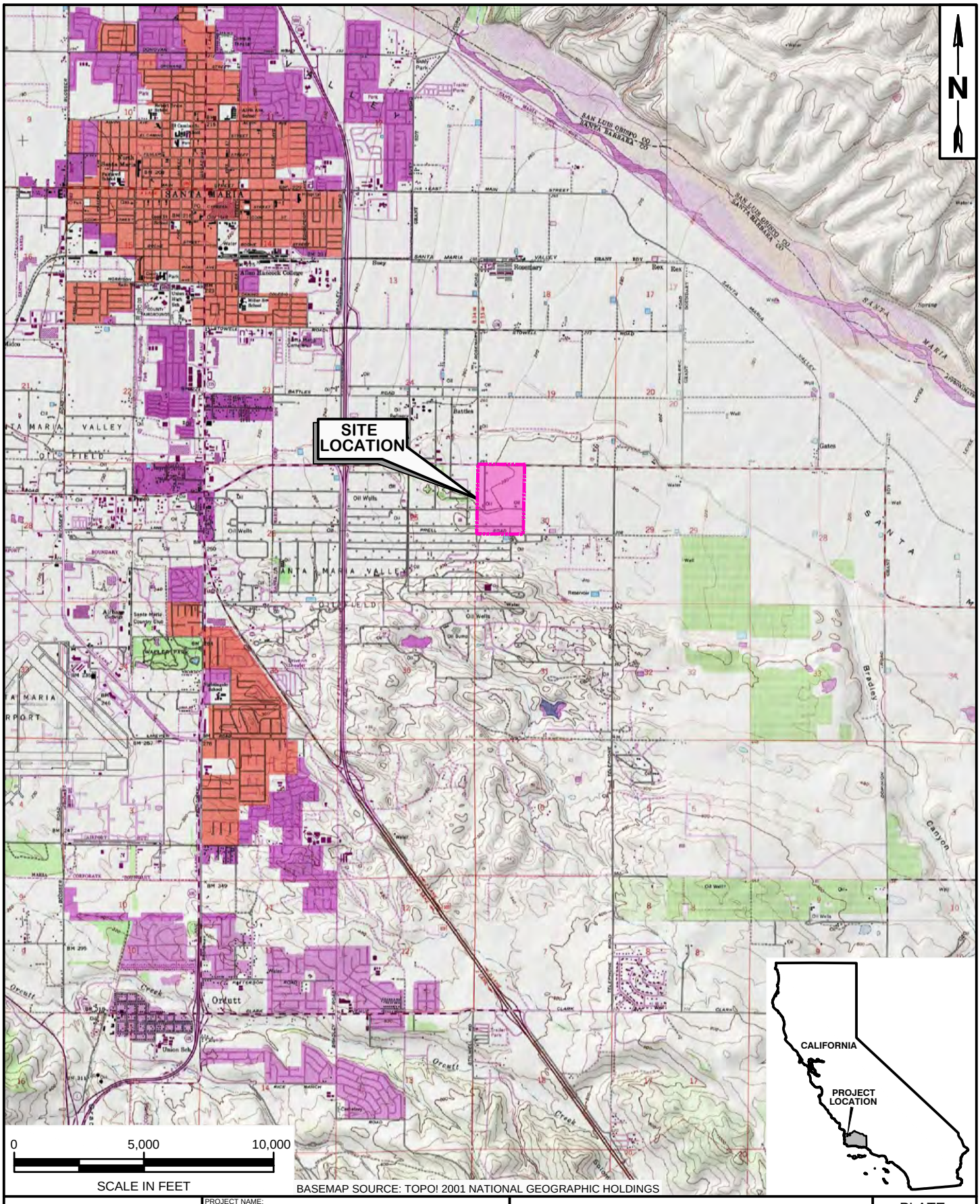
10 = quantifiable result exceeds DTSC Industrial SL, ESL, and/or U.S. EPA RSL

PLATES



BASEMAP SOURCE: TOPO! 2001 NATIONAL GEOGRAPHIC HOLDINGS

padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

PROJECT NAME:
Soil Vapor Survey
1750 East Betteravia Road
Santa Maria
County of Santa Barbara, CA

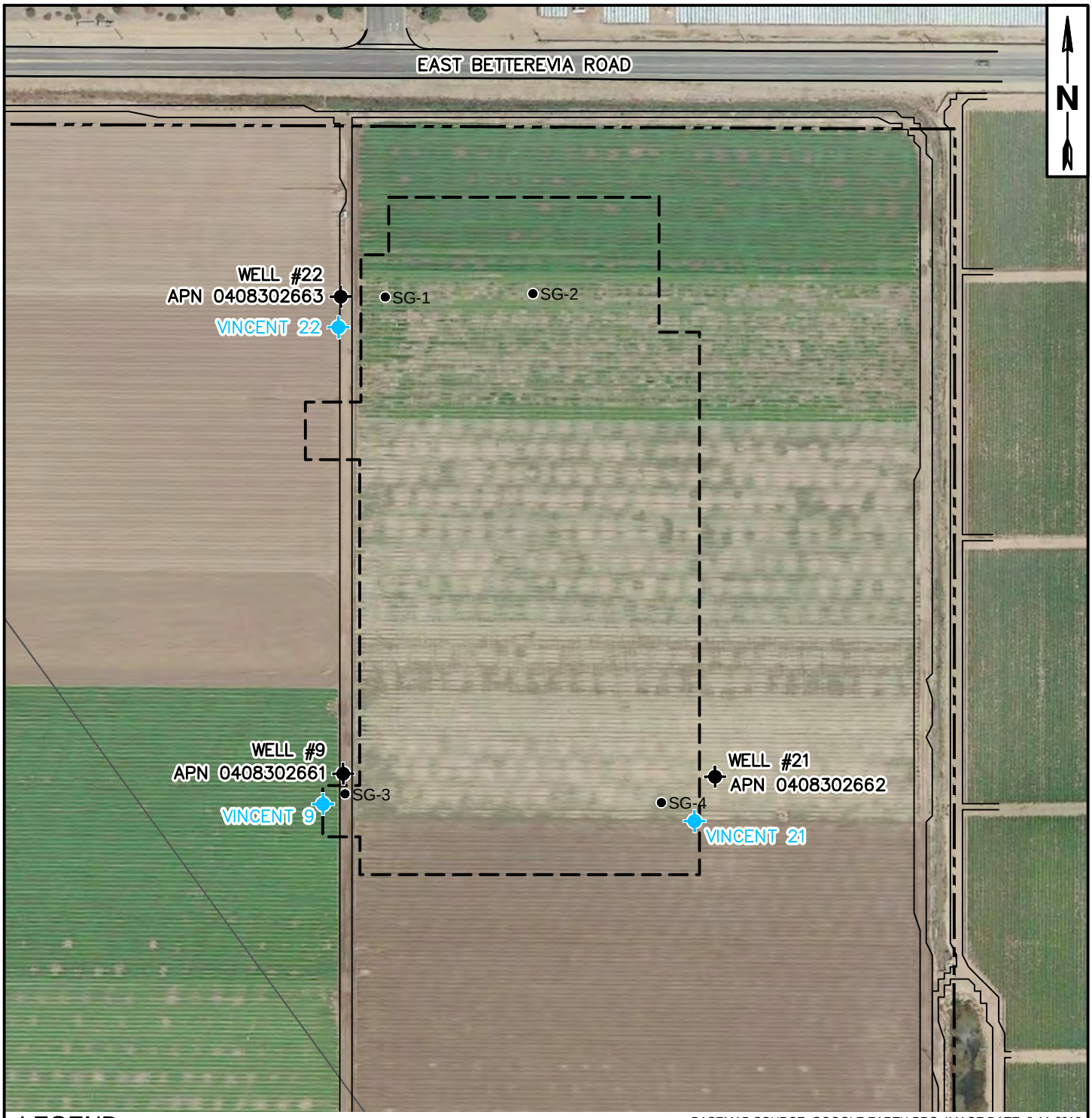
PROJECT NUMBER: 2001-8071

DATE: December 2020

SITE LOCATION MAP

PLATE 1

Z:\Current Projects\2001-8071 1750 E. Betteravia SVS\Graphics\Site Location Map.dwg, 10/20/2020 12:10:37 PM



BASEMAP SOURCE: GOOGLE EARTH PRO; IMAGE DATE: 8-11-2018

LEGEND

- SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- EXISTING DIRT ROAD
- EXISTING PAVED ROAD
- ABANDONED OIL WELL (FARGON SURVEYS)
- ABANDONED OIL WELL (VERIFY LOCATION)
- SG-1 PROPOSED SOIL GAS PROBE LOCATION

0 200 400

SCALE IN FEET

padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

PROJECT NAME:
Soil Vapor Survey
1750 East Betteravia Road
Santa Maria
County of Santa Barbara, CA

PROJECT NUMBER: 2001-8071

DATE: December 2020

Site Plan Showing Soil Gas Probe Locations

PLATE
2

Z:\Current Projects\2001-8071 1750 E. Betteravia SVS\Graphics\1750 E Betteravia.dwg, 10/20/2020 3:47:21 PM

APPENDIX A
SITE PHOTOGRAPHS

Photo 1. Oil Well W9 location.

Photo 2. Oil Well W9 location and soil gas location SG-3 (far stake).

Photo 3. Oil Well W21 location (near stake) and soil gas location SG-4 (far stake).

Photo 4. Soil gas location SG-4.

Photo 5. Soil gas location SG-4 (near stake) and oil well W21 (far stake).

Photo 6. Soil gas location SG-1 during sample collection.

APPENDIX B
DRILL HOLE LOGS

December 2020
Project No. 2001-8071

padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

LOCATION:
SURFACE ELEVATION: ft +/- (relative datum)
NORTHING: 2166847.00
EASTING: 5843382.00
COORDINATE SYSTEM: NAD83 SP Ca Zn 5, ft

ELEVATION, ft MSL DEPTH, ft	SOIL GAS PROBE DIAGRAM	USCS MATERIAL SYMBOL	SAMPLE ID	SAMPLE INTERVAL	MATERIAL DESCRIPTION	Gas Monitor: MiniRAE 2000 (ppm)
0					SAND (SP), loose, dark yellowish brown (10YR 3/4), moist, fine grained sand; little silt, no hydrocarbon staining or odor	
2	Hydrated granular bentonite					
4					Little fine sand (ML), firm, strong brown (7.5YR 4/6), very moist to wet, no hydrocarbon staining or odor	
6	Dry granular bentonite; #3 Sand pack; Probe tip					0.0
8						
10					Some silt; little clay; angular gravel (SP), strong brown (7.5YR 4/6), moist, no hydrocarbon staining or odor	3.1
12						
14	Dry granular bentonite; #3 Sand pack; Probe tip				Clean SAND (SP), medium dense, brown (10YR 5/3), damp, fine to medium grained; many quartzose grains, no hydrocarbon staining or odor	1.2
16						
18						

Z:\GINT\1-PADRE GINT PROJECTS\2001-8071 1750 E. BETTERAVIA\2001-8071_E.BETTERAVIA_113020.GPJ 12/16/20 11:42 a, Template: PADRE_GPWELL01

DRILLING DATE: November 25, 2020
DEPTH TO GROUNDWATER: Not Encountered
WELL COMPLETION DEPTH: 15.0 ft

DRILLING/SAMPLING METHOD: Direct-Push
DRILLING COMPANY: OEC
LOGGED BY: P. Lavelle
CHECKED BY: B. Sullivan, P.G.

LOG OF SOIL BORING SG-1

1750 East Betteravia
Santa Maria, Santa Barbara County, California

December 2020
Project No. 2001-8071

padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

ELEVATION, ft MSL / DEPTH, ft	SOIL GAS PROBE DIAGRAM	USCS MATERIAL SYMBOL	SAMPLE ID	SAMPLE INTERVAL	LOCATION: SURFACE ELEVATION: ft +/- (relative datum) NORTHING: 2166852.00 EASTING: 2166847.00 COORDINATE SYSTEM: NAD83 SP Ca Zn 5, ft MATERIAL DESCRIPTION	Gas Monitor: MiniRAE 2000 (ppm)
2	Hydrated granular bentonite				SAND (SP), loose, dark yellowish brown (10YR 3/4), moist, fine grained; some silt, no hydrocarbon staining or odor	
4					Little fine sand (ML) and clay, firm, strong brown (7.5YR 4/6), very moist to wet, no hydrocarbon staining or odor	
6	Dry granular bentonite #3 Sand pack Probe tip				Becomes moist	0.0
8					Same as above; but no sand	
10						4.1
12					CLean SAND (SP), medium dense, brown (10YR 4/4), damp, fine to medium grained; few fine gravel, no hydrocarbon staining or odor	
14	Dry granular bentonite #3 Sand pack Probe tip					1.8
16						
18						

Z:\GINT\1-PADRE GINT PROJECTS\2001-8071 1750 E. BETTERAVIA\2001-8071_E.BETTERAVIA_113020.GPJ 12/16/20 11:42 a, Template: PADRE_GPWELL01

DRILLING DATE: November 25, 2020
DEPTH TO GROUNDWATER: Not Encountered
WELL COMPLETION DEPTH: 15.0 ft

DRILLING/SAMPLING METHOD: Direct-Push
DRILLING COMPANY: OEC
LOGGED BY: P. Lavelle
CHECKED BY: B. Sullivan, P.G.

LOG OF SOIL BORING SG-2

1750 East Betteravia
Santa Maria, Santa Barbara County, California

December 2020
Project No. 2001-8071

padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

LOCATION:
SURFACE ELEVATION: ft +/- (relative datum)
NORTHING: 2166160.00
EASTING: 5843122.00
COORDINATE SYSTEM: NAD83 SP Ca Zn 5, ft

ELEVATION, ft MSL DEPTH, ft	SOIL GAS PROBE DIAGRAM	USCS MATERIAL SYMBOL	SAMPLE ID	SAMPLE INTERVAL	MATERIAL DESCRIPTION	Gas Monitor: MiniRAE 2000 (ppm)
0					SAND (SP), loose, dark yellowish brown (10YR 3/4), moist, fine grained; some silt, no hydrocarbon staining or odor	
2	Hydrated granular bentonite					
	Dry granular bentonite				Little fine sand (ML) and clay, firm, strong brown (7.5YR 4/6), very moist to wet, no hydrocarbon staining or odor	
4	#3 Sand pack				Same as above; decrease silt content	
	Probe tip					0.0
6					Same as above, but silty, strong brown (7.5YR 4/6), becomes wet, no hydrocarbon staining or odor	
8					Dense, becomes moist, sand is very fine grained; no hydrocarbon staining or odor	
10						0.0
12						
14	Dry granular bentonite				SAND (SP), medium dense, strong brown (7.5YR 4/6), moist, fine to medium grained; trace coarse sand; few subrounded gravel, no hydrocarbon staining or odor	
	#3 Sand pack					
	Probe tip					0.0
16						
18						

Z:\GINT\1-PADRE GINT PROJECTS\2001-8071 1750 E. BETTERAVIA\2001-8071_E.BETTERAVIA_113020.GPJ 12/16/20 11:42 a, Template: PADRE_GPWELL01

DRILLING DATE: November 25, 2020
DEPTH TO GROUNDWATER: Not Encountered
WELL COMPLETION DEPTH: 15.0 ft

DRILLING/SAMPLING METHOD: Direct-Push
DRILLING COMPANY: OEC
LOGGED BY: P. Lavelle
CHECKED BY: B. Sullivan, P.G.

LOG OF SOIL BORING SG-3

1750 East Betteravia
Santa Maria, Santa Barbara County, California

December 2020
Project No. 2001-8071

padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

LOCATION:
SURFACE ELEVATION: ft +/- (relative datum)
NORTHING: 2166147.00
EASTING: 5843560.00
COORDINATE SYSTEM: NAD83 SP Ca Zn 5, ft

ELEVATION, ft MSL / DEPTH, ft	SOIL GAS PROBE DIAGRAM	USCS MATERIAL SYMBOL	SAMPLE ID	SAMPLE INTERVAL	MATERIAL DESCRIPTION	Gas Monitor: MiniRAE 2000 (ppm)
0					Poorly graded SAND (SP), loose, dark yellowish brown (10YR 3/4), moist, fine grained, no hydrocarbon staining or odor	
2	Hydrated granular bentonite					
4					Wet	
6	Dry granular bentonite; #3 Sand pack; Probe tip				Moist	0.0
8						
10					SILT with some Sand (ML), medium stiff, strong brown (7.5YR 4/6), moist, some clay, no hydrocarbon staining or odor	0.0
12						
14	Dry granular bentonite; #3 Sand pack; Probe tip				Poorly graded SAND (SP), medium dense, dark yellowish brown (10YR 3/4), damp, fine grained, many gravels, no hydrocarbon staining or odor	0.0
16						
18						

Z:\GINT\1-PADRE GINT PROJECTS\2001-8071 1750 E. BETTERAVIA\2001-8071_E.BETTERAVIA_113020.GPJ 12/16/20 11:42 a, Template: PADRE_GPWELL01

DRILLING DATE: November 25, 2020
DEPTH TO GROUNDWATER: Not Encountered
WELL COMPLETION DEPTH: 15.0 ft

DRILLING/SAMPLING METHOD: Direct-Push
DRILLING COMPANY: OEC
LOGGED BY: P. Lavelle
CHECKED BY: B. Sullivan, P.G.

LOG OF SOIL BORING SG-4

1750 East Betteravia
Santa Maria, Santa Barbara County, California

APPENDIX C
SOIL GAS SAMPLE COLLECTION LOG

padre associates, inc.

Vapor Sampling with Summa Canisters

Site Address: 1750 E. Betteravia Rd. Date: 11/25/20

Project No./Name: 1750 E. Betteravia Rd. Arrival Time: 0730

Padre Field Rep(s): Paul L. / Kody G. Departure Time: 1700

		Summa Canister Information						Probe Specifications							Sample Information					
	Sample Point ID	Summa #	Flow Cont. ID#	Initial Vac (in. Hg)	Sample Start Time	Sample End Time	End Vac (in. Hg)	Probe Depth (ft)	Tubing Length (ft)	Tubing Dia (in.)	Sand Pack Dia (in.)	Sand Pack Height (in.)	Dry Bent. Dia (in.)	Dry Bent. Height (in.)	Purge Vol. (mL)	Pump Run Time	Flow Rate (mL/min)	Probe Vac Pressure (in. Hg)	Shut-in Test (✓ if pass)	Leak Check Method Used
1	SG-1-6'	555	040	-28.0	1343	1346	-0.5	6	7	1/8	2.5	12	2.5	12	2708	Syringe (NA)	~200	None	✓	1,1-DFA
2	SG-1-15'	256	014	-27.5	1403	1406	-1.0	15	17	↓	↓	↓	↓	↓	2800	↓	↓	↓	✓	↓
3	SG-2-6'	546	137	-27.0	1456	1458	-1.0	6	7						2708				✓	
4	SG-2-15'	386	225	-28.0	1525	1528	-1.0	15	17						2800				✓	
5	SG-3-4.5'	263	281	-29.5	1549	1552	-1.0	4.5	7						2708				✓	
6	SG-3-15'	253	184	-28.0	1604	1611	-1.0	15	17						2800				✓	
7	DUP-1	110	270	-27.0	1559	1601	-1.0	4.5	7						2708				✓	
8	SG-4-6'	151	264	-25.0	1631	1634	-1.0	6	7						2708				✓	
9	SG-4-15'	224	193	-27.5	1642	1645	-0.5	15	17						2800				✓	
10																				
11																				
12																				
13																				
14																				
15																				

Field and Sample Collection Notes: DUP 1 = replicate of SG-3-4.5'

APPENDIX D
LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

H&P Mobile Geochemistry Inc.

09 December 2020

Eric Snelling
Padre Associates, Inc.
369 Pacific Street
San Luis Obispo, CA 93401

H&P Project: PAD120120-12
Client Project: 2001-8071 / 1750 E. Betteravia

Dear Eric Snelling:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 01-Dec-20 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody
- Sampling Logs (if applicable)

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Lisa Eminhizer
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP and the National Environmental Laboratory Accreditation Conference (NELAC) for the fields of proficiency and analytes listed on those certificates. H& P is approved as an Environmental Testing Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs for the fields of proficiency and analytes included in the certification process and to the extent offered by the accreditation agency . Unless otherwise noted, accreditation certificate numbers, expiration of certificates, and scope of accreditation can be found at: www.handpmg.com/about/certifications. Fields of services and analytes contained in this report that are not listed on the certificates should be considered uncertified or unavailable for certification.

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Padre Associates, Inc.	Project: PAD120120-12	
369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SG-1-6'	E012008-01	Vapor	25-Nov-20	01-Dec-20
SG-1-15'	E012008-02	Vapor	25-Nov-20	01-Dec-20
SG-2-6'	E012008-03	Vapor	25-Nov-20	01-Dec-20
SG-2-15'	E012008-04	Vapor	25-Nov-20	01-Dec-20
SG-3-4.5'	E012008-05	Vapor	25-Nov-20	01-Dec-20
SG-3-15'	E012008-06	Vapor	25-Nov-20	01-Dec-20
DUP-1	E012008-07	Vapor	25-Nov-20	01-Dec-20
SG-4-6'	E012008-08	Vapor	25-Nov-20	01-Dec-20
SG-4-15'	E012008-09	Vapor	25-Nov-20	01-Dec-20

The percent recoveries for Hexachlorobutadiene and 1,2,4-Trichlorobenzene fell below the method criteria in the continuing calibration verification. Any result for these analytes may be biased low.

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Padre Associates, Inc.	Project: PAD120120-12	
369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

DETECTIONS SUMMARY

Sample ID: **SG-1-6'** Laboratory ID: **E012008-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**12**	3.2	ug/m3	EPA TO-15	
Toluene	**22**	3.8	ug/m3	EPA TO-15	
Ethylbenzene	**11**	4.4	ug/m3	EPA TO-15	
m,p-Xylene	**41**	8.8	ug/m3	EPA TO-15	
o-Xylene	**13**	4.4	ug/m3	EPA TO-15	
4-Ethyltoluene	**5.0**	5.0	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	**6.1**	5.0	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**18**	5.0	ug/m3	EPA TO-15	

Sample ID: **SG-1-15'** Laboratory ID: **E012008-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**3.8**	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**20**	8.3	ug/m3	EPA TO-15	
Toluene	**7.9**	3.8	ug/m3	EPA TO-15	

Sample ID: **SG-2-6'** Laboratory ID: **E012008-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**13**	3.2	ug/m3	EPA TO-15	
Toluene	**24**	3.8	ug/m3	EPA TO-15	
Ethylbenzene	**13**	4.4	ug/m3	EPA TO-15	
m,p-Xylene	**59**	8.8	ug/m3	EPA TO-15	
o-Xylene	**18**	4.4	ug/m3	EPA TO-15	
4-Ethyltoluene	**7.9**	5.0	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	**10**	5.0	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**29**	5.0	ug/m3	EPA TO-15	

Sample ID: **SG-2-15'** Laboratory ID: **E012008-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**6.0**	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**9.0**	8.3	ug/m3	EPA TO-15	
Toluene	**16**	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	**9.7**	6.9	ug/m3	EPA TO-15	
m,p-Xylene	**9.1**	8.8	ug/m3	EPA TO-15	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Padre Associates, Inc.	Project: PAD120120-12	
369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Sample ID: **SG-3-4.5'** Laboratory ID: **E012008-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**9.2**	3.2	ug/m3	EPA TO-15	
Toluene	**23**	3.8	ug/m3	EPA TO-15	
Ethylbenzene	**9.8**	4.4	ug/m3	EPA TO-15	
m,p-Xylene	**42**	8.8	ug/m3	EPA TO-15	
o-Xylene	**13**	4.4	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**11**	5.0	ug/m3	EPA TO-15	

Sample ID: **SG-3-15'** Laboratory ID: **E012008-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**7.1**	3.2	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**12**	8.3	ug/m3	EPA TO-15	
Toluene	**16**	3.8	ug/m3	EPA TO-15	
m,p-Xylene	**9.8**	8.8	ug/m3	EPA TO-15	

Sample ID: **DUP-1** Laboratory ID: **E012008-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**9.1**	3.2	ug/m3	EPA TO-15	
Toluene	**25**	3.8	ug/m3	EPA TO-15	
Ethylbenzene	**13**	4.4	ug/m3	EPA TO-15	
m,p-Xylene	**42**	8.8	ug/m3	EPA TO-15	
o-Xylene	**14**	4.4	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**12**	5.0	ug/m3	EPA TO-15	

Sample ID: **SG-4-6'** Laboratory ID: **E012008-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**8.4**	3.2	ug/m3	EPA TO-15	
Toluene	**21**	3.8	ug/m3	EPA TO-15	
Ethylbenzene	**16**	4.4	ug/m3	EPA TO-15	
m,p-Xylene	**61**	8.8	ug/m3	EPA TO-15	
o-Xylene	**19**	4.4	ug/m3	EPA TO-15	
4-Ethyltoluene	**7.5**	5.0	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	**8.8**	5.0	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**26**	5.0	ug/m3	EPA TO-15	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Padre Associates, Inc.	Project: PAD120120-12	
369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Sample ID: **SG-4-15'** Laboratory ID: **E012008-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
Toluene	**4.1**	3.8	ug/m3	EPA TO-15	

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760-804-9678 Phone
760-804-9159 Fax

Padre Associates, Inc.	Project: PAD120120-12	
369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Soil Vapor/Air Analysis by EPA 8015M

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-1-6' (E012008-01) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
Methane	ND	10	ppmv	1	EL00220	02-Dec-20	02-Dec-20	EPA 8015M	
SG-1-15' (E012008-02) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
Methane	ND	10	ppmv	1	EL00220	02-Dec-20	02-Dec-20	EPA 8015M	
SG-2-6' (E012008-03) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
Methane	ND	10	ppmv	1	EL00220	02-Dec-20	02-Dec-20	EPA 8015M	
SG-2-15' (E012008-04) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
Methane	ND	10	ppmv	1	EL00220	02-Dec-20	02-Dec-20	EPA 8015M	
SG-3-4.5' (E012008-05) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
Methane	ND	10	ppmv	1	EL00220	02-Dec-20	02-Dec-20	EPA 8015M	
SG-3-15' (E012008-06) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
Methane	ND	10	ppmv	1	EL00220	02-Dec-20	02-Dec-20	EPA 8015M	
DUP-1 (E012008-07) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
Methane	ND	10	ppmv	1	EL00220	02-Dec-20	02-Dec-20	EPA 8015M	
SG-4-6' (E012008-08) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
Methane	ND	10	ppmv	1	EL00220	02-Dec-20	02-Dec-20	EPA 8015M	
SG-4-15' (E012008-09) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
Methane	ND	10	ppmv	1	EL00220	02-Dec-20	02-Dec-20	EPA 8015M	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Padre Associates, Inc.	Project: PAD120120-12	
369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-1-6' (E012008-01) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EL00712	07-Dec-20	07-Dec-20	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**12**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**22**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	**11**	4.4	"	"	"	"	"	"	
m,p-Xylene	**41**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Padre Associates, Inc.	Project: PAD120120-12	
369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-1-6' (E012008-01) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
o-Xylene	**13**	4.4	ug/m3	1	EL00712	07-Dec-20	07-Dec-20	EPA TO-15	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	**5.0**	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**6.1**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**18**	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*99.5 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*81.0 %*		*77-127*	"	"	"	"	
SG-1-15' (E012008-02) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EL00712	07-Dec-20	07-Dec-20	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**3.8**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Padre Associates, Inc.	Project: PAD120120-12	
369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-1-15' (E012008-02) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
Trichloroethene	ND	5.5	ug/m3	1	EL00712	07-Dec-20	07-Dec-20	EPA TO-15	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**20**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**7.9**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*98.4 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*80.2 %*		*77-127*	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Padre Associates, Inc.	Project: PAD120120-12	
369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-2-6' (E012008-03) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EL00712	07-Dec-20	07-Dec-20	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**13**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**24**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	**13**	4.4	"	"	"	"	"	"	
m,p-Xylene	**59**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Padre Associates, Inc.	Project: PAD120120-12	
369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-2-6' (E012008-03) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
o-Xylene	**18**	4.4	ug/m3	1	EL00712	07-Dec-20	07-Dec-20	EPA TO-15	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	**7.9**	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**10**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**29**	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*98.8 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*83.9 %*		*77-127*	"	"	"	"	
SG-2-15' (E012008-04) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EL00712	07-Dec-20	07-Dec-20	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**6.0**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Padre Associates, Inc.	Project: PAD120120-12	
369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-2-15' (E012008-04) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
Trichloroethene	ND	5.5	ug/m3	1	EL00712	07-Dec-20	07-Dec-20	EPA TO-15	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**9.0**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**16**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**9.7**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**9.1**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*97.5 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*80.0 %*		*77-127*	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Padre Associates, Inc.	Project: PAD120120-12	
369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

SG-3-4.5' (E012008-05) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EL00712	07-Dec-20	07-Dec-20	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**9.2**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**23**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	**9.8**	4.4	"	"	"	"	"	"	
m,p-Xylene	**42**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Padre Associates, Inc.	Project: PAD120120-12	
369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-3-4.5' (E012008-05) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
o-Xylene	**13**	4.4	ug/m3	1	EL00712	07-Dec-20	07-Dec-20	EPA TO-15	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**11**	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*98.9 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*76.9 %*		*77-127*	"	"	"	"	*S-GC*
SG-3-15' (E012008-06) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EL00712	07-Dec-20	07-Dec-20	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**7.1**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Padre Associates, Inc.	Project: PAD120120-12	
369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-3-15' (E012008-06) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
Trichloroethene	ND	5.5	ug/m3	1	EL00712	07-Dec-20	07-Dec-20	EPA TO-15	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**12**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**16**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**9.8**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*99.1 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*80.7 %*		*77-127*	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Padre Associates, Inc.	Project: PAD120120-12	
369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DUP-1 (E012008-07) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EL00712	07-Dec-20	07-Dec-20	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**9.1**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**25**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	**13**	4.4	"	"	"	"	"	"	
m,p-Xylene	**42**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Padre Associates, Inc.	Project: PAD120120-12	
369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DUP-1 (E012008-07) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
o-Xylene	**14**	4.4	ug/m3	1	EL00712	07-Dec-20	07-Dec-20	EPA TO-15	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**12**	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*98.5 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*80.1 %*		*77-127*	"	"	"	"	
SG-4-6' (E012008-08) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EL00712	07-Dec-20	07-Dec-20	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**8.4**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Padre Associates, Inc.	Project: PAD120120-12	
369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-4-6' (E012008-08) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
Trichloroethene	ND	5.5	ug/m3	1	EL00712	07-Dec-20	07-Dec-20	EPA TO-15	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**21**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	**16**	4.4	"	"	"	"	"	"	
m,p-Xylene	**61**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	**19**	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	**7.5**	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**8.8**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**26**	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*81.8 %*		*77-127*	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

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369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-4-15' (E012008-09) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3	1	EL00712	07-Dec-20	07-Dec-20	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	ND	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**4.1**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Padre Associates, Inc.	Project: PAD120120-12	
369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-4-15' (E012008-09) Vapor Sampled: 25-Nov-20 Received: 01-Dec-20									
o-Xylene	ND	4.4	ug/m3	1	EL00712	07-Dec-20	07-Dec-20	EPA TO-15	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*96.3 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*79.4 %*		*77-127*	"	"	"	"	

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Padre Associates, Inc.	Project: PAD120120-12	
369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Soil Vapor/Air Analysis by EPA 8015M - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL00220 - GC										
Blank (EL00220-BLK1)				Prepared & Analyzed: 02-Dec-20						
Methane	ND	10	ppmv							

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

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San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL00712 - TO-15										
Blank (EL00712-BLK1)				Prepared & Analyzed: 07-Dec-20						
1,1-Difluoroethane (LCC)	ND	5.5	ug/m3							
Dichlorodifluoromethane (F12)	ND	5.0	"							
Chloromethane	ND	2.1	"							
Dichlorotetrafluoroethane (F114)	ND	7.1	"							
Vinyl chloride	ND	2.6	"							
Bromomethane	ND	16	"							
Chloroethane	ND	8.0	"							
Trichlorofluoromethane (F11)	ND	5.6	"							
1,1-Dichloroethene	ND	4.0	"							
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"							
Methylene chloride (Dichloromethane)	ND	3.5	"							
Carbon disulfide	ND	6.3	"							
trans-1,2-Dichloroethene	ND	8.0	"							
1,1-Dichloroethane	ND	4.1	"							
2-Butanone (MEK)	ND	30	"							
cis-1,2-Dichloroethene	ND	4.0	"							
Chloroform	ND	4.9	"							
1,1,1-Trichloroethane	ND	5.5	"							
1,2-Dichloroethane (EDC)	ND	4.1	"							
Benzene	ND	3.2	"							
Carbon tetrachloride	ND	6.4	"							
Trichloroethene	ND	5.5	"							
1,2-Dichloropropane	ND	9.4	"							
Bromodichloromethane	ND	6.8	"							
cis-1,3-Dichloropropene	ND	4.6	"							
4-Methyl-2-pentanone (MIBK)	ND	8.3	"							
trans-1,3-Dichloropropene	ND	4.6	"							
Toluene	ND	3.8	"							
1,1,2-Trichloroethane	ND	5.5	"							
2-Hexanone (MBK)	ND	8.3	"							
Dibromochloromethane	ND	8.6	"							
Tetrachloroethene	ND	6.9	"							
1,2-Dibromoethane (EDB)	ND	7.8	"							
1,1,1,2-Tetrachloroethane	ND	7.0	"							

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Padre Associates, Inc.	Project: PAD120120-12	
369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL00712 - TO-15										
Blank (EL00712-BLK1)				Prepared & Analyzed: 07-Dec-20						
Chlorobenzene	ND	4.7	ug/m3							
Ethylbenzene	ND	4.4	"							
m,p-Xylene	ND	8.8	"							
Styrene	ND	4.3	"							
o-Xylene	ND	4.4	"							
Bromoform	ND	10	"							
1,1,2,2-Tetrachloroethane	ND	7.0	"							
4-Ethyltoluene	ND	5.0	"							
1,3,5-Trimethylbenzene	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
1,3-Dichlorobenzene	ND	12	"							
1,4-Dichlorobenzene	ND	12	"							
1,2-Dichlorobenzene	ND	12	"							
1,2,4-Trichlorobenzene	ND	38	"							
Hexachlorobutadiene	ND	54	"							
Surrogate: 1,2-Dichloroethane-d4	*220*		*"*	*214*		*103*	*76-134*			
Surrogate: Toluene-d8	*202*		*"*	*208*		*97.0*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*267*		*"*	*363*		*73.6*	*77-127*			*S-GC*
LCS (EL00712-BS1)				Prepared & Analyzed: 07-Dec-20						
Dichlorodifluoromethane (F12)	120	5.0	ug/m3	101		116	59-128			
Vinyl chloride	57	2.6	"	52.0		109	64-127			
Chloroethane	58	8.0	"	53.6		108	63-127			
Trichlorofluoromethane (F11)	130	5.6	"	113		114	62-126			
1,1-Dichloroethene	85	4.0	"	80.8		105	61-133			
1,1,2-Trichlorotrifluoroethane (F113)	170	7.7	"	155		111	66-126			
Methylene chloride (Dichloromethane)	68	3.5	"	70.8		96.5	62-115			
trans-1,2-Dichloroethene	77	8.0	"	80.8		95.4	67-124			
1,1-Dichloroethane	78	4.1	"	82.4		94.6	68-126			
cis-1,2-Dichloroethene	76	4.0	"	80.0		95.4	70-121			
Chloroform	110	4.9	"	99.2		108	68-123			
1,1,1-Trichloroethane	120	5.5	"	111		112	68-125			
1,2-Dichloroethane (EDC)	90	4.1	"	82.4		109	65-128			

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Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

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369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL00712 - TO-15										
LCS (EL00712-BS1)				Prepared & Analyzed: 07-Dec-20						
Benzene	63	3.2	ug/m3	64.8		97.2	69-119			
Carbon tetrachloride	140	6.4	"	128		111	68-132			
Trichloroethene	130	5.5	"	110		119	71-123			
Toluene	76	3.8	"	76.8		99.3	66-119			
1,1,2-Trichloroethane	110	5.5	"	111		101	73-119			
Tetrachloroethene	130	6.9	"	138		96.8	66-124			
1,1,1,2-Tetrachloroethane	130	7.0	"	140		93.1	67-129			
Ethylbenzene	80	4.4	"	88.4		90.5	70-124			
m,p-Xylene	73	8.8	"	88.4		82.1	61-134			
o-Xylene	80	4.4	"	88.4		90.6	67-125			
1,1,2,2-Tetrachloroethane	99	7.0	"	140		70.7	65-127			
Surrogate: 1,2-Dichloroethane-d4	*229*		*"*	*214*		*107*	*76-134*			
Surrogate: Toluene-d8	*217*		*"*	*208*		*104*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*347*		*"*	*363*		*95.6*	*77-127*			

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369 Pacific Street	Project Number: 2001-8071 / 1750 E. Betteravia	Reported:
San Luis Obispo, CA 93401	Project Manager: Eric Snelling	09-Dec-20 10:20

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

All soil results are reported in wet weight.

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs through PJLA, accreditation number 69070 for EPA Method TO-15, EPA Method 8260B and H&P 8260SV.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743 & 2745.

H&P is approved by the State of Louisiana Department of Environmental Quality under the National Environmental Laboratory Accreditation Conference (NELAC) certification number 04138

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/about/certifications.

H&P Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 11/25/20
Page 1 of 1

Lab Client and Project Information

Lab Client/Consultant: Padre Associates, Inc.	Project Name / #: 1750 E. Betteravia / 2001-8071
Lab Client Project Manager: Eric Snelling	Project Location: Santa Maria, CA
Lab Client Address: 369 Pacific Street	Report E-Mail(s): esnelling@padreinc.com plavelle@padreinc.com
Lab Client City, State, Zip: San Luis Obispo, CA 93401	
Phone Number: 805-786-2650	

Sample Receipt (Lab Use Only)

Date Rec'd: 12/1/20	Control #: 200839.01
H&P Project # PAD120120-12	
Lab Work Order # E012008	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID: 60206	Temp: RT
Outside Lab:	
Receipt Notes/Tracking #: 1Z93TT619049403168	
Lab PM Initials: KB	

Reporting Requirements	Turnaround Time	Sampler Information
☒ Standard Report ☐ Level III ☐ Level IV	☒ **Standard** (7 days for preliminary report, 10 days for final report)	Sampler(s): Paul Lavelle / Kody Gularte
☒ Excel EDD ☐ Other EDD:		Signature: [signature]
☐ CA Geotracker Global ID:	☐ **Rush** (specify):	Date: 11/25/20

Additional Instructions to Laboratory: use lowest possible RLs.

*** Preferred VOC units (please choose one):**
☐ µg/L ☒ µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☒ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15	TPHv as Gas ☐ 8260SVm ☐ TO-15m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2				
SG-1-6'	SG-1	11/25/20	1346	SV	400mL Summa	555	-.36	X						X	X					
SG-1-15'	↓	↓	1406	↓	↓	256	-.21	↓						↓	↓					
SG-2-6'	SG-2		1458			546	-1.46													
SG-2-15'	↓		1528			386	-.12													
SG-3-4.5'	SG-3		1552			263	-.30													
SG-3-15'	↓		1611			253	-.34													
DUP-1	—		1601			110	-.56													
SG-4-6'	SG-4		1634			151	-.27													
SG-4-15'	↓	↓	1645	↓	↓	224	-.17	↓						↓	↓					

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
[signature] (To UPS Transport)	Padre	11/30/20	0947	[signature]	H+P	12/1/20	1:20pm

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

Rev4

Arctic Cold
1750 Betteravia Road
Santa Maria, CA. Facility
Refrigeration Hazard Assessment Report
For Permit Purposes

Table of Contents

Section 1 – Facility Ammonia Refrigeration System Overview

The new Arctic Cold – Santa Maria facility will be located on the west side of Santa Maria, over a mile outside of the city limits, on Betteravia Road and over three miles from the Santa Maria Airport.

The facility will have several blast freezing tunnels (for rapidly cooling product), a large freezer storage area, finish product freezers, coolers for storing & cooling product from the field and water chillers. See the refrigeration block flow diagram in Appendix “A”, developed for this facility, at the end of this report.

Arctic Cold will use an industrial refrigeration system that will utilize anhydrous ammonia as the working fluid for doing the cooling in a closed-loop system. Anhydrous ammonia is a colorless gas or liquid with a very strong, intensely irritating odor and is a regulated substance with potentially hazardous properties, if mishandled. Under Title 19 of the California Code of Regulations (CCR), the California Accidental Release Prevention (CalARP) program is designed to prevent the accidental release of regulated substances and to reduce the consequences in the event of release occurs. The program requires businesses that handle more than a threshold quantity of a regulated substance to develop and maintain a Risk Management Plan (RMP), which includes a hazard assessment, prevention and emergency response. A preliminary Hazard Assessment was prepared and is included below.

The industrial refrigeration system will utilize different types of equipment such as compressors, condensers, vessels, pumps, evaporators and heat exchangers. A majority of the equipment is located in the refrigeration machinery room. All other equipment is spread throughout the facility.

Based on the facility location, quantity of the hazardous substance and the potential to affect public receptors outside the facility property, per Santa Barbara County Environmental Thresholds and Guidelines Manual, Section 14, C (Applicability) and D (Determining When to Do a Quantitative Risk Analysis) a four-step screening methodology will be used to show the ammonia refrigeration system meets the requirements of the County. This four-step methodology was prepared and included at the end of this report.

Section 2 – Hazard Assessment (19 CCR CalARP: Article 4)

A. Hazard Assessment (CalARP 2750.1)

This analysis looks at the worst-case release scenario and alternative release scenarios. The purpose is to identify and address offsite hazards and dangers to the environment and to the

surrounding community. It goes beyond the building and property lines and/or addressing issues about how the release affects the neighbors, the community, and the environment. For release modeling, the prevention program separately addresses the release of toxic and flammable substances. Ammonia is classified as a toxic substance. It is not classified as a flammable substance.

To simplify the analysis and ensure a common basis for comparisons, the EPA has defined the worst-case scenario as the release of the largest quantity of a regulated substance from a single vessel or process line failure that results in the greatest distance to an endpoint. This is an estimated distance an ammonia vapor cloud will travel, from its source, before dissipating to the 200 ppm-concentration level where serious injuries from short-term exposures will no longer occur. The released quantity is based on the maximum amount of ammonia that could be in the largest vessel and excludes piping volumes. Because anhydrous ammonia is a vapor at ambient temperature and is handled as a liquid under pressure in most parts of the refrigeration system, the worst-case scenario assumes the maximum quantity is released over a ten-minute time span.

Arctic Cold - Santa Maria must also identify and analyze at least one alternative release scenario. This scenario must be one that is more likely to occur and that reaches an endpoint that is offsite. Examples include splits in or uncoupling of hoses, leaks from flanges or joints, leaks from valves or seals, leaks from broken pipes or equipment, punctures, or breakage, or from vents or relief valves. EPA has generated several tables for both release scenarios to simplify the release modeling process.

The location of the Refrigeration Room or the ammonia vessel is used as the release source and is identified by its latitude and longitude. Using one of these distances, from our scenario’s, as a radius, circles are drawn to identify the Area of Concern around the release source.

The hazard assessment must identify all sensitive public receptors in this Area of Concern. This provides vital emergency information to emergency response and planning operations to identify evacuation needs for the community.

NOTE: It is important to consider that the Worst-Case Scenario is extremely unlikely to occur since this scenario does not consider any safety features of the system - in either design or operation. Furthermore, as the refrigerant escapes pressure will decrease reducing the release rate. The scenario parameters are established by the regulation to provide uniformity for dialog between the industry, community, and regulatory agencies.

B. Seismic Assessment (H&SC 25534.05(c), CCR 2755.2(d), CCR 2760.2(c)(8))

Purpose

It identifies seismic vulnerabilities that could result in an accidental release of a regulated substance and provides for required remedial action to reduce the likelihood of offsite consequences that may impact public health or the environment.

Regulations & Guidelines

As part of RMP submittal a process hazard analysis must be conducted, including a seismic assessment (Walkdown) by a qualified engineer. It must be done for new facilities, prior to equipment charging, and every 5 years thereafter.

The seismic assessment will be performed by an individual who is registered in California as a Civil, Structural or Mechanical Engineer with experience in seismic design and/or evaluations of stationary sources subject to CalARP. They must be a qualified Engineer who is knowledgeable about the applicable types of failures that may occur to structures and equipment during ground shaking or movement. The engineer performs a methodical physical inspection or 'walkdown' of the stationary source.
The purpose of the walkdown is to identify vulnerabilities. The overall objective is to maintain primary containment of regulated substances and performance criteria which includes:

a. Maintain structural integrity;
b. Maintain position;
c. Maintain containment of material;
d. Function during the earthquake; and/or
e. Function after the earthquake.

There has not been a seismic assessment completed for the facility at this time.

C. Offsite Consequence Analysis Parameters (19 CCR 2750.2)

The purpose of the Worst-Case release scenario analysis is to identify the potential reach and effect of hypothetical worst-case accidental releases. It identifies off-site impacts which include environmental and public receptors.

The purpose of the Alternative Release Case scenario analysis is to identify the potential reach and effect of hypothetical accidental releases under more realistic circumstances. It identifies off-site impacts which include environmental and public receptors.

Arctic Cold submits the following information:

- One worst-case release scenario to represent all regulated toxic substances held above the threshold quantity (Note: this must be for the worst of the worst cases if there is more than one regulated chemical evaluated),

If the facility has additional processes that could affect different public receptors than above, additional worst-case scenarios are required;

- Anhydrous ammonia is only one being analysis for this report.

D. Worst Case Scenario (19 CCR 2750.3)

Anhydrous ammonia is the toxic substance for which this assessment is done. The flammable endpoint of the CalARP regulation does not apply to ammonia and this process. The toxic endpoint for ammonia is 200 ppm. This concentration value is published in EPA's "General Guidance on Risk Management Programs for Chemical Accident Prevention" (March 2009) as follows:

"The toxic endpoint for ammonia is 200 ppm (0.14 mg/L). This airborne concentration is the maximum airborne concentration below which it is believed that nearly all individuals can be exposed for up to one hour without experiencing or developing irreversible or other serious health effects or symptoms that could impair an individual's ability to take protective action."

The worst-case release scenario (OCA-1) used in this assessment identifies the high pressure receiver as the vessel with the potential to hold the largest quantity of ammonia than any other vessels. The maximum intended holding capacity is eighty percent of total volume. This scenario looks at a release occurring from this vessel during normal operation.

The worst-case release scenario is based on a vessel breach releasing the total vessel system charge as a liquid. The estimated charge for the refrigeration system is 50,000 lbs. During normal operation, the ammonia is circulated throughout the system and the high pressure receiver maintains an inventory of approximately 15%. This would equate to approximately 7,500 lbs.

As noted above the likely hood of a vessel failure is extremely unlikely. After researching this subject with IIAR and other refrigeration experts in the US, we have not found a single catastrophic vessel failure in the US over the last 40 years. There have been a number of vessels that developed Stress Corrosion Cracking (SCC), but all of them were either repaired successfully or replaced. In our 30+ years as a refrigeration contractor we have not seen any vessels develop SCC in system we service or installed. There was a report on this subject and it can be found at "ASME Vessel Failures – from Boardmaninc.com". From this report it indicated there were numerous vessel failures, mostly in DOT vessels. The IIAR has addressed this subject and now covers it in the code documents of IIAR-2 2014. All manufacturers of refrigeration ammonia vessels are aware of this situation and uses the materials and processing suggested by the steel experts to greatly reduce the likelihood of SCC in modern day ammonia refrigeration vessels. Based on the updated manufacturing processes, materials and the lack of data on catastrophic ammonia refrigeration vessel failures our experience leads us to believe the failure rate is 0.

Reports of vessel failures, from other industries, such as “Risk Analysis for Process Plant, Pipelines and Transport” by J.R. Taylor, indicated the catastrophic vessel failure is 3.0×10^{-6}. So this failure rate will be used because of the lack of data from the industrial refrigeration industry.

Safety Features Considered

Due to the high pressure receiver being located inside, the release would be passively mitigated which reduces the release rate by a factor of 0.55.

NOTE: It is important to consider that the Worst-Case Scenario is extremely unlikely to occur since this scenario does not consider any safety features of the system itself - in either design or operation. So the release results will be highly conservative due to the safety measures such as the ventilation system that is being provided in the refrigeration room as stated in Section 3 – “Ammonia System Engineering Safety Systems”, page 29. Furthermore, as the refrigerant escapes, pressure will decrease, reducing the release rate.

Marplot 2010 census data was used to establish offsite population counts to meet CalARP/RMP regulations. To meet the County of Santa Barbara Environmental Thresholds and Guidance Manual, section 14, Public Safety Thresholds guidelines, sensitive population counts of off-site receptors were included in the alternate case release scenario.

It should be noted that a rural surrounding terrain type was selected based on the description found in the RMP Guidance (see below). If further development is built in and around the purposed building location, the area of concerns will have a smaller footprint.

> *Rural vs. urban sites*. The regulations require you to take account of whether your site is rural or urban. To decide whether the site is rural or urban, the rule offers the following: “Urban means that there are many obstacles in the immediate area; obstacles include buildings or trees. Rural means that there are no buildings in the immediate area and the terrain is generally flat or unobstructed.” Some areas outside of cities may still be considered urban if they are forested.

The duration of the worst-case release used for calculations is ten minutes resulting in a release rate of 413 lbs/min. RMP Comp version 2.01 was used to determine the distance to the toxic endpoint. RMP Comp establishes an Area of Concern with a radius of 1.2 miles for the Worst-case Scenario.

Estimated Distance Calculation

Estimated distance to toxic endpoint: 1.2 miles (1.9 kilometers)

This is the downwind distance to the toxic endpoint specified for this regulated substance under the RMP Rule. Report all distances shorter than 0.1 mile as 0.1 mile, and all distances longer than 25 miles as 25 miles.

Scenario Summary

Chemical:	Ammonia (anhydrous)
CAS number:	7664-41-7
Threat type:	Toxic Gas
Scenario type:	Worst-case
Physical state:	Liquefied under pressure
Quantity released:	7500 pounds
Release duration:	10 min
Release rate:	413 pounds per minute
Mitigation measures:	Release in enclosed space, in direct contact with outside air
Surrounding terrain type:	Rural surroundings (terrain generally flat and unobstructed)
Toxic endpoint:	0.14 mg/L; basis: ERPG-2

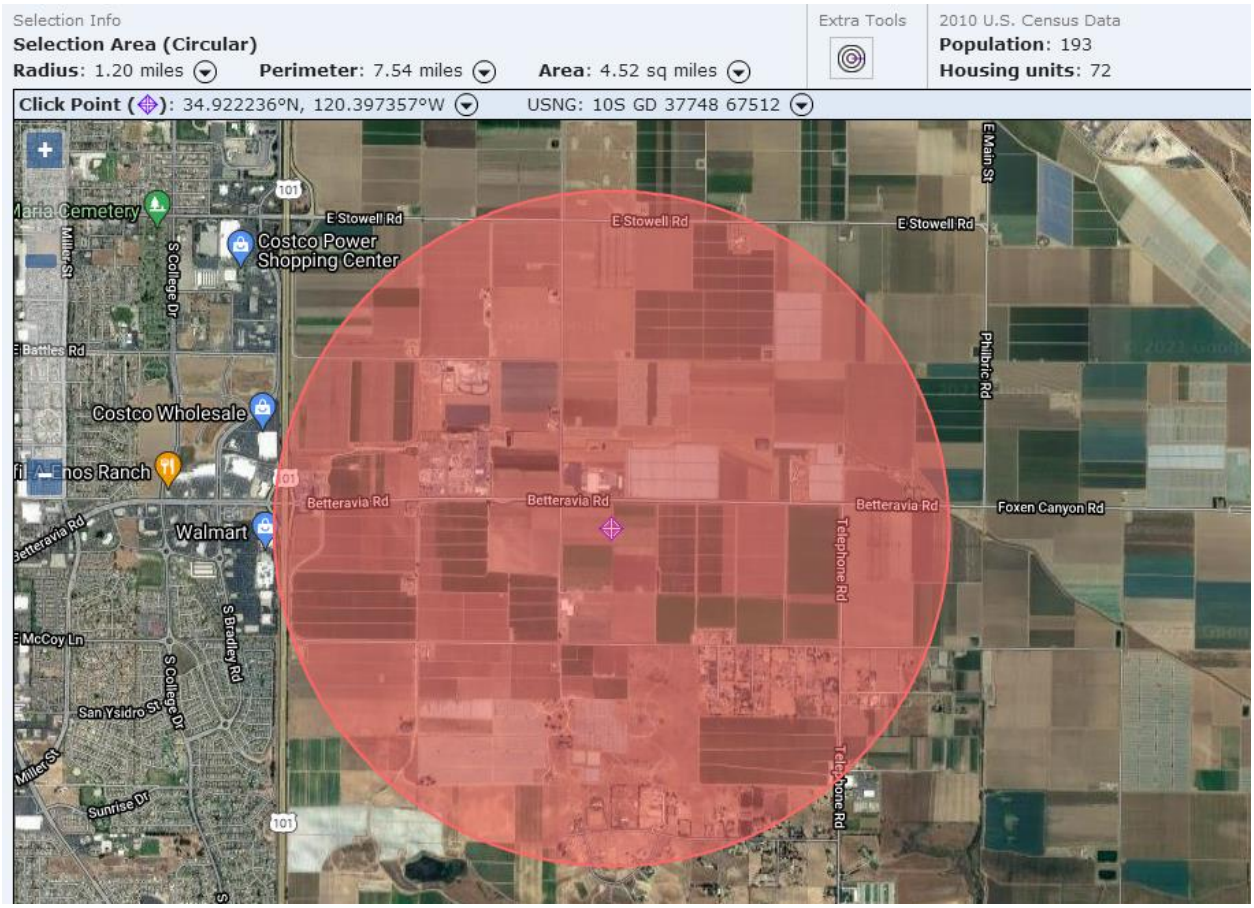
Assumptions about this scenario

Wind speed:	1.5 meters/second (3.4 miles/hour)
Stability class:	F
Air temperature:	77 degrees F (25 degrees C)

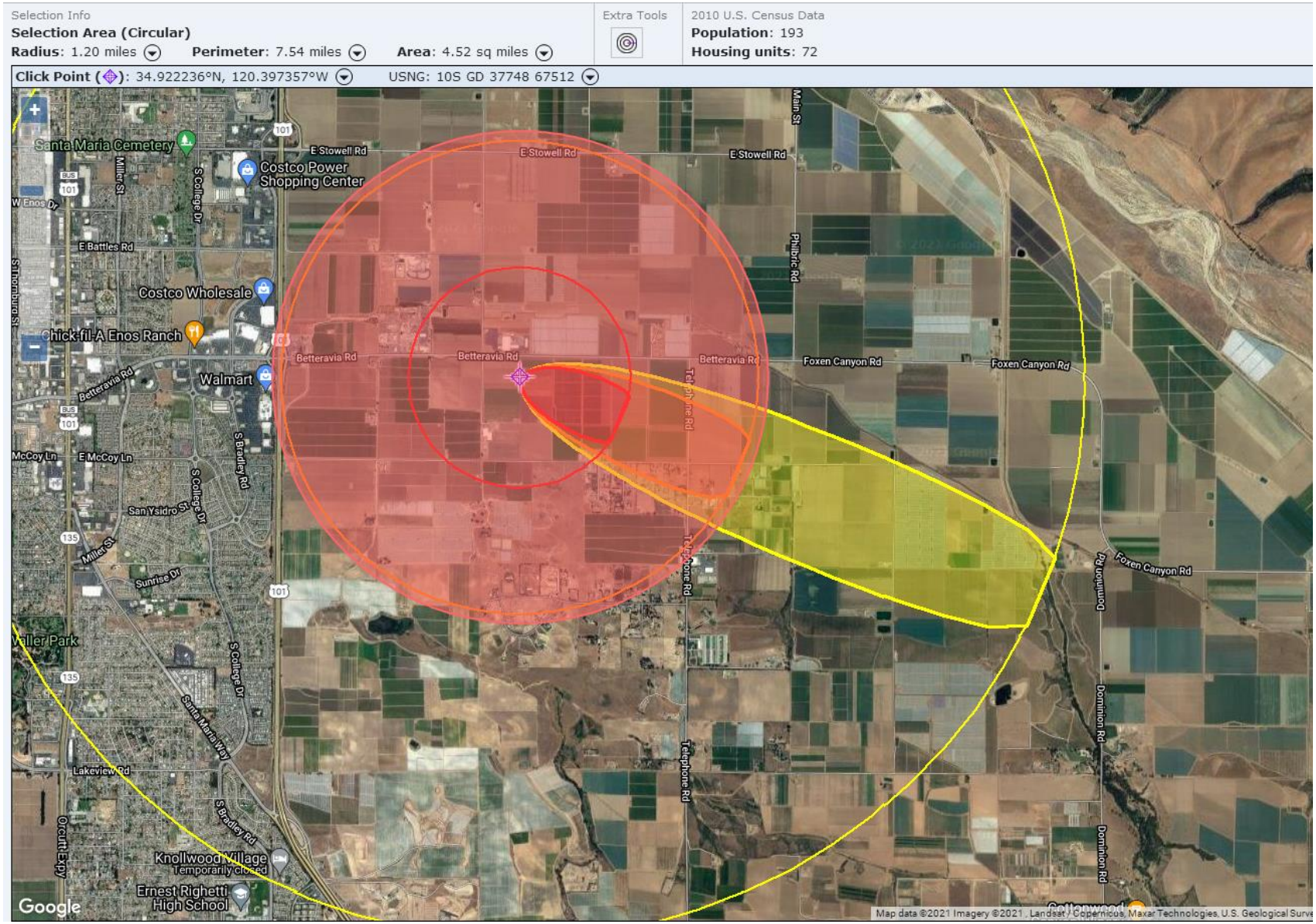
At this point, the high pressure receiver has not been sited, so the coordinates used for Marplot are assumed to be close to the position of the vessel. The coordinates used are 34.922236 ˚N and -120.397357 ˚W.

For the Worst-case Scenario, the affected population is estimated to be less than 193 at the 200ppm endpoint radius and a population of less than 12 at the 1,100ppm (rare possibilities of fatalities) endpoint depending on the wind direction.

Worst Case Scenario – Marplot & ALOHA Modeling



Worst Case Scenario – Marplot & ALOHA Modeling w/Wind



Note: The orange section (middle) is the toxic endpoint per regulation (200 ppm)

The data inputted into ALOHA for the proceeding figure is as follows. Please note that changing the *Building Air Exchanges per Hour* to the actual exchanges of 30 per hour does not change the *Threat Zone* distances.

```
SITE DATA:
  Location: SANTA MARIA, CALIFORNIA
  Building Air Exchanges Per Hour: 30 (user specified)
  Time: April 22, 2021  0933 hours PDT (using computer's clock)

CHEMICAL DATA:
  Chemical Name: AMMONIA                  Molecular Weight: 17.03 g/mol
  Default LOC-2: 200 ppm
  AEGL-1 (60 min): N/A   AEGL-2 (60 min): N/A   AEGL-3 (60 min): 1100 ppm
  IDLH: 300 ppm      LEL: 150000 ppm      UEL: 280000 ppm
  Ambient Boiling Point: -28.4° F
  Vapor Pressure at Ambient Temperature: greater than 1 atm
  Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
  Wind: 1.5 meters/second from WNW at 10 meters
  Ground Roughness: open country          Cloud Cover: 5 tenths
  Air Temperature: 77° F
  Stability Class: F (user override)
  No Inversion Height                     Relative Humidity: 50%

SOURCE STRENGTH:
  Direct Source: 413 pounds/min           Source Height: 0
  Release Duration: 10 minutes
  Release Rate: 413 pounds/min
  Total Amount Released: 4,130 pounds
  Note: This chemical may flash boil and/or result in two phase flow.
     Use both dispersion modules to investigate its potential behavior.

THREAT ZONE: (HEAVY GAS SELECTED)
  Model Run: Heavy Gas
  Red    : 920 yards --- (1100 ppm = AEGL-3 [60 min])
  Orange: 1.1 miles --- (200 ppm = Default LOC-2)
  Yellow: 2.7 miles --- (25 ppm = ERPG-1)
```

The guidance from ALOHA on the type of dispersion modeling to use states the following.

- Gases that have been liquefied under pressure typically escape from storage as a cold, heavy cloud containing a mixture of gas and fine aerosol droplets. A release of such a mixture is called a two-phase flow. The aerosol droplets weigh the cloud down and make it denser, and their evaporation cools the cloud.

- **Use Gaussian dispersion only.** Choose this option if you know that the escaping gas cloud is approximately neutrally buoyant (about as dense as air).

- **Use Heavy Gas dispersion only.** Choose this option if you know that the cloud is heavier or denser than air.

Heavy gas was chosen for the worst-case release scenario only in part because of the shear amount of liquid ammonia being released which would weigh down the cloud.

Please note the revision in the Marplot & ALOHA scenario based on historical wind data for the City of Santa Maria on the Weather Spark website, but the wind direction from the Wind Rose Plot was substituted.

> **Wind**
>
> This section discusses the wide-area hourly average wind vector (speed and direction) at **10 meters** above the ground. The wind experienced at any given location is highly dependent on local topography and other factors, and instantaneous wind speed and direction vary more widely than hourly averages.
>
> The average hourly wind speed at Santa Maria Airport experiences **mild** seasonal variation over the course of the year.
>
> The **windier** part of the year lasts for **4.8 months**, from **February 1** to **June 25**, with average wind speeds of more than **8.9 miles per hour**. The **windiest** day of the year is **April 26**, with an average hourly wind speed of **10.1 miles per hour**.
>
> The **calmer** time of year lasts for **7.2 months**, from **June 25** to **February 1**. The **calmest** day of the year is **August 10**, with an average hourly wind speed of **7.6 miles per hour**.

See the Wind Rose Plot in Appendix “B” at the end of this report. Based on the wind direction from the Wind Rose Plot, it indicates a high percent of the time, the wind direction along with the higher wind speeds accompanying the wind direction will blow any ammonia cloud away from the highly populated area of Santa Maria.

E. Alternate Release Case Scenario (19 CCR 2750.4)

According to CalARP regulations, Arctic Cold shall select a scenario that:

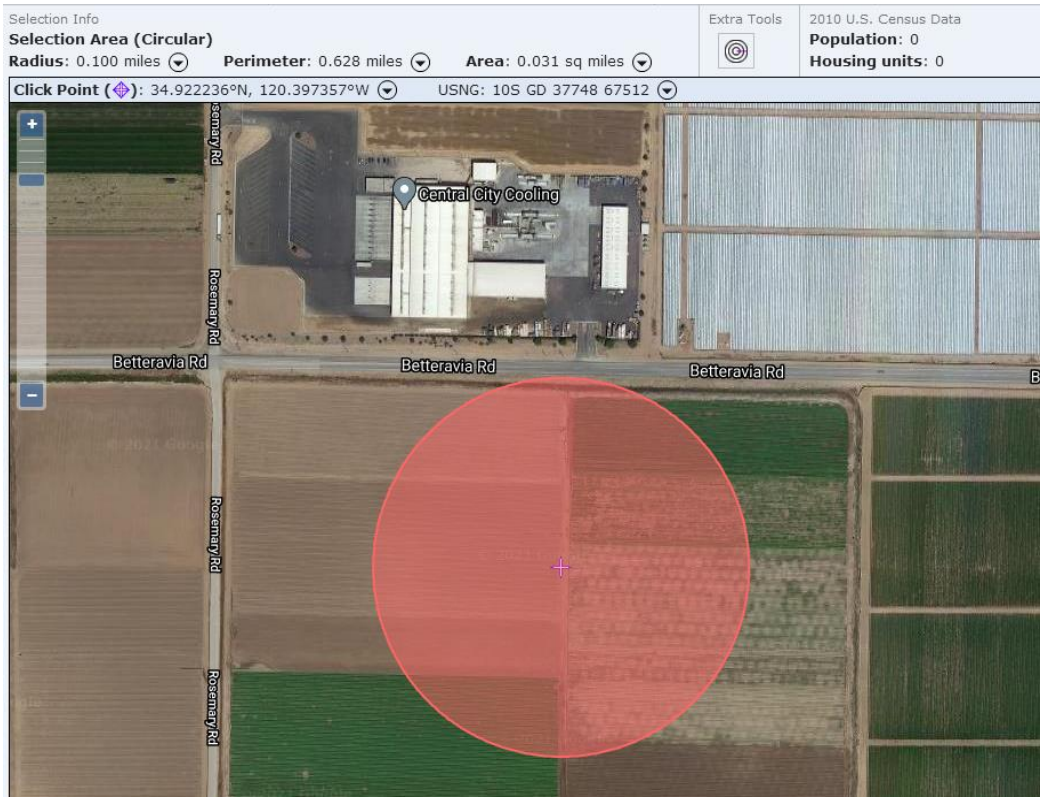
- Is more likely to occur than the worst-case release scenario
- Will reach an endpoint offsite, unless no such scenario exists; and,
- Will reach a public receptor, unless no such scenario exists

The regulation lists release scenario that Arctic Cold should consider, but is not limited to the following where applicable:

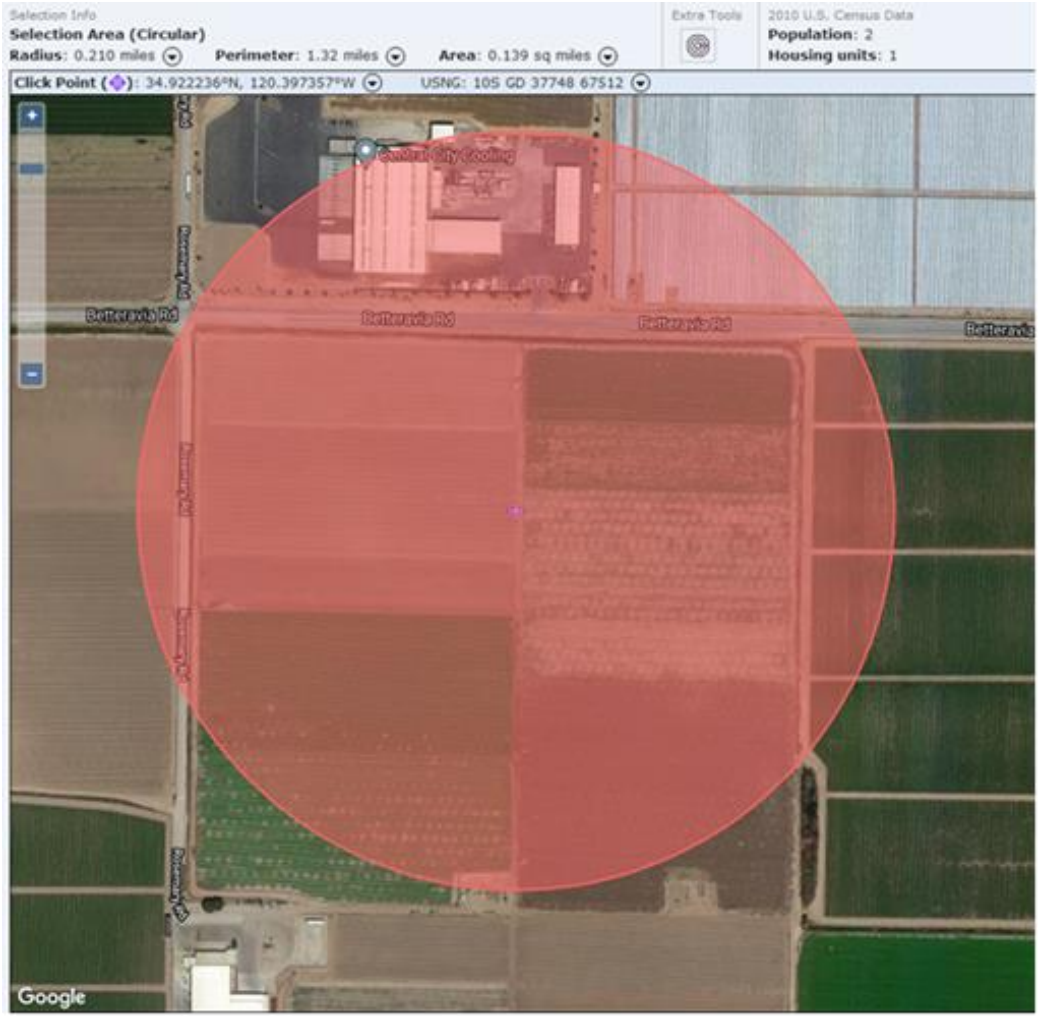
- Transfer hose releases due to splits or sudden hose uncoupling;
- Process piping releases from failures at flanges, joints, welds, valves and valve seals, and drains or bleeds;
- Process vessel or pump releases due to cracks, seal failure, or drain, bleed, or plug failure;
- Vessel overfilling and spill, or over pressurization and venting through relief valves or rupture disks; and,
- Shipping container mishandling and breakage or puncturing leading to a spill.

Most alternate release case scenarios stem from the process hazard analysis. Without conducting the process hazard analysis at this point in the project, several likely scenarios were chosen for review.

Marplot was used to determine the smallest distance that would reach offsite (assuming the vessel is located at the coordinates listed previously) and reach a public receptor based on census data. According to RMP Comp, any distances less than 0.1 miles must be reported as 0.1 miles. A 0.1-mile radius in Marplot produces the following results as shown below.



It does go offsite, but does not reach an offsite population count. The smallest radius that reaches an offsite population count that would be represented in RMP Comp is 0.21 miles and encompasses the following buildings at Central City Cooling as shown on the next page.



The CalARP/RMP regulation requires only one release case scenario, however, this assessment details two likely scenarios and one scenario that is listed in the regulation for discussion purposes.

First Likely Alternate-Case Release Scenario

Referencing the IIAR abstract paper presented at the 2020 conference, oil draining accounted for 33% of releases, so without conducting a process hazard analysis, this scenario was selected as one of the likely scenarios.

The alternative release scenario (OCA-1) for the ammonia refrigeration system is an oil draining accident that could occur while draining oil from a spring-return valve on one of the two oil pots on the +25°F side of the system. The scenario assumes that a foreign object becomes lodged within the spring-return valve, preventing it from being closed completely. From Table 1 in Section 4, shows there were 685 facilities and 75 recorded accidents in California over a 15 year period. That is 7.29×10^{-3} accidents per year per facility. Of those, 33% are estimated to be related to oil draining. So the related accidents, from oil draining, are 2.43×10^{-3} per year per facility.

The oil drain location is at a pressure of 39 psig, the resulting release-rate would be 597.35 lbs/min. assuming the technician is wearing a full-face APR, which is required for a line break, and it may take approximately 5 minutes to close an isolation valve upstream. The resulting release amount is as follows.

Liquid Release--Round Opening

Diameter of Round Hole (In Inches)	0.75	Spring Return
Gauge Pressure (psig)	39.0	+25F
Number of Minutes Released	5.0	
Density of Liquid at Operating Temperature, (lbs./c	40.23	
Liquid Flow Rate (lb/min)	**597.35**	
Total Liquid Relased (lb)	**2987**	

Safety Features Considered

Due to the oil pot being located inside, the release would be passively mitigated which reduces the release rate by a factor of 0.55.

NOTE: It is important to consider that this Oil Draining Scenario is unlikely to be as severe since this scenario does not consider any safety features of the system itself - in either design or operation. So the release results will be highly conservative due to the safety measures such as the ventilation system that is being provided in the refrigeration room as stated in Section 3 – “Ammonia System Engineering Safety Systems”, page 29.

RMP Comp version 2.01 was used to determine the distance to the toxic endpoint and established an Area of Concern with a radius of 0.3 miles for this scenario.

Estimated Distance Calculation

Estimated distance to toxic endpoint: 0.3 miles (0.5 kilometers)

This is the downwind distance to the toxic endpoint specified for this regulated substance under the RMP Rule. Report all distances shorter than 0.1 mile as 0.1 mile, and all distances longer than 25 miles as 25 miles.

Scenario Summary

Chemical:	Ammonia (anhydrous)
CAS number:	7664-41-7
Threat type:	Toxic Gas
Scenario type:	Alternative
Physical state:	Liquefied under pressure
Release duration:	5 minutes
Release rate:	597.35 pounds per min
Mitigation measures:	Release in enclosed space, in direct contact with outside air
Surrounding terrain type:	Rural surroundings (terrain generally flat and unobstructed)
Toxic endpoint:	0.14 mg/L; basis: ERPG-2

Assumptions about this scenario

Wind speed:	3 meters/second (6.7 miles/hour)
Stability class:	D
Air temperature:	77 degrees F (25 degrees C)

The 0.3-mile Area of Concern does make it offsite and does reach an offsite (according to the census) population count of two (2) within one (1) housing unit. See the Marplot on the next page. In reviewing the current satellite map closer reveals there is no residence within the 200ppm endpoint circle, only another cold storage. So it is our observation that there is no population count that will be affected by this scenario and thus no consequence.

The projected employee counts for this distance are described later in this document.

Oil Draining (OCA-1) Scenario – Marplot & ALOHA Modeling

Second Likely Alternate-Case Release Scenario

The second alternate-case release scenario picked was based on the accident history from the IIAR abstract paper as well. The paper cites that 24% of the releases occurred from valves. This scenario was also selected after speaking with an APCCO technician that has seen this scenario in this type of valve, particularly a type of Hansen solenoid valve.

The alternate-case release scenario (OCA-2) identifies a liquid feed solenoid valve feeding the evaporators. It is leaking from a four bolt bonnet due to the gaskets/seals failing and is dripping liquid ammonia on the roof and then vaporizing right away. From Table 1 in Section 4, shows there were 685 facilities and 75 recorded accidents in California over a 15 year period. That is 7.29×10^{-3} accidents per year per facility. Of those, 24% are estimated to be related to valve leaks according to Table 4 in Section 4 from the IIAR abstract paper presented at the 2020 conference. So the related accidents, from a valve leak, are 1.75×10^{-3} per year per facility.

It may take a few minutes for someone to pick up a slight ammonia smell and alert facility personnel. This scenario assumes that the facility personnel call a refrigeration contractor to assist in the valve isolation. Assuming the contractor employee is not near the facility location, this scenario assumes the valve is not isolated for 2-hours. The release rate is as follows.

Liquid Release--Irregular Opening

Area of Leak (In Square Inches)	0.0046	
Gauge Pressure (psig)	39.0	+25F
Number of Minutes Released	120.0	2 hours
Density of Liquid at Operating Temperature (lbs./c	40.23	
Liquid Flow Rate (lb/min)	**6.22**	
Total Liquid Relased (lb)	**746**	

Safety Features Considered

Due to the valve being located outside, the release does not consider any safety features.

RMP Comp version 2.01 was used to determine the distance to the toxic endpoint and established an Area of Concern with a radius of 0.1 miles for this scenario.

Estimated Distance Calculation

Estimated distance to toxic endpoint: 0.1 miles (0.2 kilometers)

This is the downwind distance to the toxic endpoint specified for this regulated substance under the RMP Rule. Report all distances shorter than 0.1 mile as 0.1 mile, and all distances longer than 25 miles as 25 miles.

Scenario Summary

Chemical: Ammonia (anhydrous)
CAS number: 7664-41-7
Threat type: Toxic Gas
Scenario type: Alternative
Physical state: Liquefied under pressure
Release duration: 120 minutes
Release rate: 6.22 pounds per min

Mitigation measures: NONE

Surrounding terrain type: Rural surroundings (terrain generally flat and unobstructed)
Toxic endpoint: 0.14 mg/L; basis: ERPG-2

Assumptions about this scenario

Wind speed: 3 meters/second (6.7 miles/hour)
Stability class: D
Air temperature: 77 degrees F (25 degrees C)

The 0.1 Area of Concern almost makes it to Betteravia Road, but does not reach an offsite population count, as indicated earlier in this document and thus no consequence.

Third Alternate-Case Release Scenario

The third scenario was selected from the suggested scenarios listed in the CalARP regulations. The alternative release scenario (OCA-3) is based on a direct release of ammonia liquid from an irregular ¼" diameter hole in a pumped liquid line due to a failed weld or valve seal. The gauge pressure on the pumped liquid line is assumed to be approximately 80 psig and the facility has 1,194 feet of this type of pumped liquid piping on the roof. From Table 1 in Section 4, shows there were 685 facilities and 75 recorded accidents in California over a 15 year period. That is 7.29×10^{-3} accidents per year per facility. Of those, 65% are estimated to be related to flanges, joints, piping and valves according to Table 4 in Section 4 from the IIAR abstract paper presented at the 2020 conference. So the related accidents, from a failed weld or valve seal, are 4.74×10^{-3} per year per facility.

Based upon a release calculator, the rate of the release was calculated to be 93.29 lbs/min with the release duration of 5 minutes. It is assumed after 5 minutes, the facility personnel can institute an emergency shutdown which will close the liquid feed solenoid valves, and remotely or locally shut off the ammonia pumps which will help to stop the flow of liquid ammonia to this area. The total quantity release is estimated to be 466 pounds.

Liquid Release--Irregular Opening

Area of Leak (In Square Inches)	0.05
Gauge Pressure (psig)	80.0
Number of Minutes Released	5.0
Density of Liquid at Operating Temperature (lbs./cu	38.89
Liquid Flow Rate (lb/min)	**93.29**
Total Liquid Relased (lb)	**466**

Just a note - not all of the liquid release will vaporize immediately due to the thermodynamic properties of ammonia. Some of the liquid that is released will boil (vaporize) to cool itself down to the new saturation pressure and the rest will fall to the roof and pool. As it sits on the roof it will cool the roofing material vaporizing more liquid ammonia. Then it will just sit there picking up heat from the surrounding atmospheric conditions until such time enough heat is absorbed to vaporize small amounts of liquid ammonia and will continue over time until all the liquid ammonia is vaporized off. It takes a considerable amount of heat to change ammonia from liquid to vapor (called latent heat of vaporization) and this process can take up to several hours, depending on atmospheric conditions, before all the liquid ammonia is gone.

The data inputted into ALOHA for the pooling of liquid on the roof is as follows.

```
SITE DATA:
  Location: SANTA MARIA, CALIFORNIA
  Building Air Exchanges Per Hour: 0.50 (enclosed office)
  Time: May 24, 2021  1956 hours PDT (using computer's clock)

CHEMICAL DATA:
  Chemical Name: AMMONIA
  CAS Number: 7664-41-7                  Molecular Weight: 17.03 g/mol
  Default LOC-2: 200 ppm
  AEGL-1 (60 min): 30 ppm   AEGL-2 (60 min): 160 ppm   AEGL-3 (60 min): 1100 ppm
  IDLH: 300 ppm      LEL: 150000 ppm     UEL: 280000 ppm
  Ambient Boiling Point: -28.4° F
  Vapor Pressure at Ambient Temperature: greater than 1 atm
  Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
  Wind: 3 meters/second from WNW at 35 feet
  Ground Roughness: open country         Cloud Cover: 5 tenths
  Air Temperature: 77° F
  Stability Class: D (user override)
  No Inversion Height                    Relative Humidity: 50%

SOURCE STRENGTH:
  Evaporating Puddle (Note: chemical is flammable)
  Puddle Area: 52.53 square feet         Average Puddle Depth: 1 inches
  Ground Type: Concrete                  Ground Temperature: 77° F
  Initial Puddle Temperature: -28.4° F
  Release Duration: 50 minutes
  Max Average Sustained Release Rate: 17.6 pounds/min
     (averaged over a minute or more)
  Total Amount Released: 186 pounds

THREAT ZONE:
  Model Run: Gaussian
  Red   : 78 yards --- (1100 ppm = AEGL-3 [60 min])
  Orange: 191 yards --- (200 ppm = Default LOC-2)
  Yellow: 556 yards --- (25 ppm = ERPG-1)
```

This calculation is based on the assumption; approximately 40% (186 lbs.) of the 466 pounds of ammonia will form a pool on the roof the rest of the ammonia will vaporize. ALOHA automatically determines the Release Duration which is 50 mins. Please note the ALOHA height of release is at 35’-0” which is the estimated height of the roof with the pumped liquid lines.

Safety Features Considered

Due to the valve being located outside, the release does not consider any Safety Features.

RMP Comp version 2.01 was used to determine the distance to the toxic endpoint and established an Area of Concern with a radius of 0.1 miles for this part of the case scenario.

The 0.1 Area of Concern almost makes it to Betteravia Road, but does not reach an offsite population count, as indicated earlier in this document and thus no consequence.

Estimated Distance Calculation

Estimated distance to toxic endpoint: <0.1 miles (<0.16 kilometers); report as 0.1 mile

This is the downwind distance to the toxic endpoint specified for this regulated substance under the RMP Rule. Report all distances shorter than 0.1 mile as 0.1 mile, and all distances longer than 25 miles as 25 miles.

Scenario Summary

Chemical:	Ammonia (anhydrous)
CAS number:	7664-41-7
Threat type:	Toxic Gas
Scenario type:	Alternative
Physical state:	Liquefied under pressure
Release duration:	50 minutes
Release rate:	3.72 pounds per min
Mitigation measures:	NONE
Surrounding terrain type:	Rural surroundings (terrain generally flat and unobstructed)
Toxic endpoint:	0.14 mg/L; basis: ERPG-2

Assumptions about this scenario

Wind speed:	3 meters/second (6.7 miles/hour)
Stability class:	D
Air temperature:	77 degrees F (25 degrees C)

For the remaining 280 pounds, which will be an instantaneous vapor release, the data inputted into ALOHA is as follows:

```
SITE DATA:
  Location: SANTA MARIA, CALIFORNIA
  Building Air Exchanges Per Hour: 0.50 (enclosed office)
  Time: May 24, 2021  1927 hours PDT (using computer's clock)

CHEMICAL DATA:
  Chemical Name: AMMONIA
  CAS Number: 7664-41-7                  Molecular Weight: 17.03 g/mol
  Default LOC-2: 200 ppm
  AEGL-1 (60 min): 30 ppm   AEGL-2 (60 min): 160 ppm   AEGL-3 (60 min): 1100 ppm
  IDLH: 300 ppm      LEL: 150000 ppm     UEL: 280000 ppm
  Ambient Boiling Point: -28.4° F
  Vapor Pressure at Ambient Temperature: greater than 1 atm
  Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
  Wind: 3 meters/second from WNW at 35 feet
  Ground Roughness: open country         Cloud Cover: 5 tenths
  Air Temperature: 77° F
  Stability Class: D (user override)
  No Inversion Height                    Relative Humidity: 50%

SOURCE STRENGTH:
  Direct Source: 280 pounds              Source Height: 35 feet
  Release Duration: 1 minute
  Release Rate: 4.67 pounds/sec
  Total Amount Released: 280 pounds
  Note: This chemical may flash boil and/or result in two phase flow.
     Use both dispersion modules to investigate its potential behavior.

THREAT ZONE:
  Model Run: Gaussian
  Red   : 230 yards --- (1100 ppm = AEGL-3 [60 min])
  Orange: 676 yards --- (200 ppm = Default LOC-2)
  Yellow: 1593 yards --- (25 ppm = ERPG-1)
```

RMP Comp version 2.01 was used to determine the distance to the toxic endpoint and established an Area of Concern with a radius of 0.3 miles for this part of the case scenario.

Estimated Distance Calculation

Estimated distance to toxic endpoint: 0.3 miles (0.5 kilometers)

This is the downwind distance to the toxic endpoint specified for this regulated substance under the RMP Rule. Report all distances shorter than 0.1 mile as 0.1 mile, and all distances longer than 25 miles as 25 miles.

Scenario Summary

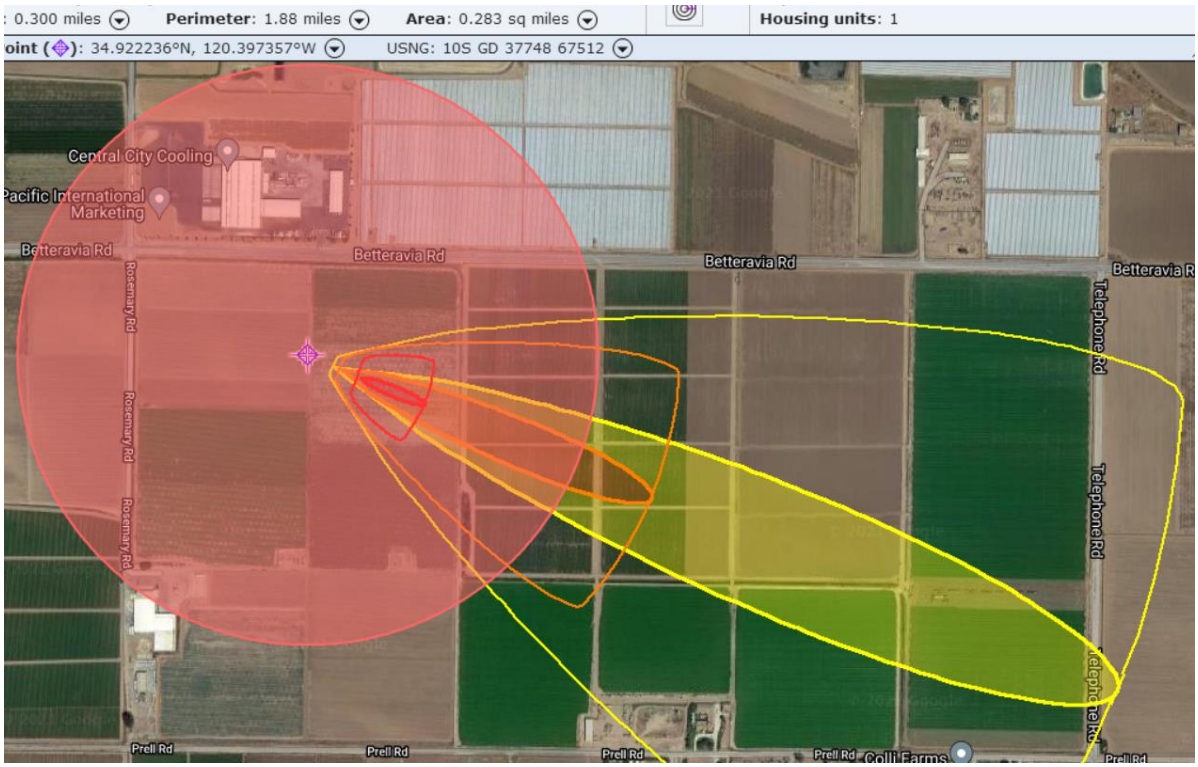
Chemical:	Ammonia (anhydrous)
CAS number:	7664-41-7
Threat type:	Toxic Gas
Scenario type:	Alternative
Physical state:	Liquefied under pressure
Release duration:	1 minutes
Release rate:	280 pounds per min
Mitigation measures:	NONE
Surrounding terrain type:	Rural surroundings (terrain generally flat and unobstructed)
Toxic endpoint:	0.14 mg/L; basis: ERPG-2

Assumptions about this scenario

Wind speed:	3 meters/second (6.7 miles/hour)
Stability class:	D
Air temperature:	77 degrees F (25 degrees C)

The 0.3-mile Area of Concern does make it offsite and does reach an offsite (according to the census) population count of two (2) within one (1) housing unit as indicated earlier in this document. See the Marplot on the next page. In reviewing the current satellite map closer reveals there is no residence within the 200ppm endpoint circle, only another cold storage. So it is our observation that there is no population count that will be affected by this scenario and thus no consequence.

Failed Weld or Valve Seal (OCA-3) Vapor Scenario – Marplot & ALOHA Modeling



Summary of Release Scenarios

Scenario	Release Rate	Duration	Quantity Released	Safety Features Considered	Urban / Rural Toxic Endpoint
Worst-case Release	413 lbs/min	10 min	7,500 lbs. (to outside air)	Yes	1.3 miles
OCA-1 Alternate Release	597.35 lbs/min	5 min	2,987 lbs.	Yes	0.3 miles
OCA-2 Alternate Release	6.22 lbs/min	120 min	746 lbs.	No	0.1 miles
OCA-3 Alternate Release	9.32 lbs/min average	50 min total	466 lbs.	No	0.3 miles - vapor release

Description of Dispersion Model

RMP*Comp was used as the dispersion model as recommended in the EPA guidelines. The current version used was RMP*Comp 2.01. RMP*Comp was developed by the CAMEO Team at the Office of Response and Restoration, National Ocean Service, National Oceanic and Atmospheric Administration (NOAA), and the EPA Office of Emergency Management.

ALOHA was used for downwind impact. ALOHA (Areal Locations of Hazardous Atmospheres) is a modeling program that estimates threat zones associated with hazardous chemical releases, including toxic gas clouds, fires, and explosions. A threat zone is an area where a hazard (such as toxicity, flammability, thermal radiation, or damaging overpressure) has exceeded a user-specified Level of Concern (LOC) and the Toxic Endpoint.

F. Public Receptors

This report examined the neighboring community to identify the residential population and other public receptors. The Distance to Toxic Endpoint was used as the radius of the circle defining the Area of Concern. The table below lists various types of public receptors according to the CalARP/RMP regulations and identifies which receptors are affected in each release scenarios.

Receptor Categories	Worst-case Release Scenario	Alternate-case Release Scenario
Residences	**Yes**	No
Elementary Schools	No	No
Middle Schools	No	No
High Schools	**Yes**	No
Colleges (including campus housing, sports fields)	No	No
Child/Day Care Centers	No	No
Recreational Areas (arenas, parks, campgrounds, etc)	No	No
Commercial and Retail Establishments	**Yes**	No
Industrial Areas	**Yes**	**Yes**
Prison / Correctional Facilities	No	No

Schools
Note: All greater than .48 mile from facility
Santa Maria High School

G. Environmental Thresholds and Guidelines Manual Hazard Assessment Relationship

With one alternate case release scenario reaching a 0.3-mile radius, this distance was used to summarize the impact of onsite and offsite projected population receptors. The County of Santa Barbara Environmental Thresholds and Guidelines Manual gives a definition of a serious injury. A serious injury is physical harm to a person that requires significant medical intervention. Arctic Cold has looked to the anhydrous ammonia AEGLs (acute exposure guideline levels) and the IDLH of 300ppm to help determine a concentration level that potentially may produce a serious injury. Both AEGL and IDLH exposures are analyzed on a time weighted average. This means the atmospheric concentrations are based on the concentration of the chemical and the amount of time an individual was exposed. The IDLH values were established to ensure that the worker can escape from a given contaminated environment in the event of failure of the respiratory protection equipment. The IDLH is based on a thirty-minute exposure. The IDLH value was used to define a non-serious injury and would not likely require hospitalization.

The AEGLs are used by emergency planners and responders as a guide to deal with rare, usually accidental hazmat releases. They are designed to protect the elderly and children, and other individuals that may be susceptible. The following is what might be experienced at each level. AEGL level 3 was used to define a serious injury per Cal OSHA, Chapter 3.2, Subchapter 1, Article 1, §330, “means any injury or illness occurring in a place of employment or in connection with any employment that requires inpatient hospitalization for other than medical observation or diagnostic testing”.

The AEGLs for anhydrous ammonia are as follows:

Ammonia 7664-41-7 (Final) Expressed in PPM					
Acute Exposure Guideline Level	10 min	30 min	60 min	4 hr	8 hr
AEGL 1	30	30	30	30	30
AEGL 2	220	220	160	110	110
AEGL 3	2,700	1,600	1,100	550	390

The population that has the potential of exposure at this level is limited to Arctic Cold personnel. The following table identifies the projected population counts within each area of the Arctic Cold facility.

It should be noted that for safety, the valve groups for the freezer rooms, blast cells, cooler room, finish goods room and loading dock are located on the roof. This is an industry practice to eliminate employee exposure from a potential valve leak such as inside a freezer room with no engineered ventilation.

In summary, the population counts onsite that would have the potential for exposure based on the incident are as follows:

*__Note__ – The Scenario/Incident in table below are independent scenarios and **not** cumulative.

Scenario / Incident	Location	Employee Count	Potential Level of Exposure
OCA-1	Refrigeration Room	< 2 (not constant)	AEGL 3
OCA-3	Liquid Line Outside	< 2; Not in populated area	AEGL 3
Release	Freezer / Cold Rooms	4 – 5 per room / area	< 300 ppm

Referencing the parameters used to define a non-serious and serious injury in the previous paragraphs, a release in the freezer/cold rooms would likely result in a non-serious injury since the potential exposure is below 300 ppm.

H. Off-site Environmental Receptors (19 CCR 2750.6)

This report examined the neighboring community to identify the environmental receptors The Distance to Toxic Endpoint was used as the radius of the circle defining the Area of Concern. The table below identifies the receptor category for each type of receptor that is totally or partially within the Areas of Concerns of either release scenario.

Receptor Categories	**Worst-case Release Scenario**	**Alternate-case Release Scenario**
National or State Parks, Forests, or Monuments, etc.	No	No
Officially Designated Sanctuaries, Preserves or Refuges	No	No
Federal Wilderness Areas	No	No
Waterways, Rivers, or Wetlands Directly Receiving Storm-water Run-off Santa Maria River	No	No
Other	No	No

Section 3 – Ammonia System Engineering Safety Systems

Implementation of the installation of the Arctic Cold – Santa Maria facility would potentially result in the exposure of hazardous materials to the public; therefore, mitigation to reduce the potential for an accidental release of hazardous materials are being incorporated and designed into the ammonia refrigeration system for this facility. Some of which are required by Federal, State and Local regulations.

As mentioned above, the facility will be following the California Accidental Release Prevention (CalARP) program which is designed to prevent the accidental release of regulated substances and to reduce the consequences in the event of release occurs. The program requires businesses that handle more than a threshold quantity of a regulated substance to develop and maintain a Risk Management Plan (RMP), which includes a hazard assessment, prevention and emergency response. Along with these programs, since this refrigeration system will have over 10,000 lbs. of ammonia, the facility will be required to also follow the OSHA Process Safety Program (PSM). This program requires Standard Operating Procedures (SOP's) so the system is operated in a safe manner, manages changes in the system and also incorporates a mechanical integrity program which has to be done every five years. The mechanical integrity program is an inspection process of the refrigeration system which is an ongoing process that reduces equipment mechanical failures.

The Arctic Cold ammonia refrigeration system and facility will have a state of the art control system and design features that are specifically geared to employee safety and offsite exposure. Outside of the control system, the average individual can detect ammonia at very low concentrations (<5ppm) and are able to evacuate the area, institute an evacuation at the designated concentration levels, and make proper notifications.
Below is a list of some of the regulations and features that will provide additional safety measures for personnel onsite and offsite.

- Verification that the pressure relief valves of the ammonia storage vessels have been appropriately sized to vent to the diffusion tank (will not vent to the atmosphere) in both normal and overheat conditions and in fire conditions in the refrigeration room.
- Coordinate with the Santa Maria Fire Department, the initial system charge of the ammonia into the refrigeration system. The initial charging of the ammonia system shall occur under the direct supervision of the Santa Maria Fire Department and shall comply with all applicable system ammonia charging procedures per ANSI/IIAR Standard 5: Startup and Commissioning of Closed-Circuit Ammonia Refrigeration Systems.
- Prior to initial charge, Arctic Cold shall complete a Process Hazard Analysis that verified that the system has been fully designed to include all necessary safety requirements and precautions to reduce the level of risk of an accident release.
- Prior to the issuance of certificate of occupancy, Arctic Cold shall prepare a Risk Management Program (RMP) pursuant to the CalARP (CCR Title 19, Division 2, Chapter 4.5, and Sections 2735-2785) and submit to the County for approval.

- Prior to the issuance of certificate of occupancy, Arctic Cold shall submit to the County and Santa Maria Fire Department for approval, an emergency action plan that coordinates the actions of the facility with local emergency responders and outlines specific measures to notify, protect, and if necessary evacuate affected receptors in the event of an accidental release of anhydrous ammonia.
- **Remote Access:** allow remote access via PLC to the control system functions including start, stop, etc. and receive notifications for system upsets – An employee is capable to take the necessary steps to help mitigate a potential problem remotely without the risk of exposure. This will be monitored remotely from Arctic Cold administrative and maintenance offices.
- **Facility & Refrigeration Room Cameras:** Multiple cameras will be placed in and around the facility – With a camera in the Refrigeration Room, it will enable personnel to remotely monitor potential situations in the area and know if it is safe to enter.
- **Liquid King Valve:** Integrated control for the king liquid valve with two (2) solenoids – This will stop liquid ammonia from the High Pressure Receiver (high side) from going out into the system.
- **Refrigeration Room Exhaust Control:** Upon leak detection in the Refrigeration room, the controls will enable the emergency exhaust fan(s) to run at 100% speed. There will be an alarm if the fan motors fail (IIAR-2-2014 Standard) – The standard requires 30 air changes per hour. The high velocity (2,500 ft/min) ventilation fans discharges the ammonia vapor high into the air, where it can disperse and not sink back to ground level affecting any people.
- **Refrigeration Room Ammonia Detection:** Provide automatic response and display ammonia concentration in PPM. Provide:
    a. Six audio/horn strobe assemblies for the Refrigeration Room area – This notifies personnel of an ammonia release to prevent them from entering.
    b. Two low range ammonia sensors (0-250 PPM). They will alarm at 25 PPM, and provide an alarm to the appropriate personnel and “monitored” location – This notifies personnel that may be in the Refrigeration Room of a potential ammonia leak/release. The notified personnel and monitored location can then take the appropriate actions to fix and/or mitigate the leak/release.
    c. One high range ammonia sensor (0 to 2% ppm). Shutdown all rotating equipment and de-energize all normally closed solenoid valves – They will close liquid feed valves to prevent more ammonia from entering the system.
    e. Install and monitor four emergency refrigeration shutdown switches – This will allow an employee to hit the switch to lower the high side pressure by shutting off the compressors and in turn the system will equalize.
    f. Install and monitor ventilation enable switch – Employees and/or the Fire Department will be able to start ventilation if not triggered by the room concentration to help lower levels.

g. Refrigeration Room Response Action:
    i. Start Emergency Ventilation on @ 25 PPM
    ii. All rotating equipment stops, and normally closed refrigerant valves de-energized at 1,500 PPM.

- **Refrigeration Room Entrance Monitor:** Two ammonia entrance monitors to display the PPM outside the Refrigeration Room – This helps employees perform a risk assessment to determine if entry can be made or if levels are above the IDLH.
- **Ammonia Detection Refrigerated Space(s):** Provide thirty-four 0-100 PPM stationary ammonia sensors and thirty-three alarm horn strobe assemblies for the refrigerated spaces. Energize the horn strobe assemblies when the ammonia sensor in the area reaches 25 PPM. Provide Level 3 ammonia response (IIAR-2-2014);
    b. The warning alarm is supplied as a digital output for alarming to a monitored location.
    c. Evaporator zone hot gas and liquid solenoid valves will be de-energized at 50 PPM.
    d. Associated liquid pumps will be de-energized at 100 PPM.
    e. Evaporator fan motors will be de-energized at 100 PPM.

  The detection in the refrigerated spaces notifies the 4 to 5 employees that may be in the space of a potential ammonia release. The ammonia detection is interlocked to de-energize the liquid feed and hot gas solenoid valves plus shut off the recirculator liquid pumps that supply the liquid, which in turn will stop the ammonia liquid flowing to the evaporators and limit the release.
- Building Egress & Emergency Lighting – building will be equipped with code required building egress and battery backup emergency egress lighting for quick evacuation of building in the event of alarm.
- Fire Alarm system will have a global shutdown of all evaporator fans in the event of Alarm.
- Fire Alarm/Suppression Systems – Fast response fire suppression system, including Quell K-34, an integrated fire alarm system that will alert emergency response personnel when triggered (fire or NH3 release). A 2-hour fire rated wall between the Refrigeration Room and Truck Dock will also be installed to further protect employees outside of the Refrigeration Room.

Based on the ALOHA modeling for the 0.3-mile alternate case release scenarios, the impact offsite will be at levels that would not induce serious injury. The levels that would affect the projected offsite populations are no greater than 200 ppm.

Safety Features to Limit Offsite Exposure

Based on the modeling, offsite exposure would be less than 200 ppm (minor, non-serious injury level) for a short time. Exposure to a 200-ppm concentration level for several minutes, most individuals would likely experience watery eyes, runny nose, and cough. Upon smelling ammonia at very low concentrations, the average individual will most likely take immediate action to move upwind and away from the pungent odor.

Ammonia gas is lighter than air and when it is discharged from the Refrigeration Room (at an elevation of 30'-0" above ground) it would be discharged with a high velocity/throw fan to push the gases higher into the atmosphere and away from any offsite individuals at ground level. It should also be noted that offsite exposure would further be reduced due to the likelihood of personnel residing within structures off Arctic Cold campus to further protect and shield from any level of exposure. Structures would also provide a wind block and direct gases away from individuals outdoors on the downwind (opposite) side of the Arctic Cold Building.

Considering the engineered safety measures, Arctic Cold employees will be notified of a potential ammonia release at very low levels. Based on the outcome of their investigation and risk assessment, notifications to the neighboring facilities may be made prior to reaching these levels downwind so the affected facility personnel can take appropriate action.

Section 4 – Ammonia Refrigeration Case History

There are multiple sources that have published data summarizing accident history and injury statistics for the ammonia refrigeration industry. Table 1 summarizes data from 1996 to 2011 based on states that have 300 or more ammonia refrigeration facilities in operation.

Table 1

Facilities Using Anhydrous Ammonia (1996-2011)

State	Number of Facilities	Number of Accidents	Number of Facilities with Accidents	Accident Rate	Number of Facilities with Multiple Accidents	Multiple Accident Rate	Total Number of Deaths	Total Number of Injuries
States with 300 or More Facilities (11) Using Anhydrous Ammonia								
IA	1,052	75	61	5.8%	10	1.0%	2	95
IL	969	57	50	5.2%	5	0.5%	0	339
KS	803	49	22	2.7%	6	0.7%	1	165
CA	685	75	56	8.2%	11	1.6%	0	91
NE	684	18	15	2.2%	2	0.3%	0	21
TX	587	84	52	8.9%	11	1.9%	2	136
MN	500	24	23	4.6%	1	0.2%	3	105
IN	420	51	36	8.6%	6	1.4%	1	23
ND	359	15	9	2.5%	1	0.3%	0	18
MO	355	26	23	6.5%	3	0.8%	0	7
OH	312	30	23	7.4%	6	1.9%	0	39

The 75 accidents that occurred at 56 of California's 685 facilities over those 15 years (1996-2011) did not result in any deaths. The 56 out of the 685 facilities that had accidents occur resulted in 91 injuries. This averages to be 1.2 injuries per incident over 15-years. It should be noted that all the data we have available, doesn't tell us how many of those injuries were offsite. That average would categorize the Arctic Cold facility as "not significant" per CEQA guidelines.

An abstract paper was published for the 2020 IIAR National Conference titled, *Case History: A Study of Incident in the Ammonia Refrigeration Industry*. The purpose of this paper was to answer questions that industry users have struggled to answer such as, what are the consequences of releases, what are the most common causes of incidents, and what can be done to prevent or minimize the consequences of the incidents. The following tables summarize this information.

The information in Table 2 was gathered from facilities participating in an IIAR survey asking specific questions of the participating facility's incidents.

Table 2

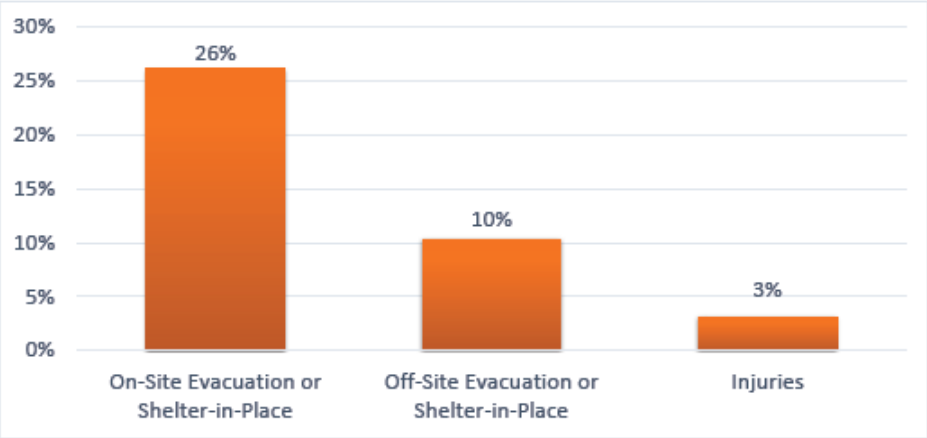


Figure 2. IIAR survey: Percentage of facilities experiencing a consequence of release.

Questionnaire respondents indicated that equipment failure caused approximately 60% of the reported incidents. The top five reported causes of equipment failure related to

- Leaks from mechanical seals,
- Corrosion,
- Relief valve opening prematurely,
- Hydraulic or thermal shock, and
- Failure of safety cutout.

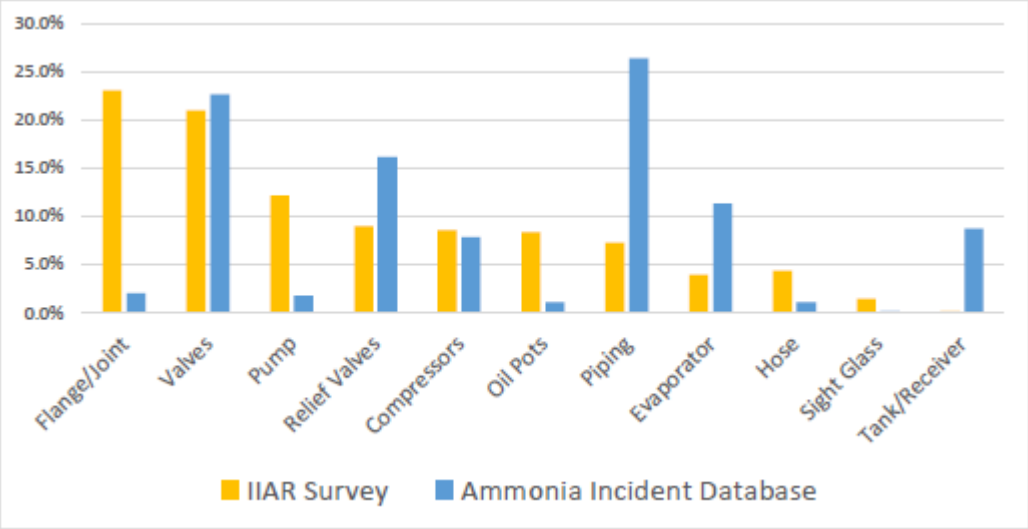
Table 3 is a breakdown of incidents from June 2005 through September 2019 for each EPA region. EPA Region 9 includes California, Nevada, Arizona, and Hawaii. On average, there were 6.6 incidents per year over a 14-year period. If divided by the states in the region, there would be 1.65 incidents per year per state over a 14-year period.

Table 3

EPA Region	Number of Incidents
EPA Region 1	53
EPA Region 2	27
EPA Region 3	71
EPA Region 4	132
EPA Region 5	106
EPA Region 6	93
EPA Region 7	51
EPA Region 8	32
EPA Region 9	93
EPA Region 10	68
Total in all regions	726

Table 4 summarizes the location of the releases reported for the IIAR survey and the EPA reporting database. The chart would indicate that 60 – 65% of the releases occurred from flanges, joints, valves, and piping.

Table 4



Piping and valves would be an area that would be studied and analyzed a little deeper during the process hazard analysis to ensure the engineering and administrative controls are adequate to prevent or reduce ammonia releases.

The paper detailed nine conclusions at the end of the paper. Some of the conclusions to note are:

2. Faulty and poorly maintained equipment were responsible for the largest number of incidents. These incidents are preventable through improvements to the system design (IIAR 2; IIAR 4) and mechanical integrity procedures (IIAR 6). In addition, facilities should identify and replace older, obsolete equipment on a timely basis.

5. The majority of the outdoor releases (~73%) identified in the Ammonia Incident Database were releases from pressure relief valves. Hazard analyses should be conducted to identify the potential circumstances that cause these pressure relief valves to open. Additional emphasis must also be placed on the design, operation, and maintenance of the overpressure relief protection systems.

7. Many incidents occurred during the commissioning and the decommissioning of ammonia refrigeration systems. IIAR has written standards addressing these situations (IIAR 4; IIAR 5; IIAR 8).

Upon searching the event data from the Center for Chemical Process Safety for key words, “Anhydrous Ammonia”, only two incidents appeared. Only one of the two was strictly from an anhydrous ammonia refrigeration system. The incident occurred at the Millard Refrigerated Services facility in Theodore, Alabama in August 2010. There were no fatalities resulting from the release. One Millard employee and 32 off-site individuals received injuries resulting from the release.

Section 5 – Four Step Screening Methodology

Based on the facility location, quantity of a hazardous substance and the potential to affect public receptors outside the facility property, per Santa Barbara County Environmental Thresholds and Guidelines Manual, Section 14, C (Applicability) and D (Determining When to Do a Quantitative Risk Analysis) a four-step screening methodology is required to show the ammonia refrigeration system meets the requirements of the County. This four-step methodology is as follows:

1. Certain facilities, such as major sour gas pipelines and gas processing facilities that support offshore oil and gas facilities, would automatically be subject to quantitative risk analysis and the risk thresholds. – This is not applicable to the Arctic Cold Santa Maria facility.

2. For facilities not included in Step 1, staff first determines the hazard zone based on the threshold levels of concentration for the particular hazardous materials involved and reasonably worst-case accidents. Any hazard zone that encompasses other potentially inhabitable land uses triggers step 3, inclusive of non-hazardous development proposed within the hazard zone of an existing hazardous facility. – Hazard zone encompasses off-site receptors, triggers Step 3.
3. Staff calculates the Individual Risk for the hazardous material involved, based on probability of an accident occurring, and proceeds to Step 4. Calculation may be pre-determined based on existing information or will be accomplished through a qualified risk analyst.
4. Staff adjusts the Individual Risk to reflect conditional probabilities, called the Individual Specific Risk. Such probabilities address factors such as number of hours in the day in which someone is present in the hazard zone. A measurement of one in a million (1×10^{-6}) on an annual basis indicates sufficient evidence to trigger the risk thresholds and a comprehensive risk analysis.

From Section 4 – Ammonia Refrigeration Case History, there were no deaths in California over that 15 year period (1996-2011). Since then we are only aware of one death which was onsite due to a non-qualified person who was trying to steal ammonia for drug use. In our 30+ years of working in the ammonia refrigeration industry we are not aware of any deaths from an ammonia refrigeration system release that occurred offsite in California or the US.
Looking at the Worst Case scenario and reviewing the affected population within the 200ppm radius endpoint, we find that a majority of that population resides in the south east sector of the circle. It appears to encompass about 31 residences with an estimated population of 124. But 2 of the residences (population of 8) are in the 1,100ppm endpoint and will be used in the possible fatality graph. So the estimated possible injures is estimated at 116.

Reviewing the wind data from the Wind Rose Plot for Santa Maria in Appendix “B”, the wind direction from the Arctic Cold facility to the affected population occurs about 5.0% of the time. That factored with the frequency from page 07 has the possible risk of failure with a chance of exposure from a vessel failure of 1.5×10^{-7}. Plotting this information in Figure 2 of the Santa Barbara County Environmental Thresholds and Guidelines Manual puts the incident in the “Green” area of the graph; see the graph on the next page.

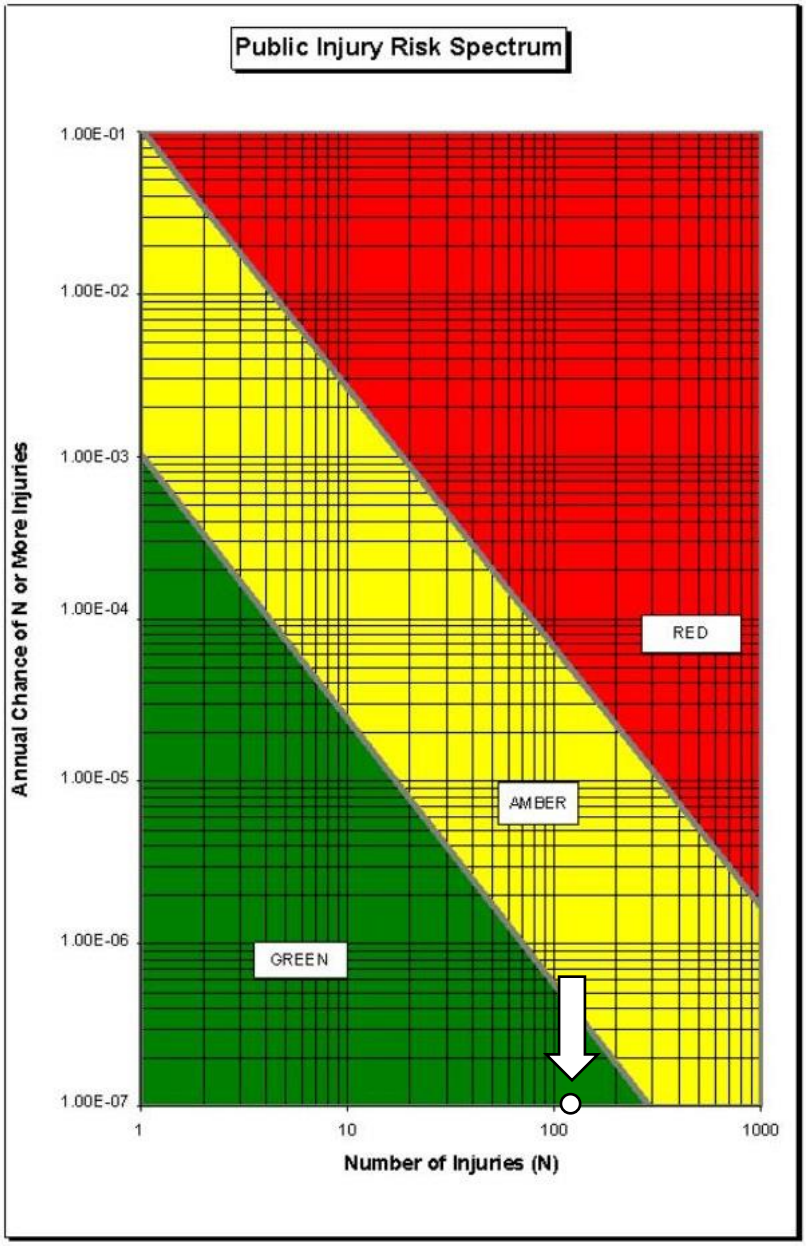


Figure 2 - Santa Barbara Injury Risk Thresholds

Reviewing this scenario and the affected population inside the 1,100pm endpoint, it appears to encompass 3 residences with an estimated population of 12. A majority of those are in the south east sector of the circle and has the highest occurrence for the wind direction from the Arctic Cold facility. It appears to encompass about 2 residences with an estimated population of 8. Within this endpoint there could be a very rare possibility of fatalities. Just to clarity; the data at hand along with our experience in this industry over 30+ years, there has been no fatalities from a refrigeration system ammonia leak offsite. The wind direction remains the same so the possible risk of failure with a chance of exposure from a vessel failure remains at 1.5×10^{-7}. Plotting this information in Figure 1 of the Santa Barbara County Environmental Thresholds and Guidelines Manual puts the incident in the “Green” area of the graph; see the graph on the next page.

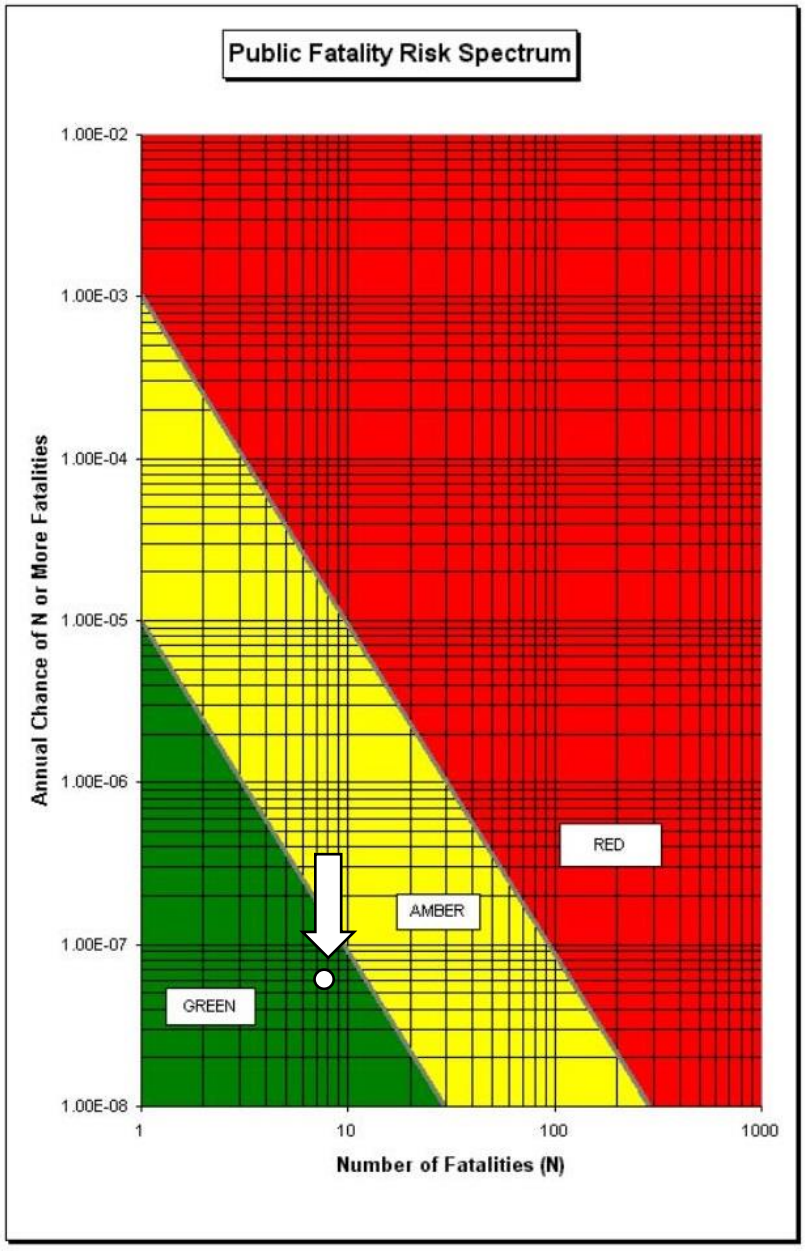


Figure 1 - Santa Barbara Fatality Risk Thresholds

Lastly just reviewing the historical data from Section 4 – Ammonia Refrigeration Case History and using that information from California of accidents recorded for over 685 facilities, there were 7.29×10^{-3} incidents per year, per facility per year over the 15 year period (1996-2011). We believe this number is more along the lines of the alternate scenarios that are likely to occur. The data doesn't identify as whether they were onsite or offsite injuries. Taking 10% of these as being offsite per the abstract paper from IIAR above says that there are 7.29×10^{-4} incidents per year per facility offsite from an ammonia refrigeration system incident. The same will be for the injuries; there were 91 injuries for the 75 incidents over the 685 facilities and 15 years. Taking 10% of that number for offsite occurrences is 1.18×10^{-4} (round to 1) injuries per incident, per year, per facility. Plotting this information in Figure 2 of the Santa Barbara County

Environmental Thresholds and Guidelines Manual puts the historical incidents in the “Green” area of the graph; see the graph below.

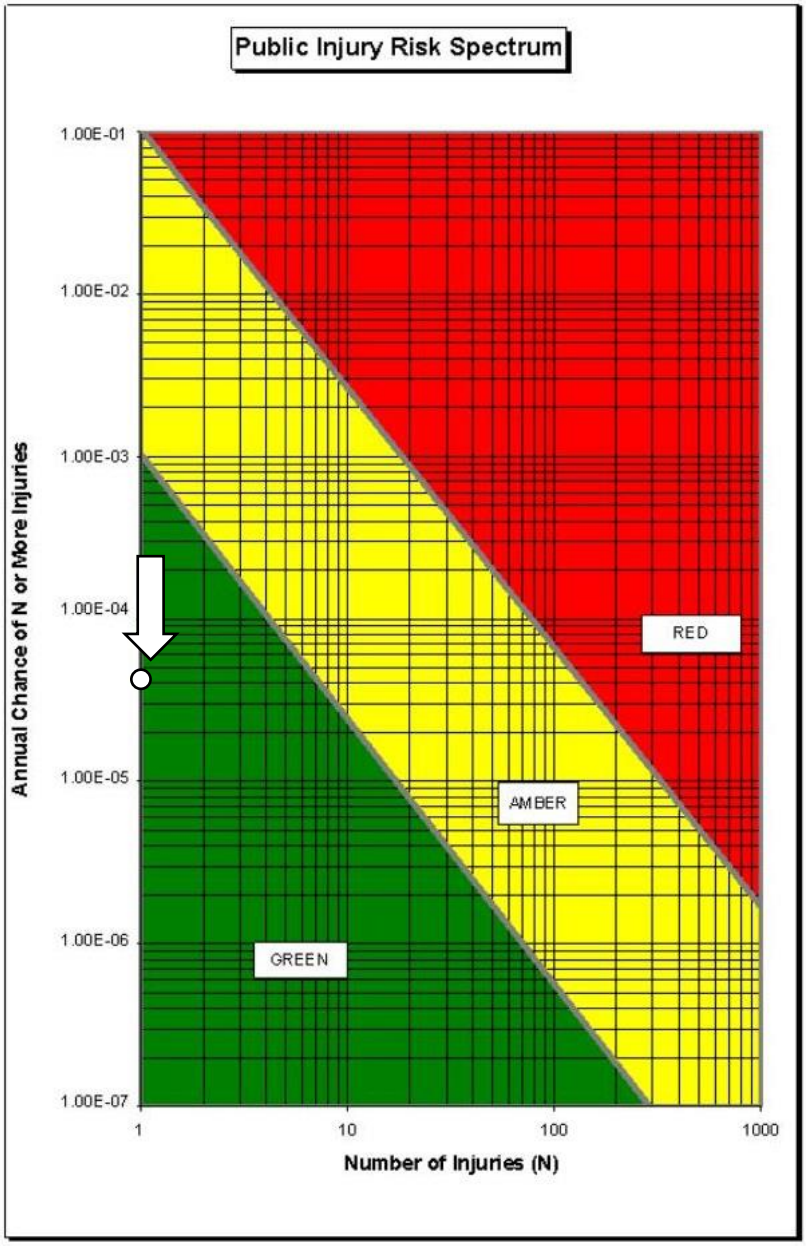


Figure 2 - Santa Barbara Injury Risk Thresholds

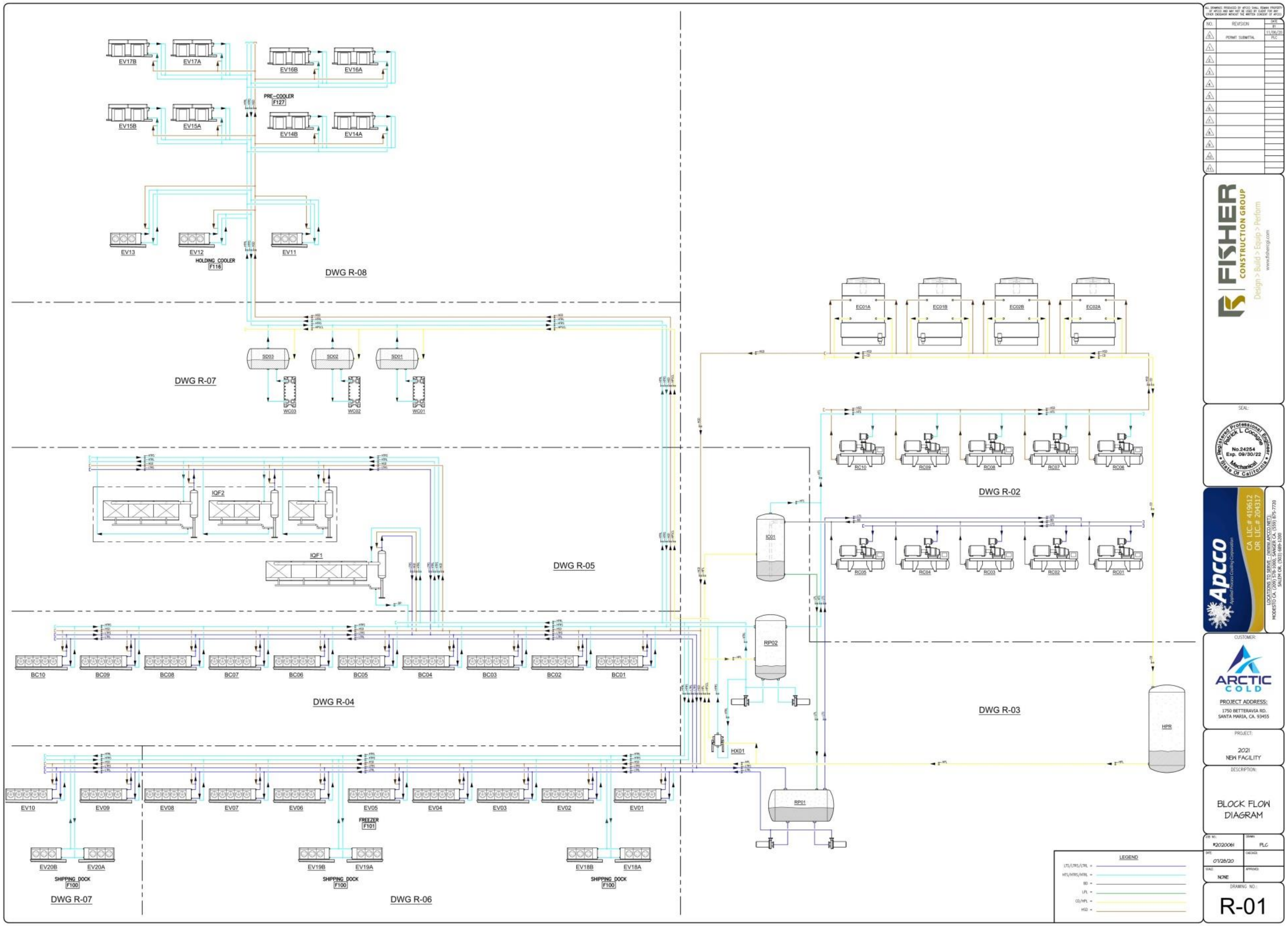
Section 6 – Summary & Conclusion

The number of individuals offsite that have the potential to be exposed to levels that would produce a serious injury was identified as a possibly of (12). **This does not consider the administrative protocols, controls, design and new equipment technologies that will be incorporated into the ammonia refrigeration system and the facility which will help to mitigate this type of exposure.**

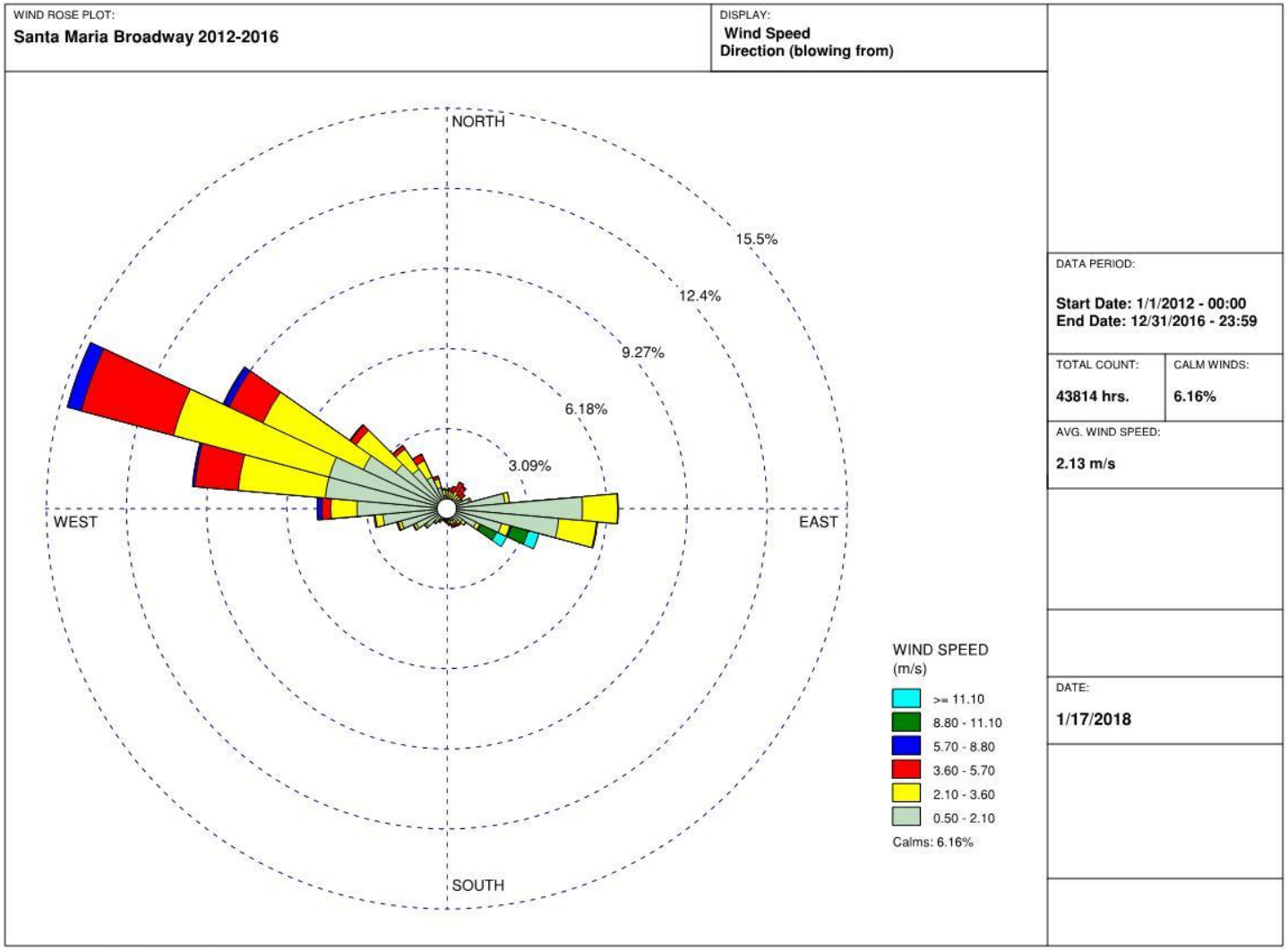
Considering the numerous safety features that accompany this new ammonia refrigeration system paired with the defined serious injury, Arctic Cold concludes that there will be no serious injuries with a few minor injuries. Off-site individuals have the potential to be exposed to levels that would produce minor irritation and lead to watery eyes, runny nose, and cough. The levels would be below any Cal OSHA exposure guideline and would be categorized as a non-serious injury.

For guiding the determination of significant and insignificant based on the estimated probability and consequence of an accident there are three threshold zones, red, amber, and green in the Santa Barbara County Environmental Thresholds and Guidelines Manual Section 14. Analyzing historical data that is available along with 30+ years of experience in the industrial ammonia refrigeration industry, the Arctic Cold – Santa Maria purposed ammonia refrigeration system would fall into the green zone for the Public Fatality Risk and the Public Injury Risk Spectrums.

Appendix A


DWG R-08
DWG R-07
DWG R-05
DWG R-04
DWG R-02
DWG R-03
DWG R-06
PRE-COOLER F127
HOLDING COOLER F116
FREEZER F101
SHIPPING DOCK F100
IQF1
IQF2
LEGEND
BLOCK FLOW DIAGRAM
2021 NEW FACILITY
PROJECT ADDRESS:
1750 BETTERAVIA RD.
SANTA MARIA, CA. 93455
R-01

Appendix B


WIND ROSE PLOT:
Santa Maria Broadway 2012-2016
DISPLAY:
Wind Speed
Direction (blowing from)
NORTH
EAST
SOUTH
WEST
15.5%
12.4%
9.27%
6.18%
3.09%
WIND SPEED
(m/s)
>= 11.10
8.80 - 11.10
5.70 - 8.80
3.60 - 5.70
2.10 - 3.60
0.50 - 2.10
Calms: 6.16%
DATA PERIOD:
Start Date: 1/1/2012 - 00:00
End Date: 12/31/2016 - 23:59
TOTAL COUNT:
43814 hrs.
CALM WINDS:
6.16%
AVG. WIND SPEED:
2.13 m/s
DATE:
1/17/2018
WRPLOT View - Lakes Environmental Software