PARTNER
Engineering and Science, Inc.®

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Agricultural Land

Assessor Parcel Numbers: 0128-311-02-000; 0128-211-03-000; 0128-311-07-000; 0128-311-08-000; and 0128-311-10-000
Ontario, California 91762

Report Date: August 13, 2015
Partner Project No. 15-143791.1

Prepared for:

CapRock Partners
2050 Main Street, Suite 240
Irvine, California 92614

PARTNER
Engineering and Science, Inc.

August 13, 2015

Mr. Patrick Daniels
CapRock Partners
2050 Main Street, Suite 240
Irvine, California 92614

Subject: Phase I Environmental Site Assessment
Agricultural Land
Assessor Parcel Numbers: 0128-311-02-000; 0128-211-03-000; 0128-311-07-000; 0128-311-08-000; and 0128-311-10-000
Ontario, California 91762
Partner Project No. 15-143791.1

Dear Mr. Daniels:

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the *Phase I Environmental Site Assessment* (Phase I ESA) report of the abovementioned address (the "subject property"). This assessment was performed in general conformance with the scope and limitations as detailed in the ASTM Practice E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property ownership, site manager, and regulatory agencies. An assessment was made, conclusions stated, and recommendations outlined.

We appreciate the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (773) 840-5070.

Sincerely,

DRAFT

Bob Geiger
Relationship Manager
Principal

EXECUTIVE SUMMARY

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in general accordance with the scope of work and limitations of ASTM Standard Practice E1527-13, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and set forth by CapRock Partners for the property located at Assessor Parcel Numbers (APNs): 0128-311-02-000; 0128-211-03-000; 0128-311-07-000; 0128-311-08-000; and 0128-311-10-000 in the City of Ontario, San Bernardino County, California (the "subject property"). The Phase I Environmental Site Assessment is designed to provide CapRock Partners with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the subject property.

Property Description

The subject property is located on the south side of Merrill Avenue and the west side of Archibald Avenue within a mixed residential and agricultural area of San Bernardino County. Please refer to the table below for further description of the subject property:

Subject Property Data	
Addresses/Assessor Parcel Numbers (APNs):	APNs 0128-311-02-000; 0128-211-03-000; 0128-311-07-000; 0128-311-08-000; and 0128-311-10-000, Ontario, California
Additional Addresses:	15066, 15090, and 15092 Archibald Avenue and 9507 Merrill Avenue, Ontario, California
Property Use:	Agriculture – Large Concentrated Animal Feeding Operation
Land Acreage (Ac):	95 Ac
Number of Buildings:	Six buildings and numerous three-sided storage structures
Number of Floors:	One
Gross Building Area (SF):	Not provided
Net Rentable Area (SF):	Not provided
Date of Construction:	Gradual build-out beginning in 1966 through circa 2002
Assessor's Parcel Number (APN):	0128-311-02-000 (Parcel A); 0128-211-03-000 (Parcel B); 0128-311-07-000 (Parcel C); 0128-311-08-000 (Parcel D); and 0128-311-10-000 (Parcel E)
Type of Construction:	Wood-framed for buildings and metal sheet for three-sided storage structures
Current Tenants:	Dairy farm and agricultural land
Site Assessment Performed By:	Brianna Menke of Partner
Site Assessment Conducted On:	July 21, 2015

The subject property consists of five parcels totaling approximately 95 acres of land, with access provided on the east from Archibald Avenue. The northern portion of the subject property (Parcels A, B, and E) is occupied by an active dairy farm operation and fallow agricultural land. The dairy farm operation consists of six buildings in total; one maintenance building, one storage building, one milking-operations building, and three single-family residences. In addition, numerous three-sided storage and feeding structures containing grain and hay are located throughout the northern portion of the subject property. The southern portion of the subject property is active agricultural land. The northern dairy farm operations

included the housing and milking of approximately 1,400 dairy cattle. On-site dairy farm related operations are therefore classified by the United States Environment Protection Agency (USEPA) as a large concentrated animal feeding operation (CAFO), as dairy farm operations include 1) the confining of dairy cattle for more than 45 days during a growing season, 2) in an area that does not produce vegetation, an 3) maintains or houses greater than 700 mature dairy cattle. More specifically, cattle are lodged on the northern and western portions of the subject property. They are milked in an operations building located in the northeast corner of the subject property, and the milk is stored in a refrigerated tower before it is taken off-site for processing. Manure from the cattle is stored in a large pile located in the northcentral portion of the subject property and subsequently land-spread and used as fertilizer at on-site and off-site agricultural properties as well as sold to independent companies. Storm water and waste water run-off at the subject property is directed to a large lagoon which is located adjacent to the west of the manure pile through two on-site sump pumps and natural gradients. The storm water/waste water is then conveyed throughout the subject property to agricultural land areas via an underground pipe and valve system. The southern agricultural portion of the subject property (Parcels C and D) is separated from the dairy farm operation by a line of trees and a chain link fence. Specific information pertaining to the nature of this agricultural operation was not provided, however low lying crop rows and an irrigation system was observed.

Petroleum products and hazardous substances such as diesel fuel, motor oil, waste oil, used oil filters, used batteries, animal medical sharps, fly spray, acid cleaner, iodine dips, bleach, herbicides and pesticides are present and used in daily agricultural and dairy farm related operations.

According to available historical sources, the subject property was formerly undeveloped as early as 1902 through 1930; developed as agricultural land and presumed residential/agriculture related structures along the northern and eastern perimeter from circa 1938 to 1966; developed with a dairy farm operation (CAFO) and gradual build-out of the current structures from 1966 to circa 2002; and developed in its current configuration in circa 2002. Tenants on the subject property have included residences (1968 to present); Enos Mello dairy farm operation (1971 to 1993); and Tadema/Golden West dairy farm operations 2003 to present).

The immediately surrounding properties consist of agricultural land to the north across Merrill Avenue; the Park Place residential community (under construction) to the northeast across the intersection of Archibald Avenue and Merrill Avenue; agricultural land to the northwest across the intersection of Merrill Avenue and the Cucamonga Drainage Canal; a dairy farm operation to the south across a unnamed tributary canal (tributary to the Cucamonga Drainage Canal); agricultural land to the southeast across Archibald Avenue and the terminal end of Remington Avenue; Park Place residential community to the east across Archibald Avenue; and agricultural land and a dairy farm operation to the west across the Cucamonga Drainage Canal.

According to topographic map interpretation and a previous subsurface investigation conducted on a nearby property (14400 South Grove Avenue, Case #T0607175289 – located 1.75 mile northwest of the subject property), the depth and direction of groundwater in the vicinity of the subject property is inferred to be approximately 120-feet below ground surface (bgs) and flow is reportedly toward the southwest.

Findings

A *recognized environmental condition (REC)* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment. The following was identified during the course of this assessment:

- Three aboveground storage tanks (AST) – one 900-gallon diesel AST, one unspecified capacity oil AST (less than 100-gallons) and one emergency power generator diesel AST (about 50-gallons) - are present on the subject property. All three ASTs are located in the northeastern portion of subject property near separate support buildings and features. Dark petroleum-like staining of the earthen ground surface was observed in the vicinity of both the 900-gallon diesel AST and oil AST. The associated ASTs have been in-service since at least the 1980s. There is a lack of qualitative soil and/or groundwater data relative to the observed surface release of petroleum product, and the horizontal and vertical extent of petroleum affected soil and/or groundwater is unknown. The presence of a surface release of petroleum product beneath and in the vicinity of the 900-gallon diesel AST and oil AST in the northeast corner of the subject property is identified as a REC in connection with the subject property.
- The subject property has been developed as agricultural land from as early as 1938 until present day. Farm-based operations with the use, storage, management of bulk quantities of agricultural related chemicals such as herbicides and fertilizers, (and likely pesticides) has been associated with the subject property for over 75-years. There is a lack of qualitative soil and/or groundwater data associated with current/former farming operations. According to the key site manager, herbicides, pesticides and manufactured fertilizers are not used on the northern portion of the subject property. During the July 2015 Phase I ESA site reconnaissance, Partner observed numerous empty and discarded containers of Prefar 4-E Selective Herbicide located on the ground near irrigation piping along the east central subject property boundary. Based on the location of these discarded containers and known typical application processes, it is assumed that agricultural chemicals are added to and conveyed through the irrigation system onto the agricultural cropland which extends across the southern portion of the subject property. Due to the presence of agricultural croplands on the southern portion of the subject property for over 75-years with the likely use and application of agricultural chemicals during a time period when related material management and handling operations were unregulated (pre 1970s), Partner cannot eliminate the potential for an undocumented release of such agricultural chemicals to have adversely impacted the soil and/or groundwater of subject property – specifically in areas subject to mixing and bulk storage. This condition is representative of a REC in connection with the subject property.
- According to the site representative, four private septic systems with likely associated leach fields service the subject property. Partner identified the location of one of the four septic systems during site reconnaissance activities. The locations of the remaining three septic systems are unknown. Petroleum products and hazardous substances have been utilized and associated with

the farming operations on the subject property for over 75-years - during a time period when related material management and handling operations were unregulated (pre 1970s), Partner cannot eliminate the potential for petroleum products and hazardous substances to have become displaced into the septic system (directory or indirectly) which may have adversely impacted the soil and/or groundwater of subject property – specifically in mechanical and equipment maintenance areas located in the northeast portion of the subject property. This condition is representative of a REC in connection with the subject property.

A *controlled recognized environmental condition (CREC)* refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The following was identified during the course of this assessment:

- Partner did not identify any controlled recognized environmental conditions during the course of this assessment.

A *historical recognized environmental condition (HREC)* refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. The following was identified during the course of this assessment:

- Partner did not identify any historical recognized environmental conditions during the course of this assessment.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion. The following was identified during the course of this assessment:

- One irrigation water well and two potable drinking water wells are located on the subject property. The water wells are situated in the east central and northeastern portions of the subject property, respectively. No information was reasonably ascertainable at the time of report publication relative to the well construction and water quality associated with these wells. Considering the unknown well construction details (such as depth to water and well casing sealing depths), that two of the potable water wells are in-service with water used for consumptive purposes in conjunction with the current/former use of agricultural chemicals, and the current/former land spreading of liquid manure across the subject property which may have adversely impacted water quality, these conditions are collectively indicative of an environmental issue (relative to human consumption of water from the on-site potable water supply) in connection with the subject property.
- According to review of the U. S. Fish & Wildlife Service National Wetlands Inventor (on-line Wetlands Mapper) a portion of the fallow agricultural land in the northeastern portion of the subject property is designated as a freshwater emergent classified wetland area. The lagoon is

identified as a freshwater pond (non-wetland classification). At the time of Partner's 2015 Phase I ESA site reconnaissance, the lagoon was dry and no standing water or wetland-like vegetation was observed on or the vicinity of the northeastern fallow agricultural land – freshwater emergent classified wetland area. A comprehensive wetlands survey would be required in order to formally determine the presence or absence of wetlands on the subject property.

- Due to the age of the majority of the subject property buildings, there is a potential that asbestos-containing material (ACM) and/or lead-based paint (LBP) are present. Overall, all suspect ACMs and painted surfaces were observed in good condition and do not pose an immediate health and safety concern to the occupants of the subject property at this time. Prior to any renovation or demolition activities, the identified suspect ACMs and LBP would need to be sampled to confirm the presence or absence of asbestos and/or lead in order to prevent potential exposure to workers and/or building occupants.
- Records obtained from the Regional Water Quality Control Board (RWQCB) indicate that in 1986 the amount of manure generated and land spread on the subject property exceeded the regulated discharge thresholds permitted for the subject property. As a result a *Cease and Desist Order* (Order No. 87-129) was issued in October 1987. The Order prohibited any further discharges of manure onto disposal land until October 1, 1995 or until such time as the waste discharge requirements for this facility were updated. In response, Mr. Enos Mello (owner of the dairy farm at the time) submitted a mitigation plan indicating that all manure generated at the facility would be hauled away and not disposed of on-site until the previously mentioned requirements had been met. On April 14, 1995, the RWQCB issued a letter rescinding the previous waste discharge requirements for the site (Order 72-D153) and granted the authorization to again discharge waste onsite via Order 94-7, discharge authorization number 94-7-101. The exiting dairy farm facility and its operations appear to be in compliance with current regulatory reporting requirements. No open notice of violations or cease and desist orders are on record. Based on the resolution of this matter and the subsequent compliance with operations, management, and reporting requirements, this incident is not expected to represent a significant environmental concern.
- A second *Cease and Desist Order No. 99-65* was issued to the dairy farm facility on August 20, 1999 and amended to Order No. 01-74 in 2001. This Order directed the facility to submit a draft Engineered Waste Management Plan (EWMP) by June 1, 2002. A final EWMP was submitted and approved by the RWQCB on April 17, 2003. On September 17, 2003 registered professional engineer certified and confirmed that the EWMP for this facility was fully being implemented. The exiting dairy farm facility and its operations appear to be in compliance with current regulatory reporting requirements. No open notice of violations or cease and desist orders are on record. Based on the resolution of this matter and the subsequent compliance with operations, management, and reporting requirements, this incident is not expected to represent a significant environmental concern.

- Partner noted the presence of several 55-gallon drums located outside the maintenance building on the northern portion of the subject property. The drums were not labeled indicating content (petroleum product) and were not situated within secondary spill containment. The petroleum waste is collected by Alexis Oil Company, a third party vendor, on an as-needed basis. Localized petroleum-like staining of the concrete beneath the drums were observed. Considering the localized petroleum-like staining on the concrete pad area and that no significant cracking or migration pathways were observed, this condition is considered representative of a *de minimis* environmental condition in connect with the subject property.

Conclusions, Opinions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of Assessor Property Numbers (APNs): 0128-311-02-000; 0128-211-03-000; 0128-311-07-000; 0128-311-08-000; and 0128-311-10-000 in the City of Ontario, San Bernardino County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed evidence of recognized environmental conditions and environmental issues in connection with the subject property. Based on the conclusions of this assessment, Partner recommends the following:

- A limited subsurface investigation is recommended to be conducted to further evaluate the soil and/or groundwater quality conditions with respect to the following:
    1. Select petroleum-like stained ground surface areas in the vicinity of the 900-gallon diesel AST and oil AST which are located in the northeast portion of the subject property
    2. Select areas in the vicinity of the east central irrigation well-head where mixing and storage of agricultural chemicals is suspected and where discarded herbicide containers were observed.
    3. Select areas in the vicinity of the septic system which services the northeastern structures and maintenance areas were petroleum products and hazardous substances currently/formerly have been used, stored, and managed.
- Water quality testing inclusive of agricultural related chemicals, fecal coliform, nitrates, etc. is recommended for the two potable water well systems on the subject property. In the event of a change in land-use or development resulting in an out-of-service condition, the water wells are recommended to be property abandoned in accordance with applicable local and state requirements.
- Unlabeled drums and containers containing product are recommended to be characterized and labeled and managed in accordance with applicable local, state and federal regulations.

- Petroleum product, non-hazardous liquid substances and hazardous substance containing containers are recommended to be stored within or upon appropriate secondary containment systems.
- Regulated petroleum products, non-hazardous and/or hazardous substances (such as batteries, oil drums, ASTs, aerosols, etc.) are recommended to be stored, managed, and disposed of in accordance with applicable local, state and federal regulations. In the event of a change in land-use or development, special waste management or recycling protocols associated with these materials may be applicable and additional material management costs may be incurred.
- An Operations and Maintenance (O&M) Program is recommended to implemented in order to safely manage the suspect ACMs and LBP located at the subject property. In the event of a change in land-use or development (inclusive of demolition of structures), a comprehensive ACM and LBP survey is recommended to facilitate the proper management and disposal of demolition debris.
- In the event of a change in land-use or development, a comprehensive wetland survey is recommended to determine the physical presence or absence of delineated wetlands.
- In the event of a change in land-use or development, manure piles, solid and liquid wastes of the lagoon, and the near surface soils and lining of the lagoon may be subject to special waste management or recycling protocols and additional material cost may be incurred.
- In the event of a change in land-use or development associated with an end-use being an environmentally sensitive receptor (an occupant or facility such as residence, child care, elderly car, school, hospital, etc.), the associated agricultural land and livestock yard areas may represent an environmental concern due to the former agricultural chemical applications and manure affected near surface soils (nitrate/phosphate loading). Additional subsurface investigation may be warranted to specifically address the planned use or redevelopment considerations associated with the subject property.

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1.0 INTRODUCTION

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in general conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property comprised of Assessor Pin Numbers 0128-311-02-000; 0128-211-03-000; 0128-311-07-000; 0128-311-08-000; and 0128-311-10-000 in the City of Ontario, San Bernardino County, California (the "subject property"). Any exceptions to, or deletions from, this scope of work are described in the report.

1.1 Purpose

The purpose of this ESA is to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E1527-13) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require clean-up, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances. The information contained in the ESA Report will be used by Client to: 1) evaluate its legal and financial liabilities for transactions related to foreclosure, purchase, sale, loan origination, loan workout or seller financing; 2) evaluate the subject property's overall development potential, the associated market value and the impact of applicable laws that restrict financial and other types of assistance for the future development of the subject property; and/or 3) determine whether specific actions are required to be performed prior to the foreclosure, purchase, sale, loan origination, loan workout or seller financing of the subject property.

This ESA was performed to permit the *User* to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) liability (hereinafter, the "*landowner liability protections*," or "*LLPs*"). ASTM Standard E1527-13 constitutes "*all appropriate inquiry* into the previous ownership and uses of the *property* consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B).

1.2 Scope of Work

The scope of work for this ESA is in general accordance with the requirements of ASTM Standard E1527-13. This assessment included: 1) a property and adjacent site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of regulatory agency records; and 5) a review of a regulatory database report provided by a third-party vendor. Partner contacted local agencies, such as environmental health departments, fire departments and building departments in order to determine any current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the subject property. Additionally, Partner researched information on the presence of activity and use limitations (AULs) at these agencies. As defined by ASTM E1527-13, AULs are the legal or physical

restrictions or limitations on the use of, or access to, a site or facility: 1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the subject property; or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls (IC/ECs), are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil or groundwater on the property.

If requested by Client, this report may also include the identification, discussion of, and/or limited sampling of asbestos-containing materials (ACMs), lead-based paint (LBP), mold, and/or radon.

1.3 Limitations

Partner warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the Scope of Work. These methodologies are described as representing good commercial and customary practice for conducting an ESA of a property for the purpose of identifying recognized environmental conditions. There is a possibility that even with the proper application of these methodologies there may exist on the subject property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. Partner believes that the information obtained from the record review and the interviews concerning the subject property is reliable. However, Partner cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the Client. No other warranties are implied or expressed.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This report is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

This practice does not address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provisions of the LLPs. Further, this report does not intend to address all of the safety concerns, if any, associated with the subject property.

Environmental concerns, which are beyond the scope of a Phase I ESA as defined by ASTM include the following: ACMs, LBP, radon, and lead in drinking water. These issues may affect environmental risk at the subject property and may warrant discussion and/or assessment; however, are considered non-scope issues. If specifically requested by the Client, these non-scope issues are discussed in Section 6.3.

1.4 User Reliance

CapRock Partners engaged Partner to perform this assessment in accordance with an agreement governing the nature, scope and purpose of the work as well as other matters critical to the engagement.

All reports, both verbal and written, are for the sole use and benefit of CapRock Partners. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with Partner granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, Client and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such Use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

This report has been completed under specific Terms and Conditions relating to scope, relying parties, limitations of liability, indemnification, dispute resolution, and other factors relevant to any reliance on this report. Any parties relying on this report do so having accepted the Terms and Conditions for which this report was completed. A copy of Partner's standard Terms and Conditions can be found at http://www.partneresi.com/terms-and-conditions.php.

1.5 Limiting Conditions

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM E1527-13.

Specific limitations and exceptions to this ESA are more specifically set forth below:

- Interviews with past owners, operators and occupants were not reasonably ascertainable and thus constitute a data gap. Based on information obtained from other historical sources (as discussed in Section 3.0), this data gap is not expected to alter the findings of this assessment with respect to the northern portion of the subject property. However, the inability to interview the current owner or occupant of the southern portion of the subject property has resulted in a data gap concerning what types of crops are grown and what pesticides, herbicides, or fungicides may be used onsite.
- Partner requested information relative to deed restrictions and environmental liens, a title search, and completion of a pre-survey questionnaire from the Report User. This information was not provided at the time of the assessment.
- Partner was unable to determine the property use at 5-year intervals, which constitutes a data gap. Information concerning historical use of the subject property was unavailable from 1931 to 1937. Except for property tax files and recorded land title records, which were not considered to be sufficiently useful, Partner reviewed all standard historical sources and conducted appropriate interviews.
- Partner submitted Freedom of Information Act (FOIA) requests to the San Bernardino County Fire Department and the Chino Basin Watermasters for information such as hazardous substance and

petroleum product use/storage/management and any associated releases thereof, underground storage tanks, and regulatory inspection records associated with the subject property and/or adjacent properties. As of this writing, these agencies have not responded to Partner's request. These records should be obtained and reviewed in order to rule out potential environmental concern to the subject property.

- Partner was not granted access to the storage building or any of the single-family residences on the subject property. According to on-site personnel, no hazardous substances or petroleum products are stored in these non-accessible structures. Based on the size and nature of use of the unobserved units (residential and storage), this limited method of survey is not expected to alter the overall findings of this assessment.

Due to time constraints associated with this report, the Client has requested the report despite the above-listed limitations.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The subject property comprised of Assessor Pin Numbers 0128-311-02-000 (Parcel A); 0128-211-03-000 (Parcel B); 0128-311-07-000 (Parcel C); 0128-311-08-000 (Parcel D); and 0128-311-10-000 (Parcel E) in Ontario, California is located on the south side of Merrill Avenue and the west side of Archibald Avenue. According to the San Bernardino County Assessor, ownership of Parcels A, B, and E of subject property are currently vested in Archibald/Merrill LLC since 2014; while Parcel C is vested in Marchris Corp since 1999. Parcel D ownership is noted to include a variety of trust entities, predominantly associated with the Miller family name. Detailed ownership and legal descriptions for parcels associated with the subject property are included in Appendix B of this report.

Please refer to Figure 1: Site Location Map, Figure 2: General Land Use Map, Figure 3: Site Plan, Figure 4: Topographic Map, and Appendix A: Site Photographs for the location and site characteristics of the subject property.

2.2 Current Property Use

The subject property consists of five parcels totaling approximately 95 acres of land, with access provided on the east from Archibald Avenue. The northern portion of the subject property (Parcels A, B, and E) is occupied by an active dairy farm operation and fallow agricultural land. The dairy farm operation consists of six buildings in total; one maintenance building, one storage building, one milking-operations building, and three single-family residences. In addition, numerous three-sided storage and feeding structures containing grain and hay are located throughout the northern portion of the subject property. The southern portion of the subject property is active agricultural land. The northern dairy farm operations included the housing and milking of approximately 1,400 dairy cattle. On-site dairy farm related operations are therefore classified by the USEPA as a Large CAFO, as dairy farm operations include 1) the confining of dairy cattle for more than 45 days during a growing season, 2) in an area that does not produce vegetation, an 3) maintains or houses greater than 700 mature dairy cattle. More specifically, cattle are lodged on the northern and western portions of the subject property. They are milked in an operations building located in the northeast corner of the subject property, and the milk is stored in a refrigerated tower before it is taken off-site for processing. Manure from the cattle is stored in a large pile located in the northcentral portion of the subject property and subsequently land-spread and used as fertilizer at on-site and off-site agricultural properties as well as sold to independent companies. Storm water and waste water run-off at the subject property is directed to a large lagoon which is located adjacent to the west of the manure pile through two on-site sump pumps and natural gradients. The storm water/waste water is then conveyed throughout the subject property to agricultural land areas via an underground pipe and valve system. The southern agricultural portion of the subject property (Parcels C and D) is separated from the dairy farm operation by a line of trees and a chain link fence. Specific information pertaining to the nature of this agricultural operation was not provided, however low lying crop rows and an irrigation system was observed.

Petroleum products and hazardous substances such as diesel fuel, motor oil, waste oil, used oil filters, used batteries, animal medical sharps, fly spray, acid cleaner, iodine dips, bleach, herbicides and pesticides are present and used in daily agricultural and dairy farm related operations.

The subject property is designated for agricultural development by the City of Ontario.

The subject property was identified as a Historic Hazardous Waste and Substance (HIST CORTESE) and Enforcement Action Listing (ENF) site in the regulatory database report, as further discussed in Section 4.2.

2.3 Current Use of Adjacent Properties

The subject property is located within a mixed residential and agricultural area of San Bernardino County. During the vicinity reconnaissance, Partner observed the following land use on properties in the immediate vicinity of the subject property:

Immediately Surrounding Properties	
North:	Merrill Avenue beyond which is agricultural land (14744 Archibald Avenue)
Northeast:	Intersection of Archibald Avenue and Merrill Avenue, beyond which is Park Place a residential community – under construction (14739 Archibald Avenue)
Northwest:	Intersection of Merrill Avenue and Cucamonga Drainage Canal, beyond which is agricultural land
South:	Drainage canal, beyond which is a CAFO dairy farm operation - (6301 Archibald Avenue)
Southeast::	Archibald Avenue and the termination of Remington Avenue, beyond which is agricultural land
East:	Archibald Avenue beyond which is Park Place - a single-family residential community
West:	Cucamonga Drainage Canal, beyond which is agricultural land and a dairy farm operation (9467 Merrill Avenue and 15133 Carpenter Avenue)

The adjacent property to the north 14744 Archibald Avenue was identified as a San Bernardino County Fire Department Hazardous Materials Division Permit (San Bern. Co. Permit) site in the regulatory database report of Section 4.2. The adjacent property to the south was identified as a HIST CORTESE, ENF, and Wastewater Discharge System (WDS) site in the regulatory database report of Section 4.2.

2.4 Physical Setting Sources

2.4.1 Topography

The United States Geological Survey (USGS) *Corona North, California* Quadrangle 7.5-minute series topographic map was reviewed for this ESA. According to the contour lines on the topographic map, the northeastern portion of the subject property is located at approximately 660 feet above mean sea level (MSL); while the southwestern portion of the subject property is located at an elevation of about 645 feet MSL. The contour lines in the area of the subject property indicate the area is sloping moderately toward the southwest. The subject property is depicted on the 1967 map as largely undeveloped, with several small structures appearing along the northern and eastern perimeter.

A copy of the 1967 topographic map is included as Figure 3 of this report.

2.4.2 Hydrology

According to topographic map interpretation, the direction of groundwater in the vicinity of the subject property is inferred to flow toward the southwest. The nearest surface water in the vicinity of the subject property is the Cucamonga Creek/Cucamonga Drainage Canal located adjacent to the west of the subject property. Partner observed one on-site storm water/waste water (manure) lagoon the northern central portion of the subject property which was dry at the time of Partner's site reconnaissance. The on-site storm water/waste water lagoon of earthen construction, isolated and not directly connected to the Cucamonga Creek/Cucamonga Drainage Canal. Partner observed a small earthen channel containing standing run-off irrigation/storm water along the southern subject property boundary. No suspect environmental conditions such as sheens, discoloration of the water, debris or stressed vegetation was observed. No other settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

According to Mr. Glen Tadema (site representative and manager), two potable drinking water wells and one agricultural irrigation well are present on the subject property. The subject property is not serviced by a public water system. No information relative to construction or water quality details associated with the potable drinking water or irrigating well was available at the time of the report publication from the site representative, on-line California Department of Water Resources – Water Data Library, or the Chino Basin Watermaster (Freedom of Information Act request outstanding).

According to topographic map interpretation and a previous subsurface investigation conducted on a nearby property (14400 South Grove Avenue, Case #T0607175289 – located 1.75 mile northwest of the subject property), the depth and direction of groundwater in the vicinity of the subject property is inferred to be approximately 120-feet below ground surface (bgs) and flow is reportedly toward the southwest.

2.4.3 Geology/Soils

The subject property is located in the western portion of the Upper Santa Ana River Valley. Sediments beneath the property consist of unconsolidated to partly consolidated Quaternary strata to approximately 1,000 feet bgs. Consolidated Tertiary and Mesozoic sedimentary rocks underlie this material to about 7,000 feet bgs which is underlain by crystalline bedrock of pre-Mesozoic age. Sediments consist primarily of sandy soils with varying amounts of silt, clay and gravel.

Based on information obtained from the USDA Natural Resources Conservation Service Web Soil Survey online database, soils on the subject property are classified as Hilmar loamy fine sand (Hr). The Hilmar loam fine sand soil is characterized as a very deep, somewhat poorly to poorly drained soil which is a member of the sandy over loamy, mixed, active, calcareous, thermic family of Aeric Halaquepts. The permeability of Hilmar loamy fine sand is rapid and the corrosion potential on steel is high.

2.4.4 Flood Zone Information

Partner performed a review of the Flood Insurance Rate Map, published by the Federal Emergency Management Agency. According to Community Panel Number 06071C9375H, dated August 28, 2008, the

subject property appears to be located in Zone X, an area located outside of the 100-year and 500-year flood plains.

3.0 HISTORICAL INFORMATION

Partner obtained historical use information about the subject property from a variety of sources. A chronological listing of the historical data found is summarized in the table below:

Historical Use Information		
Period/Date	**Source**	**Description/Use**
1902-1930	Topographic Maps	Undeveloped land
1938-1966	Aerial Photographs, Topographic Maps, City Directories, Interviews	Developed with agricultural land and presumed residential/agriculture related structures along the northern and eastern perimeter
1966-circa 2002	Aerial Photographs, Topographic Maps, City Directories, Interviews, Agency Records	Dairy farm operations begin on the northern portion of the subject property, gradual build-out of current structures occurs
Circa 2002-Present	Aerial Photographs, City Directories, Interviews, Building Records, Agency Records	Developed with the current improvements which include a dairy farm operation, agricultural land, and approximately six structures (one maintenance building, one storage building, one milking operations building and three single-family residences) on the northern portion of the subject property, and agricultural land on the southern portion of the subject property

According to available historical sources, the subject property was formerly undeveloped as early as 1902 through 1930; developed as agricultural land and presumed residential/agriculture related structures along the northern and eastern perimeter from circa 1938 to 1966; developed with a dairy farm operation (CAFO) and gradual build-out of the current structures from 1966 to circa 2002; and developed in its current configuration in circa 2002. Tenants on the subject property have included residences (1968 to present); Enos Mello dairy farm operation (1971 to 1993); and Tadema/Golden West dairy farm operations 2003 to present).

Potential environmental concerns were identified in association with a release of petroleum product from on-site ASTs (surficial petroleum-like staining) and the use, application and mixing of agricultural chemicals such as herbicides and pesticides, as further discussed in Sections 3.1, 6.1, and 6.2.

3.1 Aerial Photograph Review

Partner obtained available aerial photographs of the subject property and surrounding area from EDR on July 27, 2015 and NETR Online on August 4, 2015. The following observations were noted to be visible on the subject property and adjacent properties during the aerial photograph review:

Date: 1938	***Scale: 1"=500'***
Subject Property:	Farmstead-like structures (small residential-like, barn and ancillary-like structures) are apparent in three areas on the subject property (northwest corner, northeast corner and south central). Other portions of the subject property appear to be agricultural land.
North:	Merrill Avenue is apparent immediately north of the subject property, beyond which are farmstead-like structures and agricultural land.
Northeast:	Agricultural land
Northwest:	Agricultural land
South:	Remington Avenue is apparent immediately south of the subject property, beyond which are farmstead-like structures and agricultural land.
Southeast:	Agricultural land
East:	Agricultural land
West:	Agricultural land

Date: 1948, and 1953	***Scale: 1"=500'***
Subject Property:	No significant changes visible
North:	No significant changes visible
Northeast:	No significant changes visible
Northwest:	The Cucamonga Drainage Canal appears, no other significant changes visible
South:	No significant changes visible
Southeast:	No significant changes visible
East:	No significant changes visible
West:	The Cucamonga Drainage Canal appears, no other significant changes visible

Date: 1967, and 1975	***Scale: 1"=500'***
Subject Property:	Structures and features similar in location as the existing dairy farm are apparent in the northern portion of the subject property. Other surrounding areas appear unchanged relative to the 1953 aerial photograph.
North:	No significant changes visible
Northeast:	No significant changes visible
Northwest:	No significant changes visible
South:	No significant changes visible
Southeast:	No significant changes visible
East:	No significant changes visible
West:	No significant changes visible

Date: 1985, and 1989	***Scale: 1"=500'***
Subject Property:	The current storage structure appears, no other significant changes visible
North:	No significant changes visible
Northeast:	No significant changes visible
Northwest:	No significant changes visible
South:	A presumed dairy farm operation appears, no other significant changes visible
Southeast:	No significant changes visible
East:	No significant changes visible
West:	A presumed dairy farm operation appears across the Cucamonga Drainage Canal,

Date: 1985, and 1989		*Scale: 1"=500'*
	no other significant changes visible	

Date: 1994		*Scale: 1"=500'*
Subject Property:	The third and final single-family residence appears on the southeast corner of the northern portion of the subject property, no other significant changes visible	
North:	No significant changes visible	
Northeast:	No significant changes visible	
Northwest:	No significant changes visible	
South:	No significant changes visible	
Southeast:	No significant changes visible	
East:	No significant changes visible	
West:	No significant changes visible	

Date: 2002, 2005, 2006, 2009, 2010, 2012		*Scale: 1"=500'*
Subject Property:	Additional CAFO dairy farm-like structures appear on the northern portion of the subject property, no other significant changes visible	
North:	No significant changes visible	
Northeast:	No significant changes visible	
Northwest:	No significant changes visible	
South:	No significant changes visible	
Southeast:	No significant changes visible	
East:	No significant changes visible	
West:	No significant changes visible	

Copies of select aerial photographs are included in Appendix B of this report.

Based on review of aerial photographs, it appears that the subject property has been developed with agricultural land from as early as 1938 until present day. There is a potential that agricultural related chemicals such as pesticides, herbicides, and fertilizers, may have been used and stored onsite. According to the key site manager for the northern portion of the subject property, these herbicides and pesticides are not used in the northern portion of the subject property. Partner observed numerous empty containers of Prefar 4-E Selective Herbicide around irrigation piping located at the agricultural operation on the southern portion of the subject property. Based on the location of these containers, it can be assumed that this material is added to the irrigation system used on the agricultural operation at the southern portion of the subject property. Partner was unable to obtain more information regarding this material or the likely weed and pesticide abatement processes. As such, it is possible that the water source and surrounding soil contains contaminants as a result of historical/current use of pesticides, herbicides, and/or fertilizers. This condition represents a recognized environmental condition.

3.2 Fire Insurance Maps

Partner reviewed the collection of Sanborn Fire insurance maps from EDR on July 22, 2015. Sanborn map coverage was not available for the subject property.

A copy of the Sanborn No Coverage letter is included in Appendix B of this report.

3.3 City Directories

Partner reviewed historical city directories (Haines and Company) obtained from Sherman Public Library on July 23, 2015 for past names and businesses that were listed for the subject property and adjacent properties. The findings are presented in the following table:

City Directory Search for Subject Property	
Year(s)	**Occupant Listed**
1945/46, 1951, 1959, 1963	No Listings
1968	Tony Martin (15066 Archibald Avenue)
1973	Hans Nederend (9507 Merrill Avenue)
1976	Enos C Mello (15090 Archibald Avenue)
1983	Vernon Mello (15066 Archibald Avenue); Enos Mello (15090 Archibald Avenue)
1988	Mello Dairies West (15090 Archibald Avenue)
1993	Danny Mello (15066 Archibald Avenue); Enos Mello, Mello Daisy No 1 (15090 Archibald Avenue); J and M Silva (15092 Archibald Avenue)
2002/03	Charlie Tadema (15090 Archibald Avenue); Golden West, Marlene Silva (15092 Archibald Avenue)
2008	Francisca Corrales (15066 Archibald Avenue); XXXXX (15090 Archibald Avenue); Glen Tadema (15092 Archibald Avenue)

* XXXX= A phone number is present but is not registered to a tenant or is disconnected.
**It should be noted that listings for the subject property and adjacent addresses appear in city directories researched for the cities of Ontario, Chino, and Corona.

According to the city directory review, the subject property has been occupied by tenants that appear in records which are further discussed in Section 4.1.4.

City Directory Search for Adjacent Properties	
Year(s)	**Occupant Listed**
1951, 1959, 1968	No Listings
1963	A Omlin (14739 Archibald Avenue); Tevelde G Dairy (14744 Archibald Avenue);
1973	A Omlin (14739 Archibald Avenue); Tevelde G Dairy (14744 Archibald Avenue); Maurice Weidman (6301 Archibald Avenue); Dave Ackerman (9467 Merrill Avenue); C A Vanderham (15133 Carpenter Avenue)
1976	A Omlin (14739 Archibald Avenue); Tevelde G Dairy (14744 Archibald Avenue); C A Vanderham (15133 Carpenter Avenue)
1983	John Swager (14739 Archibald Avenue); Ralph Tevelde (14744 Archibald Avenue); XXXX (9467 Merrill Avenue)
1988, 1993	John Swager (14739 Archibald Avenue); Ralph Tevelde (14744 Archibald Avenue); Dick Vanderham (15133 Carpenter Avenue)
2002/03	Kirk Souza (14739 Archibald Avenue); Ralph TE Velde (14744 Archibald Avenue); J Wilson (15133 Carpenter Avenue)
2008	XXXX (14739 Archibald Avenue); Norah Heatlie (14744 Archibald Avenue)

* XXXX= A phone number is present but is not registered to a tenant or is disconnected.

Based on the city directory review, no environmentally sensitive listings were identified for the adjacent property addresses.

3.4 Historical Topographic Maps

Partner reviewed historical topographic maps obtained from NETR Online on August 4, 2015. The following observations were noted to be depicted on the subject property and adjacent properties during the topographic map review:

Date: 1902, 1905, 1911, 1920, 1930, 1939, and 1946	
Subject Property:	Feature-less land
North:	Feature-less land
Northeast:	Archibald Avenue is illustrated beyond which is feature-less land
Northwest:	Feature-less land
South:	Feature-less land
Southeast:	Feature-less land
East:	Archibald Avenue is illustrated beyond which is feature-less land
West:	Feature-less land

Date: 1947, and 1963	
Subject Property:	Depicted as developed with several small structures and intermittent agricultural land
North:	Depicted as developed with a small structure and intermittent agricultural land across Merrill Avenue
Northeast:	The intersection of Archibald Avenue and Merrill Avenue appears, no other significant changes depicted
Northwest:	Depicted as developed with intermittent agricultural land across Merrill Avenue
South:	Depicted as developed with a small structures and intermittent agricultural land across a presumed road
Southeast:	Archibald Avenue and the termination of Remington Avenue appear, no other significant change visible
East:	No significant changes depicted
West:	Depicted as developed with a small structures and intermittent agricultural land

Date: 1969	
Subject Property:	Agricultural land no longer appears, no other significant changes depicted
North:	Agricultural land no longer appears, no other significant changes depicted across Merrill Avenue
Northeast:	No significant changes depicted
Northwest:	The Cucamonga Drainage Canal appears, agricultural land no longer appears, no other significant changes visible
South:	Agricultural land no longer appears, no other significant changes visible
Southeast:	No significant changes depicted
East:	No significant changes depicted
West:	The Cucamonga Drainage Canal appears, agricultural land no longer appears, no other significant changes visible

Date: 1975	
Subject Property:	Additional structures appear in the northern portion of the parcels, no other significant changes depicted
North:	Additional structures appear across Merrill Avenue, no other significant changes depicted
Northeast:	No significant changes depicted
Northwest:	No significant changes depicted
South:	No significant changes depicted
Southeast:	No significant changes depicted
East:	No significant changes depicted
West:	No significant changes depicted

4.0 REGULATORY RECORDS REVIEW

4.1 Regulatory Agencies

4.1.1 Health Department

The San Bernardino County Health Department does not maintain pertinent environmental related records. However, the San Bernardino County Fire Department is the regulating agency for all hazardous substance use, storage or releases, and the presence of USTs and AULs for the subject property area. Please see below.

4.1.2 Fire Department

Regulatory Agency Data	
Name of Agency:	San Bernardino County Fire Department (SBCFD)
Point of Contact:	Custodian of Records
Agency Address:	620 South E Street, San Bernardino, California
Agency Phone Number:	(909) 386-8401
Date of Contact:	August 3, 2015
Method of Communication:	Faxed Request
Summary of Communication:	As of the date of this report, Partner has not received a response from the SBCFD for inclusion in this report.

4.1.3 Air Pollution Control Agency

Regulatory Agency Data	
Name of Agency:	South Coast Air Quality Management District (SCAQMD)
Point of Contact:	Facility Information Detail Database
Agency Address:	21865 Copley Drive, Diamond Bar, California 91765
Agency Phone Number:	(909) 396-2000
Date of Contact:	July 23, 2015
Method of Communication:	Online Database Query
Summary of Communication:	According to records reviewed, the subject property is listed as an active dairy farm under the name Tadema Cattle Co. It should be noted that the SCAQMD database lists the subject property address as being located in Chino rather than Ontario. This tenant reportedly maintains two active Permits to Operate (PTO) as follows; one PTO for AgOps LACAF Dairy obtained in 2007 (permit relative to dairy farming), and one PTO for AGOPS EMERGENCY ICE (50-500 HP) obtained in 2009 (permit relative of the operation of a combustible engine generator). Records also show one inactive PTO for AGOPS EMERGENCY ICE (50-500 HP). No Notices of Violation (NOV) or Notices to Comply (NTC) were on file for this tenant. Based on the lack of any documented violations and the regulatory oversight in place, these records are not expected to represent a

Regulatory Agency Data	
	significant environmental concern. Records were available for an adjacent property, as discussed below: • The property, identified Tee Vee Dairy at 14744 Archibald Avenue, is located adjacent to the north of the subject property across Merrill Avenue. This facility is classified as a dairy farm that is out of business. According to SCAQMD records, this facility applied for an AGOPS EMERGENCY ICE (50-500 HP) PTO in 2005 which was rejected, an AGOPS PTO in 2005 which was canceled, and an additional AGOPS PTO in 2007 which was denied. No equipment was reportedly maintained on-site, and no NOVs or NTCs were on record. This tenant is also identified as a San Bern. Co. Permit site in the regulatory database of Section 4.2 for reportedly holding a historical status of special handler and special generator. These permits are listed as inactive as of 1997. Based on the current regulatory status, these records are not expected to represent a significant environmental concern.

A copy of pertinent documents is included in Appendix B of this report.

4.1.4 Regional Water Quality Agency

Regulatory Agency Data	
Name of Agency:	Regional Water Quality Control Board (RWQCB)
Point of Contact:	Custodian of Records
Agency Address:	3737 Main Street, Suite 500, Riverside, California
Agency Phone Number:	(951) 782-4130
Date of Contact:	July 27, 2015
Method of Communication:	Online Database Query, Email, and In Person
Summary of Communication:	Records reviewed included the following pertinent information:

- Enos C Mello Dairy began operating as a dairy farm facility with approximately 450 milking cows and 100 dry cows at the subject property as early as 1971.
- On October 6, 1972, the RWQCB adopted Order 72-D153 which outlined Waste Discharge Requirements for Enos Mello Dairy. These requirements included the following provisions: no discharge of dairy wastes to lands not owned or controlled by the discharger or that the discharger has not obtained permission from; the discharger must provide facilities to contain the runoff from manure areas; the discharge of dairy waste shall not cause pollution; additional requirements for the discharge of highly mineralized waste. This order also required the dairy farm to comply with all reporting requirements in the form of submitting an annual technical report.

- On March 8, 1973, the RWQCB adopted an Amendment to Order 72-D153 which stated that "*The discharge of manure waste to lands owner or controlled by the discharger shall not exceed 3 tons (dry weight) per acre per year.*"
- This facility applied for a Waste Discharge Facility Permit in 1982 to enlarge the existing operation. During an inspection that same year, a RWQCB inspector noted illegal wastewater discharge from the dairy farm operation onto the southern adjacent field (note, this southern adjacent field is likely referring to the southern portion of what is currently within the subject property boundary). Mr. Mello was ordered to stop this discharge and provide proper wastewater containment controls. Several similar "spill reports" were noted in subsequent years.
- Notice of Violation - In 1986 a letter was sent to Enos Mello stating that his dairy farm was in violation of the waste discharge requirements as outlined in Order 72-D153 - discharging dairy wastewater from the south end of the subject property into the adjacent Cucamonga flood control channel.
- In the 1986 Annual Report for Animal Waste Discharge prepared for the dairy farm, Mr. Mello stated that 658 tons of manure had been spread on 25 acres of land. On August 4, 1987, the RWQCB sent a letter stating that this amount exceeded Order 72-D153 requirements by 583 tons, and that an enforcement action was being prepared against the dairy farm operation for this violation. A resulting *Cease and Desist Order, Order No. 87-129* for this facility was issued in October 1987. The Order prohibited any further discharges of manure onto disposal land until October 1, 1995 or until such time as the waste discharge requirements for this facility were updated. As a corrective action/response, Mr. Enos Mello submitted a mitigation plan indicating that all manure generated at the facility would be hauled away and not disposed of on-site until the previously mentioned requirements had been met.
- On April 14, 1995, the RWQCB issued a letter rescinding the previous waste discharge requirements for the subject property (Order 72-D153) and granted authorization to discharge waste on-site via Order 94-7, discharge authorization number 94-7-101.
- A *Cease and Desist Order No. 99-65* was issued to the dairy farm facility on August 20, 1999 and amended to Order No. 01-74 in 2001. This Order directed the facility to submit a draft Engineered Waste Management Plan (EWMP) by June 1, 2002. An initial EWMP plan was submitted by Charlie Tadema on July 31, 2002. A final EWMP was submitted to the RWQCB on April 17, 2003 and was subsequently approved on June 3, 2003. As required by Order 99-65, the dairy farm facility had 120 days from the date of approval to fully implement the EWMP and submit a certification from a registered engineer attesting to the EWMP's implementation. In a September 17, 2003 letter to the RWQCB, a registered professional engineer confirmed that the EWMP for this facility which was prepared on January 8, 2003 had been fully implemented.
- Per RWQCB requirements, the dairy farm operation submits annual technical reports/reports of animal waste discharge. The most recent report for this facility, submitted on January 15, 2015, indicated that approximately 1,358 milking cows, 216 dry cows, 950 heifers, and 19 bulls were present on-site. Additionally, this report stated that approximately 7,956 tons of manure was produced, no manure was spread on cropland of the subject property or other cropland and about 11,365 tons of manure was hauled away under manifests from the subject property throughout 2014.

In summary, this site is also listed as a (HIST CORTESE) and ENF site in the regulatory database report. These listings pertain to *Cease and Desist Orders* issued in 1987 and 1999 as referenced above. Corrective actions including the ceasing of land spreading of manure (manure subsequently hauled off-site under manifests) and the submission and implementation of Engineered Waste Management Plan were completed and both the 1987 and 1999 *Cease and Desist Order* were satisfactorily resolved and dismissed. The exiting dairy farm facility and its operations appear to be in compliance with current regulatory reporting requirements. No open notice of violations or cease and desist orders are on record. Based on these conditions, these records are not expected to represent a significant environmental concern.

4.1.5 Department of Toxic Substances Control

Regulatory Agency Data	
Name of Agency:	California Department of Toxic Substances Control (DTSC)
Point of Contact:	Envirostor and Hazardous Waste Tracking System Databases
Agency Address:	Not Applicable
Agency Phone Number:	Not Applicable
Date of Contact:	July 23, 2015
Method of Communication:	Online Database Query
Summary of Communication:	No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the DTSC. Records were available for two adjacent properties, as discussed below: • The property, identified as Louis Kingma at 14744 Archibald Avenue, is located adjacent to the north of the subject property across Merrill Avenue. This site is listed as an inactive facility as of August 21, 2007, and no hazardous waste manifests were found for this tenant. Based on the current regulatory status, these records are not expected to represent a significant environmental concern. • The property, identified as George Verhoeven Grain Inc. at 6301 Archibald Avenue, is located adjacent to the south of the subject property. This site is listed as an inactive facility as of July 9, 2010, and no hazardous was manifests were found for this tenant. This address is also listed as a HIST CORTESE, ENF, and WDS site in the regulatory database of Section 4.2 under the tenant T&T Cattle Dairy. This tenant was reportedly issued a *Cease and Desist Order* in 1989 by the RWQCB for excess manure discharged to disposal land. Additionally, this tenant is listed as an active wastewater discharge site and is classified as

Regulatory Agency Data	
	an agricultural facility. Based on the current regulatory status and oversight, as well as the location of this facility relative to the subject property (hydrologically down-gradient), this site is not expected to represent a significant environmental concern.

A copy of pertinent documents is included in Appendix B of this report.

4.1.6 Building Department

Regulatory Agency Data	
Name of Agency:	Ontario Building Department (OBD)
Point of Contact:	Custodian of Records
Agency Address:	300 East B Street, Ontario, California
Agency Phone Number:	(909) 395-2000
Date of Contact:	July 21, 2015
Method of Communication:	In Person
Summary of Communication:	Records were available for review, as further discussed in the following table.

Building Records Reviewed for Subject Property

Year(s)	Owner/Applicant	Description
2003	Charlie Tadema	Building Permit for the reroofing of a house/garage at 15090 Archibald Avenue

A copy of pertinent documents is included in Appendix B of this report.

4.1.7 Planning Department

Regulatory Agency Data	
Name of Agency:	Ontario Planning Department (OPD)
Point of Contact:	Online Zoning Map
Agency Address:	300 East B Street, Ontario, California
Agency Phone Number:	(909) 395-2000
Date of Contact:	August 4, 3015
Method of Communication:	Online
Summary of Communication:	According to records reviewed, the subject property is zoned AG for Specific Plan Agriculture Preserve by the City of Ontario.

4.1.8 Oil & Gas Exploration

Regulatory Agency Data	
Name of Agency:	California Division of Oil, Gas and Geothermal Resources (DOGGR)
Point of Contact:	Well Finder Database
Agency Address:	Not Applicable
Agency Phone Number:	Not Applicable
Date of Contact:	July 23, 2015
Method of Communication:	Online Database Query

Regulatory Agency Data	
Summary of Communication:	According to DOGGR, no oil or gas wells are located on or adjacent to the subject property.

4.1.9 Assessor's Office

Regulatory Agency Data	
Name of Agency:	San County Bernardino Assessor (SBCA)
Point of Contact:	Parcel Information Database
Agency Address:	Not Applicable
Agency Phone Number:	Not Applicable
Date of Contact:	July 24, 2015
Method of Communication:	Online Database Query
Summary of Communication:	According to records reviewed, the subject property is identified by Assessor Parcel Number (APN) 0128-311-02-000 (Parcel A), 0128-211-03-000 (Parcel B), 0128-311-07-000 (Parcel C), 0128-311-08-000 (Parcel D), and 0128-311-10-000 (Parcel E). Ownership for the subject property is currently vested in Archibald/Merrill LLC since 2014 (Parcels A, B, and E) and in Marchris Corp since 1999 (Parcel C). Ownership information for Parcel D (multi-entities associated with various trusts) as well as legal descriptions for all parcels are included in Appendix B of this report.

A copy of pertinent documents is included in Appendix B of this report.

4.1.10 Other Agency

Regulatory Agency Data	
Name of Agency:	Chino Basin Watermaster (CBW)
Point of Contact:	Custodian of Records
Agency Address:	9641 San Bernardino Road, Rancho Cucamonga, California
Agency Phone Number:	(909) 484-3888
Date of Contact:	July 22, 2015
Method of Communication:	Faxed Request
Summary of Communication:	As of the date of this report, Partner has not received a response from the CBW for inclusion in this report.

A copy of pertinent documents is included in Appendix B of this report.

Regulatory Agency Data	
Name of Agency:	Ontario City Clerk (OCC)
Point of Contact:	Custodian of Records
Agency Address:	300 East B Street, Ontario, California
Agency Phone Number:	(909) 395-2000
Date of Contact:	July 20, 2015
Method of Communication:	In Person
Summary of Communication:	No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the OCC

A copy of pertinent documents is included in Appendix B of this report.

4.2 Mapped Database Records Search

Information from standard federal, state, county, and city environmental record sources was provided by EDR. Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. The information contained in this report was compiled from publicly available sources and the locations of the sites are plotted utilizing a geographic information system, which geocodes the site addresses. The accuracy of the geocoded locations is approximately +/-300 feet.

Using the ASTM definition of migration, Partner considers the migration of hazardous substances or petroleum products in any form onto the subject property during the evaluation of each site listed on the radius report, which includes solid, liquid, and vapor.

4.2.1 Regulatory Database Summary

Radius Report Data

Database	Search Radius (mile)	Subject Property	Adjacent Properties	Sites of Concern
Federal NPL or Delisted NPL Site	1.00	N	N	N
Federal CERCLIS Site	0.50	N	N	N
Federal CERCLIS-NFRAP Site	0.50	N	N	N
Federal RCRA CORRACTS Facility	1.00	N	N	N
Federal RCRA TSDF Facility	0.50	N	N	N
Federal RCRA Generators Site (LQG, SQG, CESQG)	0.25	N	N	N
Federal IC/EC Registries	0.50	N	N	N
Federal ERNS Site	Subject Property	N	N	N
State/Tribal Equivalent NPL	1.00	N	N	N
State/Tribal Equivalent CERCLIS	1.00	N	N	N
State/Tribal Landfill/Solid Waste Disposal Site	0.50	N	N	N
State/Tribal Leaking Storage Tank Site	0.50	N	N	N
State/Tribal Registered Storage Tank Sites (UST/AST)	0.25	N	N	N
State/Tribal Voluntary Cleanup Sites (VCP)	0.50	N	N	N
State/Tribal Spills	0.50	N	N	N
Federal Brownfield Sites	0.50	N	N	N
State Brownfield Sites	0.50	N	N	N
EDR MGP	Varies	N	N	N
EDR US Hist Auto Station	Varies	N	N	N
EDR US Hist Cleaners	Varies	N	N	N
Historic Hazardous Waste and Substance Sites (HIST CORTESE)	0.50	**Y**	**Y**	N
Wastewater Discharge System Sites (WDS)	Subject Property	N	**Y**	N
San Bernardino County Fire Department Hazardous Materials Division Permit (San Bern.	0.25	N	**Y**	N

Radius Report Data				
Database	**Search Radius (mile)**	**Subject Property**	**Adjacent Properties**	**Sites of Concern**
Co. Permit) Sites Enforcement Action Listing (ENF)	Subject Property	**Y**	**Y**	N

4.2.2 Subject Property Listings

The subject property is identified as a HIST CORTESE and ENF site in the regulatory database report, as discussed in detail within in Section 4.1.4.

In general, these listings pertain to *Cease and Desist Orders* issued in 1987 and 1999. Corrective actions including the ceasing of land spreading of manure (manure subsequently hauled off-site under manifests) and the submission and implementation of an Engineered Waste Management Plan were completed and both the 1987 and 1999 *Cease and Desist Order* were satisfactorily resolved and dismissed. The exiting dairy farm facility and its operations appear to be in compliance with current regulatory reporting requirements. No open notice of violations or cease and desist orders are on record. Based on these conditions, these records are not expected to represent a significant environmental concern.

4.2.3 Adjacent Property Listings

The adjacent property to the north, identified as Louis Kingma/Tee Vee Dairy located at 14744 Archibald Avenue, was identified as a San Bern. Co. Permit site in the regulatory database report. This site is listed as an inactive farm-based facility as of August 21, 2007. This site also maintained a permit to operate as a dairy farm and to operate a combustible engine generator. This site is not included within any petroleum product or hazardous substance release registries. The inclusion of the northern adjacent property within these registration-based listings does not constitute a REC in connection with the subject property. No further investigation or corrective actions are warranted.

The adjacent property to the south, identified as George Verhoeven Grain Inc. /T&T Cattle Dairy located at 6301 Archibald Avenue was identified as a HIST CORTESE, ENF, and WDS site in the regulatory database report. This site is listed as an inactive farm-based facility as of July 9, 2010 and located hydrologically down-gradient relative to the subject property. This facility was issued a *Cease and Desist Order* in 1989 by the RWQCB for excess manure discharged/disposal to land. Additionally, this facility is listed as an active and regulated wastewater discharge site. This site is not included within any petroleum product or hazardous substance release registries. The inclusion of the northern adjacent property within these registration-based listings does not constitute a REC in connection with the subject property. No further investigation or corrective actions are warranted.

Based on the findings, vapor migration is not expected to represent a significant environmental concern at this time.

4.2.4 Sites of Concern Listings

No additional sites of concern are identified in the regulatory database report.

4.2.5 Orphan Listings

The EDR Radius Map Report identifies 10 sites for which a geographic location could not be pinpointed because of insufficient information on the address (Orphan Sites). Based on the site reconnaissance, none of the Orphan Sites appear to be located in the immediate vicinity of the subject property or their location could not be determined by Partner – location not reasonably ascertainable. Therefore, at this time, the Orphan Sites are not considered representative of a REC or significant environmental concern in connection with the subject property. Furthermore, considering the absence of a reported adverse subsurface contaminant source on adjacent or nearby properties, a vapor encroachment condition does not existing in connection with the subject property at this time.

A copy of the regulatory database report is included in Appendix C of this report.

5.0 USER PROVIDED INFORMATION AND INTERVIEWS

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *Brownfields Amendments*), the *User* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The *User* should provide the following information to the *environmental professional*. Failure to provide this information could result in a determination that *all appropriate inquiries* is not complete. The *User* is asked to provide information or knowledge of the following:

- Review Title and Judicial Records for Environmental Liens and AULs
- Specialized Knowledge or Experience of the User
- Actual Knowledge of the User
- Reason for Significantly Lower Purchase Price
- Commonly Known or *Reasonably Ascertainable* information
- Degree of Obviousness
- Reason for Preparation of this Phase I ESA

Fulfillment of these user responsibilities is key to qualification for the identified defenses to CERCLA liability. Partner requested our Client to provide information to satisfy User Responsibilities as identified in Section 6 of the ASTM guidance.

Pursuant to ASTM E1527-13, Partner requested the following site information from CapRock Partners (User of this report).

User Responsibilities

Item	Provided By User	Not Provided By User	Discussed Below	Does Not Apply
Environmental Pre-Survey Questionnaire		**X**		
Title Records, Environmental Liens, and AULs		**X**		
Specialized Knowledge		**X**		
Actual Knowledge		**X**		
Valuation Reduction for Environmental Issues		**X**		
Identification of Key Site Manager	**Section 5.1.3**			
Reason for Performing Phase I ESA	**Section 1.1**			
Prior Environmental Reports		**X**		
Other		**X**		

5.1 Interviews

5.1.1 Interview with Owner

The owners of the subject property are as follows: Archibald/Merrill LLC since 2014 (Parcels A, B, and E); Marchris Corp since 1999 (Parcel C); see Appendix B for Parcel D ownership information. These ownership entities were not available to be interviewed at the time of the assessment.

5.1.2 Interview with Report User

Please refer to Section 5.2 below for information requested from the Report User.

5.1.3 Interview with Key Site Manager

Mr. Glen Tadema, dairy farm operator and key site manager, indicated that he had no information pertaining to any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

According to Mr. Tadema, the northern portion of the subject property was developed in for use as a dairy farm in approximately 1966 and was purchased by him in approximately 2003. He further stated that approximately 1,400 dairy cows are housed on-site which are milked in an operations building located in the northeast corner of the parcels. Mr. Tadema indicated that the milk is stored in a refrigerated tower before it is taken offsite for processing. Mr. Tadema stated that waste generated from these cows is stored in an uncovered pile in the center of the parcels and is reused as fertilizer for the onsite agricultural operation, given to adjacent agricultural operations, or sold to independent companies such as The Home Depot. Mr. Tadema stated that two sump pumps are located on-site which help direct storm water to a large lagoon which is located adjacent to the west of the waste pile. This water is then diverted as needed to the fallow agricultural land or to other areas of the subject property via an underground pipe and valve system. The lagoon is reportedly cleaned out annually. Mr. Tadema also indicated that the agricultural land located on the northern portion of the subject property has not been planted in at least three years, currently contains only rye grass, and that he does not use any pesticides, herbicides, on fungicides. According to Mr. Tadema, three water wells are maintained onsite; two drinking water and one irrigation well. He stated that Chino Basin Watermasters conducts routine testing of this water, but he did not have any of the sampling results. Mr. Tadema further stated that four septic tank systems were located on-site, however he did not know their exact locations. Additionally, Mr. Tadema indicated that the dairy farm operation maintains and utilized petroleum products and hazardous substances such as diesel fuel, motor oil, waste oil, used oil filters, used batteries, animal medical sharps, fly spray, acid cleaner, iodine dips, and bleach. He also indicated that he maintains one diesel fuel and one waste oil AST as well as one diesel powered emergency generator. Mr. Tadema indicated that light maintenance of tractors and equipment takes is performed on-site, however no clarifiers are located at the subject property. Mr. Tadema further stated that there are no USTs, clarifiers, oil/water separators,

groundwater monitoring wells, or additional hazardous substance use/storage/generation on the subject property to the best of his knowledge.

A key site manager and contact information was not provided for the southern agricultural portion of the subject property.

5.1.4 Interviews with Past Owners, Operators and Occupants

Interviews with past owners, operators and occupants were not reasonably ascertainable and thus constitute a data gap.

5.1.5 Interview with Others

As the subject property is not an abandoned property as defined in ASTM 1527-13, interview with others were not performed.

5.2 User Provided Information

5.2.1 Title Records, Environmental Liens, and AULs

At the request of the User, Partner contracted EDR to perform a limited chain of title and environmental lien search for the subject property. At the time of this draft report publication the chain-of-title and environmental lien search was not available for review and inclusion. If not available at the time of final report publication, an addendum will be submitted.

5.2.2 Specialized Knowledge

No specialized knowledge of environmental conditions associated with the subject property was provided by the User at the time of the assessment.

5.2.3 Actual Knowledge of the User

No actual knowledge of any environmental lien or AULs encumbering the subject property or in connection with the subject property was provided by the User at the time of the assessment.

5.2.4 Valuation Reduction for Environmental Issues

No knowledge of valuation reductions associated with the subject property was provided by the User at the time of the assessment.

5.2.5 Commonly Known or Reasonably Ascertainable Information

The User did not provide information that is commonly known or *reasonably ascertainable* within the local community about the subject property at the time of the assessment.

5.2.6 Previous Reports and Other Provided Documentation

No previous reports or other pertinent documentation was provided to Partner for review during the course of this assessment.

6.0 SITE RECONNAISSANCE

The weather at the time of the site visit was overcast. Refer to Section 1.5 for limitations encountered during the field reconnaissance and Sections 2.1 and 2.2 for subject property operations. The table below provides the site assessment details:

Site Assessment Data	
Site Assessment Performed By:	Brianna Menke
Site Assessment Conducted On:	July 21, 2015

The table below provides the subject property personnel interviewed during the field reconnaissance:

Site Visit Personnel for Subject Property			
Name	**Title/Role**	**Contact Number**	**Site Walk* Yes/No**
Mr. Glen Tadema	Key Site Manager	(951) 712-8695	Yes

* Accompanied Partner during the field reconnaissance activities and provided information pertaining to the current operations and maintenance of the subject property

Environmental concerns were identified during the onsite reconnaissance related to signs of a release from onsite ASTs and indications of herbicide use, as further discussed in Sections 6.1 and 6.2.

6.1 General Site Characteristics

6.1.1 Solid Waste Disposal

Solid waste generated on the northern portion of the subject property is disposed of in trashcans located in subject property structures. An independent solid waste disposal contractor removes solid waste from the subject property. According to property personnel, only household trash is collected in the on-site solid waste receptacles. Partner observed various materials storage throughout the northern portion of the subject property and some construction materials and small amounts of debris at the southern portion of the subject property. No additional evidence of illegal dumping of solid waste was observed during the Partner site reconnaissance.

Solid waste is not generated at the southern portion of the subject property.

6.1.2 Sewage Discharge and Disposal

According to Mr. Tedema, sanitary discharges from the subject property are directed to four on-site septic system, as further discussed in Section 6.1.7.

6.1.3 Surface Water Drainage

Storm water is removed from the subject property primarily by infiltration into the ground in permeable ground surface areas. Additionally, on the northern portion of the subject property, two sump pumps as well as natural gradients direct storm water to a large lagoon which is located in the center of the subject property. The water is then diverted as needed to the fallow agricultural land or to other areas of the subject property via an underground pipe and valve system.

On the northern portion of the subject property, the aforementioned lagoon and a portion of the fallow agricultural operation are classified as a freshwater pond and a freshwater emergent wetland, respectively, by the United States Fish & Wildlife Service. At the time of Partner's 2015 Phase I ESA site reconnaissance, the lagoon was dry and no standing water or wetland-like vegetation was observed in the vicinity of the lagoon or adjacent fallow agricultural land – freshwater emergent classified wetland area. (A potential exists that wetland areas were designated by use of aerial photographic review rather that field wetland surveys.) However, a comprehensive wetlands survey would be required in order to formally determine actual wetlands on the subject property.

Partner observed one lagoon, previously discussed, on the northern portion of the subject property. Additionally, along the southern perimeter of the southern portion of the subject property, Partner observed a small channel of standing water which appeared to catch any runoff from irrigation practices.

No additional surface impoundments, wetlands, natural catch basins, settling ponds, or lagoons are located on the subject property. No drywells were identified on the subject property.

6.1.4 Source of Heating and Cooling

Heating and cooling systems as well as domestic hot water equipment for the northern portion of the subject property are fueled by electricity and natural gas provided by Southern California Edison. The mechanical system varies by subject property building. Additionally, the milking-operations building contains a refrigerated milk tank and cool ice machine. Hot water also varies from natural gas fired and electric units in respective subject property buildings.

6.1.5 Wells and Cisterns

Partner observed two wells on the northern portion of the subject property. According to the key site manager, three wells in total are located on the northern portion of the subject property; two of these wells are used for potable drinking water and one is used for irrigation. The key site manager was unaware of the specific installation date. These wells are reportedly routinely sampled by Chino Basin Watermasters (CBW), however the key site contact did not provide any records for review. Partner contacted CBW and requested records concerning the subject property, however as of the date of this report, Partner has not received a response from the CBW for inclusion in this report.

No additional aboveground evidence of wells or cisterns was observed during the site reconnaissance.

6.1.6 Wastewater

Waste water and storm water run-off at the subject property is directed to a large lagoon which is located adjacent to the west of the manure pile through two on-site sump pumps and natural gradients. The storm water/waste water is then conveyed throughout the subject property to agricultural land areas via an underground pipe and valve system

Domestic wastewater generated on the northern portion of the subject property is disposed by means of the septic system. No industrial process is currently performed at the subject property.

6.1.7 Septic Systems

According to the key site manager, a total of four septic systems (assumed with leach fields) are located on the northern portion of the subject property. Additionally, these systems are reportedly only used for sanitary discharges. No equipment cleaning, parts washing, or other activities of concern reportedly discharge to the septic tanks. The key site manager indicated that one septic system was located in the front yard area of the central single-family residence (specific location not specified), and was not aware of the specific location of the remaining septic systems. The key site manager also indicated that, with the exception of the centrally located septic tank, none of the remaining tanks had been pumped to the best of his knowledge. Partner did not observe evidence of these septic tank systems.

6.1.8 Additional Site Observations

Partner observed the presence of approximately three dead calves at the northern entrance to the subject property. According to the key site manager, these carcasses were awaiting pick up to be disposed of off-site. Additionally, Partner observed a pile of fill dirt at the northern portion of the subject property. According to the key site manager, this is used as needed for various activities throughout the dairy farm operation. No environmentally suspect odors, staining of soil, or debris was observed within this soil pile.

6.2 Potential Environmental Hazards

6.2.1 Hazardous Substances and Petroleum Products Used or Stored at the Site

Partner identified hazardous substances used, stored, and/or generated on the subject property as noted in the following table:

Hazardous Substances and/or Petroleum Products Noted Onsite

Substance	Container Size	Location	Nature of Use	Disposal Method
Acid Cleaner	2x 55-gallon drums	Milking-operations building	On-site activities	Consumed/used on-site
Bleach	2x 55-gallon drums	Milking-operations building	On-site activities	Consumed/used on-site
Iodine Dips	Various	Milking-operations building	On-site activities	Regular solid waste disposal
Fly Spray	Various	Milking-operations building	On-site activities	Consumed/used on-site
Veterinary Medical Sharps	Various	Milking-operations building	On-site activities	Regular solid waste disposal
Used Batteries	Approximately 4	Maintenance building	On-site activities	Unknown
Oil/Motor Oil	Various 5-gallon containers and	Maintenance building	On-site activities	N/A

Hazardous Substances and/or Petroleum Products Noted Onsite				
Substance	**Container Size**	**Location**	**Nature of Use**	**Disposal Method**
	AST			
Waste Oil	55-gallon drums and various containers	Maintenance building	On-site activities	Reportedly taken off-site by Alexis Oil Company
Used Oil Filters	55-gallon drums and various containers	Maintenance building	On-site activities	Reportedly taken off-site by Alexis Oil Company
Diesel Fuel	AST and emergency generator	Outside storage building and milking operations building	On-site activities	Consumed/used on-site
Prefar 4-E Selective Herbicide	Numerous empty 2.5 gallon containers	Adjacent to irrigations piping in northeast corner of southern portion of subject property	Unknown, assumed herbicide for agricultural operations	Consumed/used on-site
Animal Waste and Manure	Large stockpile	Center of northern portion of subject property	Animal waste	Spread on existing agricultural land, given to adjacent agricultural operations, sold to third party vendors

The materials in the milking-operations building were found to be labeled and stored at the time of the assessment with no signs of leaks, stains, or spills. Secondary containment is provided in some cases. Based on the nature of use, the location of these materials in an enclosed structure, and the lack of any documented release on file with the RWQCB, these materials are not expected to represent a significant environmental concern.

Select petroleum product containing containers (such as 55-gallon drums) in and near the maintenance building were not labeled, had no secondary containment, and localized petroleum-like staining of the concrete beneath the containers was observed. Considering the localized petroleum-like staining on the concrete pad area and that no significant cracking or migration pathways were observed, this condition is considered representative of a *de minimis* environmental condition in connect with the subject property.

The diesel fuel AST and emergency generator are further discussed in Section 6.2.2.

Partner was unable to obtain additional information regarding the nature of the Prefar 4-E Selective Herbicide containers located around the irrigation piping on the southern portion of the subject property. Based on the location of these containers, it can be assumed that this material is added to the irrigation system used on the agricultural operation at the southern portion of the subject property. As such, it is

possible that the water source and surrounding soil contains contaminants as a result. This potential contamination represents a recognized environmental condition.

6.2.2 Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)

Partner observed two aboveground storage tanks (AST) for the storage of diesel fuel on the subject property. One AST is an unspecified capacity diesel AST (likely about 50-gallons) associated with the emergency backup power generator. No AST leakage or staining of the concrete ground surface was observed in the vicinity of the emergency back-up power generator AST. The second AST is elevated and located on the northern portion of the subject property outside the northern exterior of the storage building. According to the key site manager, this AST has a capacity of approximately 900 gallons, is utilized for fueling dairy farm tractors and trucks, and is refilled approximately every two weeks; he was not aware of the specific installation date. Based on the patina of the steel and construction, this AST is estimated to have been constructed pre-1980s, and no secondary containment is provided. The area underneath the AST was only partially paved, and dark petroleum-like staining was observed.

Partner observed an additional AST for the storage of oil outside the maintenance building. The key site manager was unaware of the capacity or installation date of this AST. However, based on the patina of the steel and construction, this AST is estimated to have been constructed pre-1980s, and no secondary containment is provided. The area underneath the AST was earthen, and dark petroleum-like staining was observed.

Based on the presence of dark petroleum-like stained soil in the vicinity of the ASTs, this condition is indicative of a recognized environmental condition in connection with the subject property.

Additionally, Partner observed one diesel powered emergency power generator located outside the milking operations building at the subject property. The key site manager was unaware of the fuel storage capacity or installation date of this equipment. The generator is located on a concrete pad, no staining, leaks or spills were noted in the vicinity, and no releases have been reported to the RWQCB. As such, the presence of this emergency generator is not expected to represent a significant environmental concern.

Partner also observed several non-regulated process-line ASTs for the storage of various dairy products such as milk and whey. Based on the nature of the materials stored, these ASTs are not expected to represent a significant environmental concern.

6.2.3 Evidence of Releases

Partner observed staining around the 55-gallon drums of oil, waste oil, and used oil filters discussed in Section 6.2.1. Additionally, Partner observed stained soil in the vicinity of the diesel AST and oil AST discussed in Section 6.2.2.

No additional spills, stains or other indications that a surficial release has occurred at the subject property were observed.

6.2.4 Polychlorinated Biphenyls (PCBs)

Older transformers and other electrical equipment could contain PCBs at a level that subjects them to regulation by the U.S. EPA. PCBs in electrical equipment are controlled by United States Environmental Protection Agency regulations 40 CFR, Part 761. Under the regulations, there are three categories into which electrical equipment can be classified: 1) Less than 50 parts per million (ppm) of PCBs – "*Non-PCB;*" 2) 50 ppm-500 ppm – "*PCB-Contaminated;*" and, 3) Greater than 500 ppm – "*PCB-Containing.*" The manufacture, process, or distribution in commerce or use of any PCB in any manner other than in a totally enclosed manner was prohibited after January 1, 1977.

The on-site reconnaissance addressed indoor and outdoor transformers that may contain PCBs. Two pad-mounted transformers and several pole-mounted transformers were observed on the subject property. The transformers are not labeled indicating PCB content. No staining or leakage was observed in the vicinity of the transformers. Based on the good condition of the equipment, the transformers are not expected to represent a significant environmental concern.

Additionally, no other potential PCB-containing equipment (interior transformers, oil-filled switches, hoists, lifts, dock levelers, hydraulic elevators, balers, etc.) was observed on the subject property during Partner's reconnaissance.

6.2.5 Strong, Pungent or Noxious Odors

No strong, pungent or noxious odors, other than those typically associated with a dairy farm operation, were evident during the site reconnaissance.

6.2.6 Pools of Liquid

No pools of liquid other than those discussed in Section 6.1.3 were observed on the subject property during the site reconnaissance.

6.2.7 Drains, Sumps and Clarifiers

Partner observed the following drains, sumps, and/or clarifiers located on the subject property:

Drains, Sumps, and Clarifiers Observed On-site

	Floor Drain(s)	Sump(s)	Clarifier(s)
Number Observed:	Several	Two	None
Location:	Milking-Operations Building	Dairy Farm Operation	N/A
Point of Discharge:	Unknown, likely to day light and the ground surface	Lagoon	N/A
Sealed/Bermed:	No	No	N/A

As previously discussed, the two sump pumps and natural gradients direct storm water to a large lagoon which is located in the center of the subject property. Any animal waste or other solids caught in the sump grates are used to fertilize on-site agricultural land. The water from the lagoon is then diverted as needed to the fallow agricultural land or to other areas of the subject property via an underground pipe

and valve system. The key site manager was unaware of the installation date of these sumps. No hazardous substances or petroleum products were observed in the vicinity of the sump pumps. As such, their presence is not expected to represent a significant environmental concern.

Partner observed several drains in the milking operations building. The key site manager was unaware of their discharge point, but as there is no sewage system present, it is likely that they discharge directly to the surface or are redirected towards the fallow agricultural land and other areas of the subject property.

6.2.8 Pits, Ponds and Lagoons

As previously discussed, one lagoon was observed in the center of the subject property.

No additional pits, ponds or lagoons were observed on the subject property.

6.2.9 Stressed Vegetation

No stressed vegetation was observed on the subject property.

6.2.10 Additional Potential Environmental Hazards

No additional environmental hazards, including landfill activities or radiological hazards, were observed.

6.3 Non-ASTM Services

6.3.1 Asbestos-Containing Materials (ACMs)

Asbestos is the name given to a number of naturally occurring, fibrous silicate minerals mined for their useful properties such as thermal insulation, chemical and thermal stability, and high tensile strength. The Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 requires certain construction materials to be *presumed* to contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building constructed prior to 1981 and have not been appropriately tested are "presumed asbestos-containing material" (PACM).

The majority of the subject property buildings were constructed in beginning in 1966. Partner has conducted a limited, visual evaluation of accessible areas for the presence of suspect ACMs at the subject property. The objective of this visual survey was to note the presence and condition of suspect ACM observed. It should be noted that Partner was not granted access to the storage building or the single-family residences on-site. Please refer to the table below for identified suspect ACMs:

Suspect ACMs

Suspect ACM	Location	Friable Yes/No	Physical Condition
Wallboard Systems (such as drywall or plaster)	Assumed Throughout Building Interior	No	Good
Flooring Systems	Assumed Throughout Building Interior	No	Good
Mastic/Sealant Systems	Assumed Throughout Building Interior	No	Good
Roofing Systems	Exterior	No	Good

Suspect ACMs			
Suspect ACM	**Location**	**Friable Yes/No**	**Physical Condition**
Stucco	Exterior	No	Good

The limited visual survey consisted of noting observable materials (materials which were readily accessible and visible during the course of the site reconnaissance) that are commonly known to potentially contain asbestos. This activity was not designed to discover all sources of suspect ACM, PACM, or asbestos at the site; or to comply with any regulations and/or laws relative to planned disturbance of building materials such as renovation or demolition, or any other regulatory purpose. Rather, it is intended to give the User an indication if significant (significant due to quantity, accessibility, or condition) potential sources of ACM or PACM are present at the subject property. Additional sampling, assessment, and evaluation will be warranted for any other use.

Partner was not provided building plans or specifications for review, which may have been useful in determining areas likely to have used ACM.

According to the US EPA, ACM and PACM that is intact and in good condition can, in general, be managed safely in-place under an Operations and Maintenance (O&M) Program until removal is dictated by renovation, demolition, or deteriorating material condition. Prior to any disturbance of the construction materials within this facility, a comprehensive ACM survey is recommended.

6.3.2 Lead-Based Paint (LBP)

Lead is a highly toxic metal that affects virtually every system of the body. LBP is defined as any paint, varnish, stain, or other applied coating that has 1 mg/cm^2 (or 5,000 ug/g or 0.5% by weight) or more of lead. Congress passed the Residential Lead-Based Paint Hazard Reduction Act of 1992, also known as "Title X", to protect families from exposure to lead from paint, dust, and soil. Under Section 1017 of Title X, intact LBP on most walls and ceilings is not considered a "hazard," although the condition of the paint should be monitored and maintained to ensure that it does not become deteriorated. Further, Section 1018 of this law directed the Housing and Urban Development (HUD) and the US EPA to require the disclosure of known information on LBP and LBP hazards before the sale or lease of most housing built before 1978.

Based on the age of the majority of the subject property buildings, (pre-1978), there is a potential that LBP is present. Interior and exterior painted surfaces were observed in good condition and therefore not expected to represent a "hazard," although the condition of the paint should be monitored and maintained to ensure that it does not become deteriorated.

Actual material samples would need to be collected in order to determine if LBP is present.

6.3.3 Radon

Radon is a colorless, odorless, naturally occurring, radioactive, inert, gaseous element formed by radioactive decay of radium (Ra) atoms. The US EPA has prepared a map to assist National, State, and

local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, according to the table below:

EPA Radon Zones		
EPA Zones	**Average Predicted Radon Levels**	**Potential**
Zone 1	Exceed 4.0 pCi/L	Highest
Zone 2	Between 2.0 and 4.0 pCi/L	Moderate
Zone 3	Less than 2.0 pCi/L	Low

It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the US EPA recommends site-specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Radon sampling was not conducted as part of this assessment. Review of the US EPA Map of Radon Zones places the subject property in Zone 2. Based upon the radon zone classification, radon is not considered to be a significant environmental concern.

6.3.4 Lead in Drinking Water

According to available information, the subject property is serviced by three on-site water wells. According to the key site manager, Chino Basin Watermasters is responsible for monitoring the water quality of these wells. The key site contact did not provide any monitoring or sampling records for review. Partner contacted CBW and requested records concerning the subject property, however as of the date of this report, Partner has not received a response from the CBW for inclusion in this report. Water sampling was not conducted to verify water quality.

6.3.5 Mold

Molds are microscopic organisms found virtually everywhere, indoors and outdoors. Mold will grow and multiply under the right conditions, needing only sufficient moisture (e.g.in the form of very high humidity, condensation, or water from a leaking pipe, etc.) and organic material (e.g., ceiling tile, drywall, paper, or natural fiber carpet padding).

Partner observed accessible, interior areas for the subject property buildings for significant evidence of mold growth with the exceptions detailed in Section 1.5 of this report; however, this ESA should not be used as a mold survey or inspection. Additionally, this limited assessment was not designed to assess all areas of potential mold growth that may be affected by mold growth on the subject property. Rather, it is intended to give the client an indication as to whether or not conspicuous (based on observed areas) mold growth is present at the subject property. This evaluation did not include a review of pipe chases, mechanical systems, or areas behind enclosed walls and ceilings.

No obvious indications of water damage or mold growth were observed during Partner's visual assessment.

6.4 Adjacent Property Reconnaissance

The adjacent property reconnaissance consisted of observing the adjacent properties from the subject property premises.

6.4.1 Additional Potential Environmental Hazards

Signage for a high pressure gas pipeline was observed in the southwest corner of the subject property. No staining or leaking was observed in the vicinity, and Southern California Gas is reportedly responsible for the maintenance of this equipment. As such, its presence is not expected to represent a significant environmental concern.

7.0 FINDINGS AND CONCLUSIONS

Findings

A *recognized environmental condition (REC)* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment. The following was identified during the course of this assessment:

- Three aboveground storage tanks (AST) – one 900-gallon diesel AST, one unspecified capacity oil AST (less than 100-gallons) and one emergency power generator diesel AST (about 50-gallons) - are present on the subject property. All three ASTs are located in the northeastern portion of subject property near separate support buildings and features. Dark petroleum-like staining of the earthen ground surface was observed in the vicinity of both the 900-gallon diesel AST and oil AST. The associated ASTs have been in-service since at least the 1980s. There is a lack of qualitative soil and/or groundwater data relative to the observed surface release of petroleum product, and the horizontal and vertical extent of petroleum affected soil and/or groundwater is unknown. The presence of a surface release of petroleum product beneath and in the vicinity of the 900-gallon diesel AST and oil AST in the northeast corner of the subject property is identified as a REC in connection with the subject property.
- The subject property has been developed as agricultural land from as early as 1938 until present day. Farm-based operations with the use, storage, management of bulk quantities of agricultural related chemicals such as herbicides and fertilizers, (and likely pesticides) has been associated with the subject property for over 75-years. There is a lack of qualitative soil and/or groundwater data associated with current/former farming operations. According to the key site manager, herbicides, pesticides and manufactured fertilizers are not used on the northern portion of the subject property. During the July 2015 Phase I ESA site reconnaissance, Partner observed numerous empty and discarded containers of Prefar 4-E Selective Herbicide located on the ground near irrigation piping along the east central subject property boundary. Based on the location of these discarded containers and known typical application processes, it is assumed that agricultural chemicals are added to and conveyed through the irrigation system onto the agricultural cropland which extends across the southern portion of the subject property. Due to the presence of agricultural croplands on the southern portion of the subject property for over 75-years with the likely use and application of agricultural chemicals during a time period when related material management and handling operations were unregulated (pre 1970s), Partner cannot eliminate the potential for an undocumented release of such agricultural chemicals to have adversely impacted the soil and/or groundwater of subject property – specifically in areas subject to mixing and bulk storage. This condition is representative of a REC in connection with the subject property.
- According to the site representative, four private septic systems with likely associated leach fields service the subject property. Partner identified the location of one of the four septic systems

during site reconnaissance activities. The locations of the remaining three septic systems are unknown. Petroleum products and hazardous substances have been utilized and associated with the farming operations on the subject property for over 75-years - during a time period when related material management and handling operations were unregulated (pre 1970s), Partner cannot eliminate the potential for petroleum products and hazardous substances to have become displaced into the septic system (directory or indirectly) which may have adversely impacted the soil and/or groundwater of subject property – specifically in mechanical and equipment maintenance areas located in the northeast portion of the subject property. This condition is representative of a REC in connection with the subject property.

A *controlled recognized environmental condition (CREC)* refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The following was identified during the course of this assessment:

- Partner did not identify any controlled recognized environmental conditions during the course of this assessment.

A *historical recognized environmental condition (HREC)* refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. The following was identified during the course of this assessment:

- Partner did not identify any historical recognized environmental conditions during the course of this assessment.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion. The following was identified during the course of this assessment:

- One irrigation water well and two potable drinking water wells are located on the subject property. The water wells are situated in the east central and northeastern portions of the subject property, respectively. No information was reasonably ascertainable at the time of report publication relative to the well construction and water quality associated with these wells. Considering the unknown well construction details (such as depth to water and well casing sealing depths), that two of the potable water wells are in-service with water used for consumptive purposes in conjunction with the current/former use of agricultural chemicals, and the current/former land spreading of liquid manure across the subject property which may have adversely impacted water quality, these conditions are collectively indicative of an environmental issue (relative to human consumption of water from the on-site potable water supply) in connection with the subject property.

- According to review of the U. S. Fish & Wildlife Service National Wetlands Inventor (on-line Wetlands Mapper) a portion of the fallow agricultural land in the northeastern portion of the subject property is designated as a freshwater emergent classified wetland area. The lagoon is identified as a freshwater pond (non-wetland classification). At the time of Partner's 2015 Phase I ESA site reconnaissance, the lagoon was dry and no standing water or wetland-like vegetation was observed on or the vicinity of the northeastern fallow agricultural land – freshwater emergent classified wetland area. A comprehensive wetlands survey would be required in order to formally determine the presence or absence of wetlands on the subject property.
- Due to the age of the majority of the subject property buildings, there is a potential that asbestos-containing material (ACM) and/or lead-based paint (LBP) are present. Overall, all suspect ACMs and painted surfaces were observed in good condition and do not pose an immediate health and safety concern to the occupants of the subject property at this time. Prior to any renovation or demolition activities, the identified suspect ACMs and LBP would need to be sampled to confirm the presence or absence of asbestos and/or lead in order to prevent potential exposure to workers and/or building occupants.
- Records obtained from the Regional Water Quality Control Board (RWQCB) indicate that in 1986 the amount of manure generated and land spread on the subject property exceeded the regulated discharge thresholds permitted for the subject property. As a result a *Cease and Desist Order* (Order No. 87-129) was issued in October 1987. The Order prohibited any further discharges of manure onto disposal land until October 1, 1995 or until such time as the waste discharge requirements for this facility were updated. In response, Mr. Enos Mello (owner of the dairy farm at the time) submitted a mitigation plan indicating that all manure generated at the facility would be hauled away and not disposed of on-site until the previously mentioned requirements had been met. On April 14, 1995, the RWQCB issued a letter rescinding the previous waste discharge requirements for the site (Order 72-D153) and granted the authorization to again discharge waste onsite via Order 94-7, discharge authorization number 94-7-101. The exiting dairy farm facility and its operations appear to be in compliance with current regulatory reporting requirements. No open notice of violations or cease and desist orders are on record. Based on the resolution of this matter and the subsequent compliance with operations, management, and reporting requirements, this incident is not expected to represent a significant environmental concern.
- A second *Cease and Desist Order No. 99-65* was issued to the dairy farm facility on August 20, 1999 and amended to Order No. 01-74 in 2001. This Order directed the facility to submit a draft Engineered Waste Management Plan (EWMP) by June 1, 2002. A final EWMP was submitted and approved by the RWQCB on April 17, 2003. On September 17, 2003 registered professional engineer certified and confirmed that the EWMP for this facility was fully being implemented. The exiting dairy farm facility and its operations appear to be in compliance with current regulatory reporting requirements. No open notice of violations or cease and desist orders are on record. Based on the resolution of this matter and the subsequent compliance with operations,

management, and reporting requirements, this incident is not expected to represent a significant environmental concern.

- Partner noted the presence of several 55-gallon drums located outside the maintenance building on the northern portion of the subject property. The drums were not labeled indicating content (petroleum product) and were not situated within secondary spill containment. The petroleum waste is collected by Alexis Oil Company, a third party vendor, on an as-needed basis. Localized petroleum-like staining of the concrete beneath the drums were observed. Considering the localized petroleum-like staining on the concrete pad area and that no significant cracking or migration pathways were observed, this condition is considered representative of a *de minimis* environmental condition in connect with the subject property.

Conclusions, Opinions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of Assessor Property Numbers (APNs): 0128-311-02-000; 0128-211-03-000; 0128-311-07-000; 0128-311-08-000; and 0128-311-10-000 in the City of Ontario, San Bernardino County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed evidence of recognized environmental conditions and environmental issues in connection with the subject property. Based on the conclusions of this assessment, Partner recommends the following:

- A limited subsurface investigation is recommended to be conducted to further evaluate the soil and/or groundwater quality conditions with respect to the following:

    4. Select petroleum-like stained ground surface areas in the vicinity of the 900-gallon diesel AST and oil AST which are located in the northeast portion of the subject property
    5. Select areas in the vicinity of the east central irrigation well-head where mixing and storage of agricultural chemicals is suspected and where discarded herbicide containers were observed.
    6. Select areas in the vicinity of the septic system which services the northeastern structures and maintenance areas were petroleum products and hazardous substances currently/formerly have been used, stored, and managed.

- Water quality testing inclusive of agricultural related chemicals, fecal coliform, nitrates, etc. is recommended for the two potable water well systems on the subject property. In the event of a change in land-use or development resulting in an out-of-service condition, the water wells are recommended to be property abandoned in accordance with applicable local and state requirements.

- Unlabeled drums and containers containing product are recommended to be characterized and labeled and managed in accordance with applicable local, state and federal regulations.
- Petroleum product, non-hazardous liquid substances and hazardous substance containing containers are recommended to be stored within or upon appropriate secondary containment systems.
- Regulated petroleum products, non-hazardous and/or hazardous substances (such as batteries, oil drums, ASTs, aerosols, etc.) are recommended to be stored, managed, and disposed of in accordance with applicable local, state and federal regulations. In the event of a change in land-use or development, special waste management or recycling protocols associated with these materials may be applicable and additional material management costs may be incurred.
- An Operations and Maintenance (O&M) Program is recommended to implemented in order to safely manage the suspect ACMs and LBP located at the subject property. In the event of a change in land-use or development (inclusive of demolition of structures), a comprehensive ACM and LBP survey is recommended to facilitate the proper management and disposal of demolition debris.
- In the event of a change in land-use or development, a comprehensive wetland survey is recommended to determine the physical presence or absence of delineated wetlands.
- In the event of a change in land-use or development, manure piles, solid and liquid wastes of the lagoon, and the near surface soils and lining of the lagoon may be subject to special waste management or recycling protocols and additional material cost may be incurred.
- In the event of a change in land-use or development associated with an end-use being an environmentally sensitive receptor (an occupant or facility such as residence, child care, elderly car, school, hospital, etc.), the associated agricultural land and livestock yard areas may represent an environmental concern due to the former agricultural chemical applications and manure affected near surface soils (nitrate/phosphate loading). Additional subsurface investigation may be warranted to specifically address the planned use or redevelopment considerations associated with the subject property.

8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Partner has performed a Phase I Environmental Site Assessment of the property located at APNs 0128-311-02-000; 0128-211-03-000; 0128-311-07-000; 0128-311-08-000; and 0128-311-10-000 in the City of Ontario, San Bernardino County, California in general conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

By signing below, Partner declares that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR §312. Partner has the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. Partner has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By:

DRAFT

Brianna Menke
Environmental Scientist

Reviewed By:

DRAFT

Trevor Hornbacher
Senior Author

9.0 REFERENCES

Reference Documents

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E1527-13.

Environmental Data Resources (EDR), Radius Report, July 2015

Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via internet, July 2015

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United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, accessed via the internet, July 2015

United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the internet, July 2015

United States Geological Survey, accessed via the Internet, July 2015

United States Geological Survey Topographic Map 1967, 7.5 minute series, accessed via internet, July 2015

FIGURES

1 SITE LOCATION MAP

2 GENERAL LAND USE

3 SITE PLAN

4 TOPOGRAPHIC MAP

PARTNER

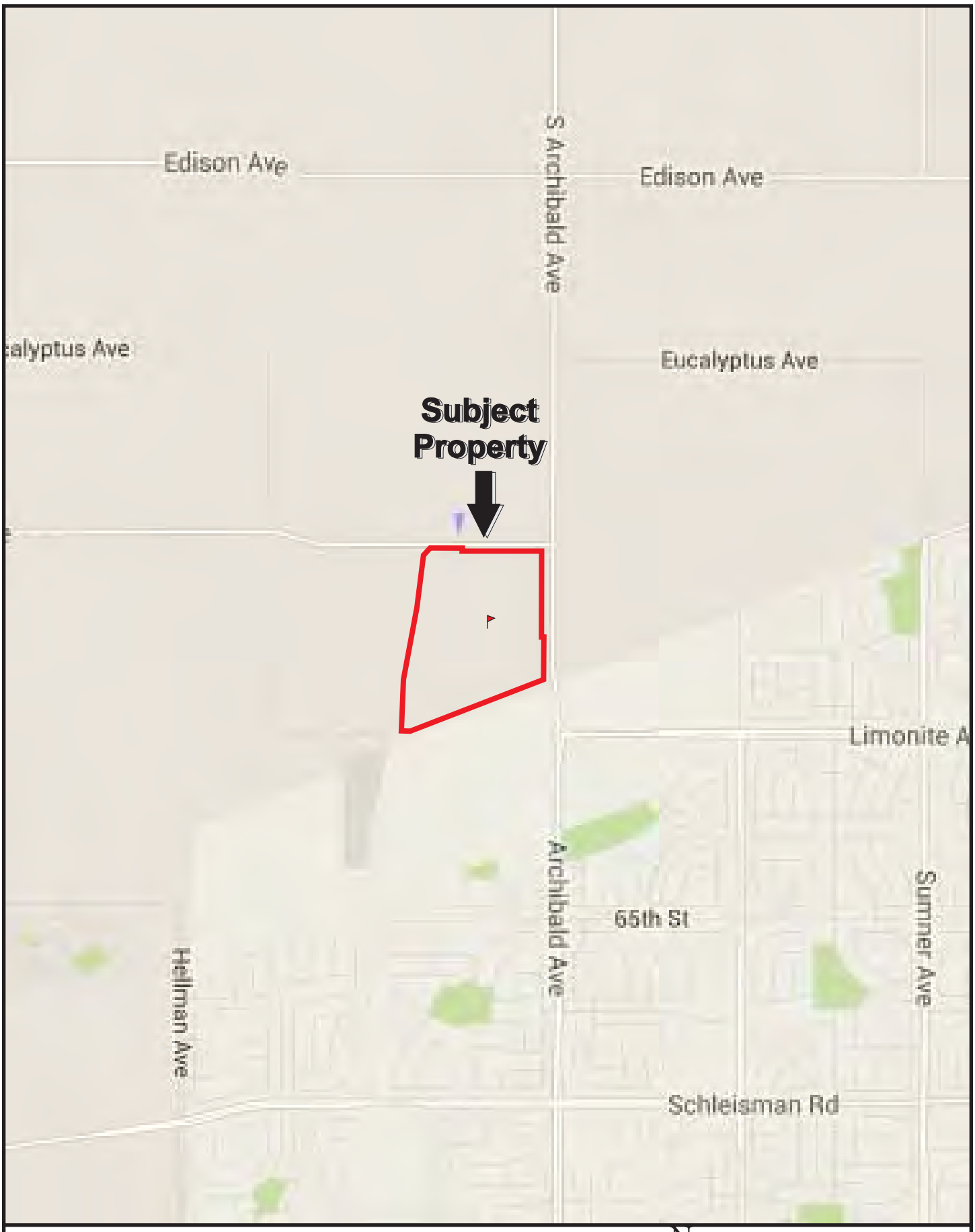

FIGURE 1: SITE LOCATION MAP
Project No. 15-143791.1

Drawing Not To Scale

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PARTNER

KEY: Subject Site Transformer T

GROUNDWATER FLOW

FIGURE 3: SITE PLAN

Project No. 15-143791.1

Drawing Not To Scale

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PARTNER

KEY: Subject Site

GROUNDWATER FLOW

FIGURE 2: General Land Use Map

Project No. 15-143791.1

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USGS 7.5 Minute *Corona North, California* Quadrangle Created: 1967

FIGURE 4: TOPOGRAPHIC MAP

Project No. 15-143791.1

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APPENDIX A: SITE PHOTOGRAPHS

PARTNER

1. View of subject property maintenance building.

2. View of subject property storage building.

3. View of one of three single-family residences located at subject property.

4. View of the second of three single-family residences at subject property.

5. View of milking-operations building at subject property.

6. View of the third of three single-family residences at subject property.

7. View of metal hay and grain storage structure at subject property.

8. View of sump pump at subject property.

9. View of dry lagoon located at subject property.

10. Additional view of dry lagoon located at subject property.

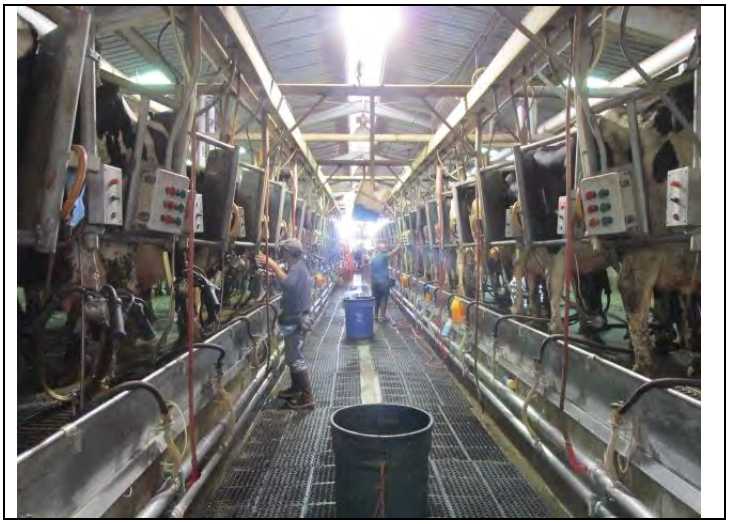
11. View of animal waste (manure) staged at subject property.

12. View of fill dirt located at subject property.

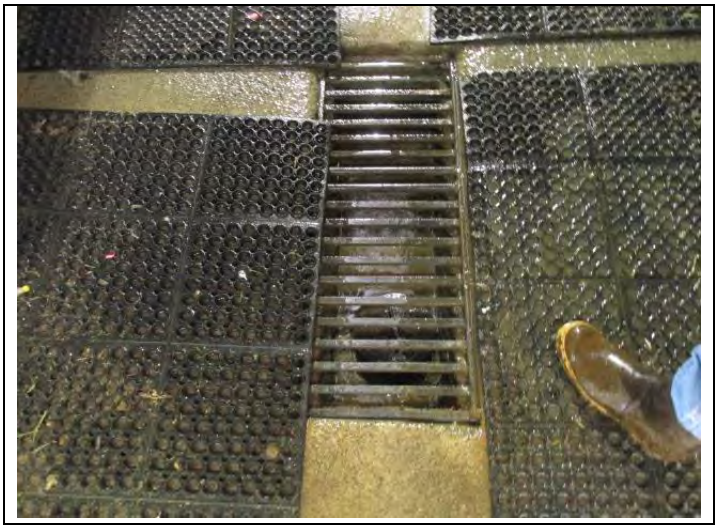
13. View of fallow agricultural land located at northern portion of subject property.

14. Additional view of fallow agricultural land at northern portion of subject property.

15. View of valve irrigation system at northern portion of subject property.



16. View of interior of milking-operations building at subject property.



17. View of floor drain in milking-operations building at subject property. Discharge location unknown. No hazardous substances or petroleum products in area.

18. View of acid cleaner and chlorine used in milking-operations building at subject property.

19. View of veterinary supplies room in milking-operations building at subject property.

20. View of diesel-powered emergency generator and associated AST (size about 50-gallons) located outside milking-operations building at subject property. No AST leakage or staining of concrete observed.

21. View of water well system at subject property.

22. View of whey tanks at subject property.

23. View of diesel AST with staining underneath at subject property.

24. View of interior of portion of maintenance building.

25. View of additional portion of interior of maintenance building.

26. View of used batteries in maintenance building.

27. View of small AST (less than 100-gallons) containing oil with stained soil surrounding.

28. View of drums containing waste oil and used oil filters outside maintenance building.

29. View of pole-mounted transformers located at subject property.

30. View of pad-mounted transformer located on southern portion of subject property.

31. View agricultural land at southern portion of subject property.

32. Additional view of agricultural land at southern portion of subject property.

33. View of presumed irrigation equipment at southern portion of subject property.

34. View of irrigation lines at southern portion of subject property.

35. View of empty containers of herbicide surrounding irrigations lines at subject property.

36. View of water channel located at southern portion of agricultural land on southern portion of subject property.

37. View materials storage at southern portion of subject property.

38. View of northern adjacent agricultural land.

39. View of southern adjacent dairy farm.

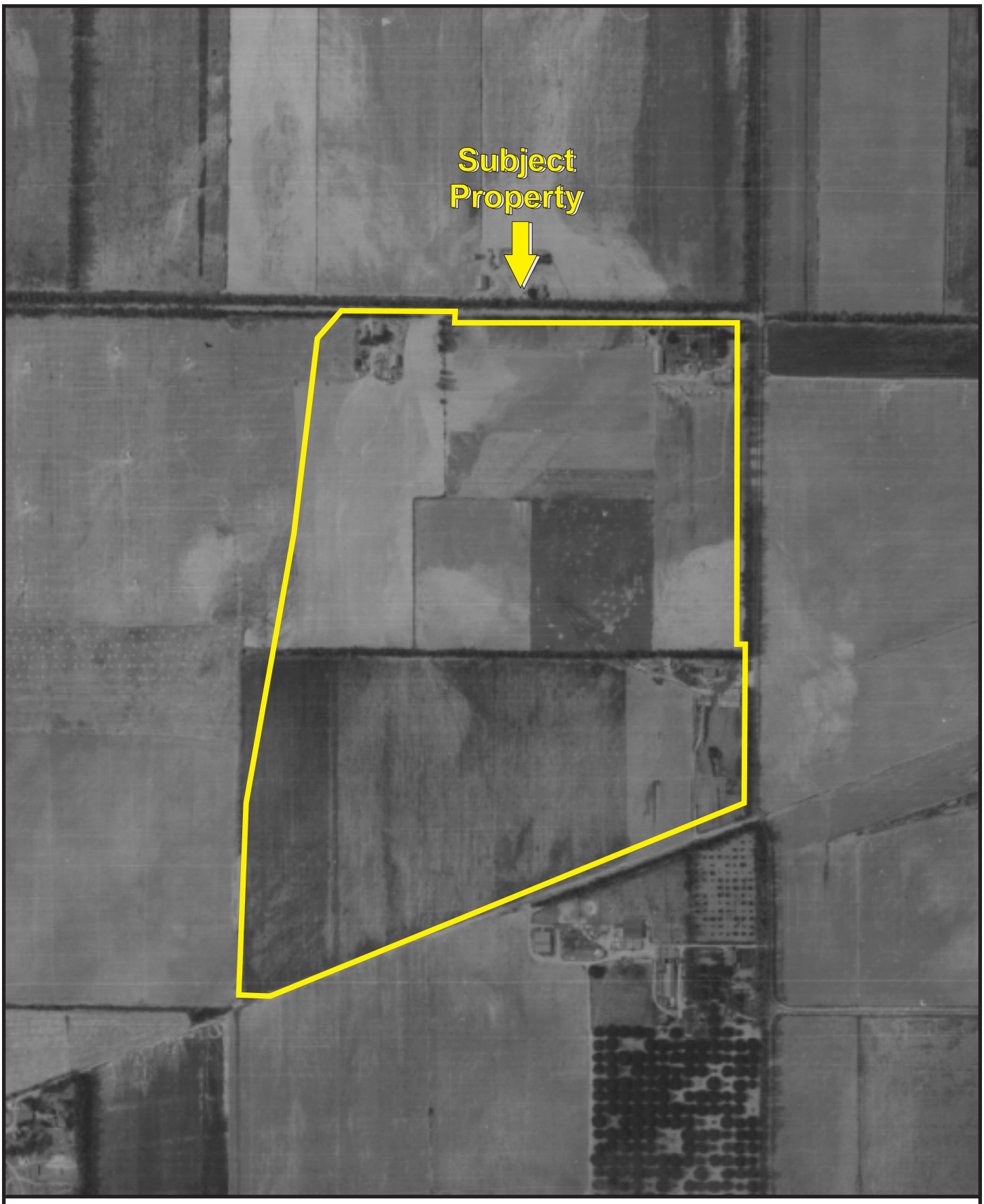
40. View of eastern adjacent single-family residences.

41. View of western adjacent Cucamonga Drainage Canal with dairy farm operation beyond.

42. View of adjacent high pressure gas line.

APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION

PARTNER



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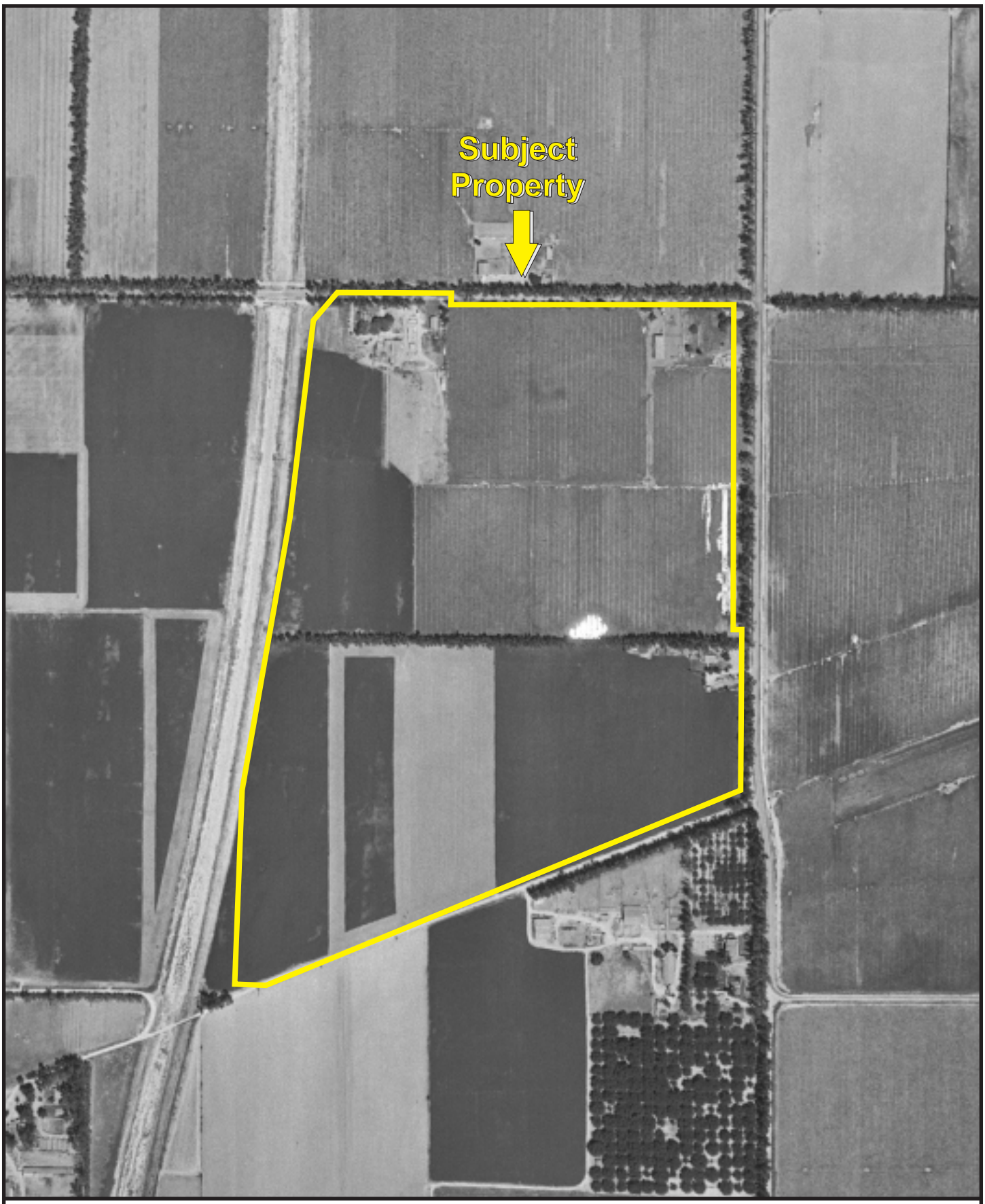

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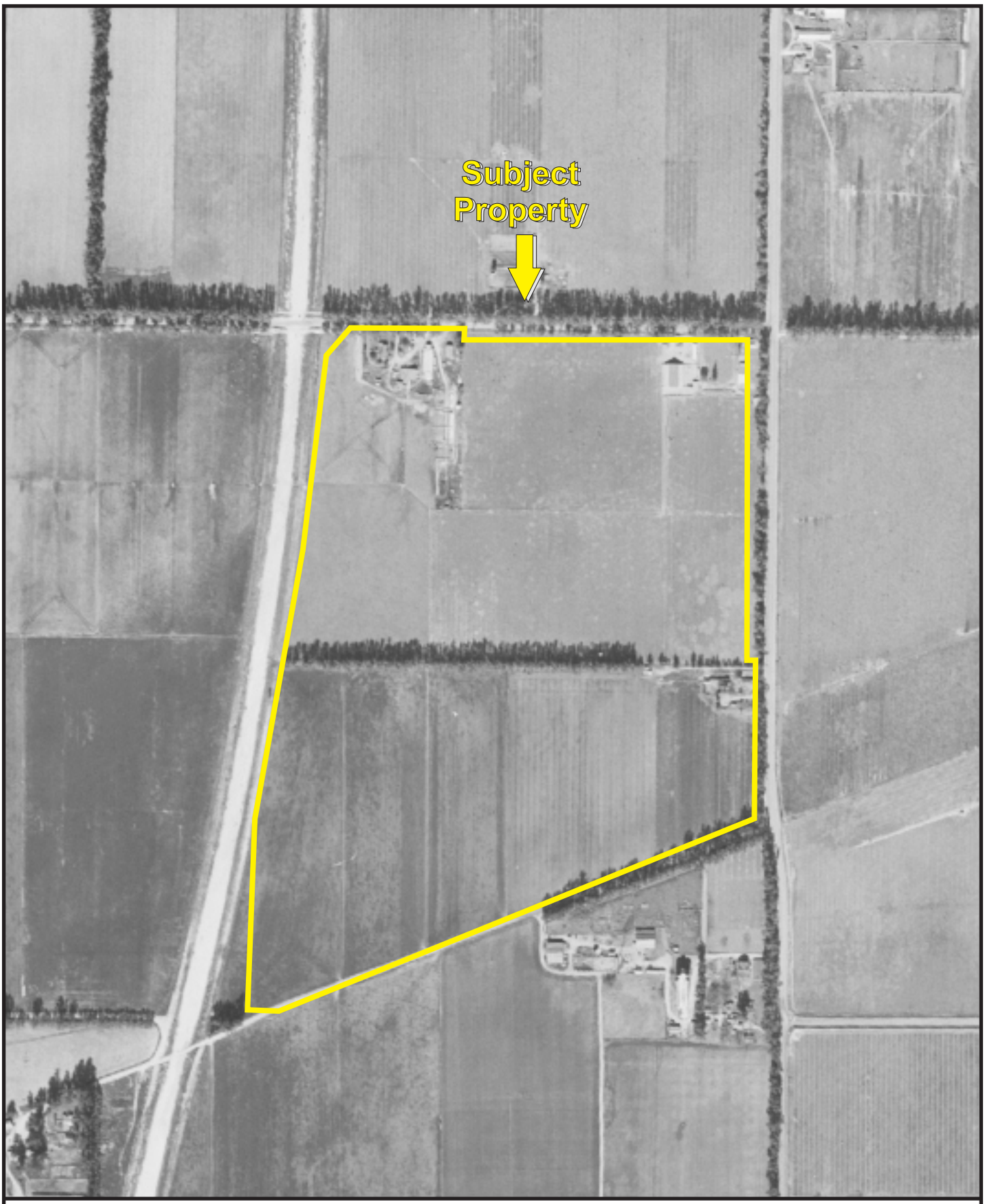

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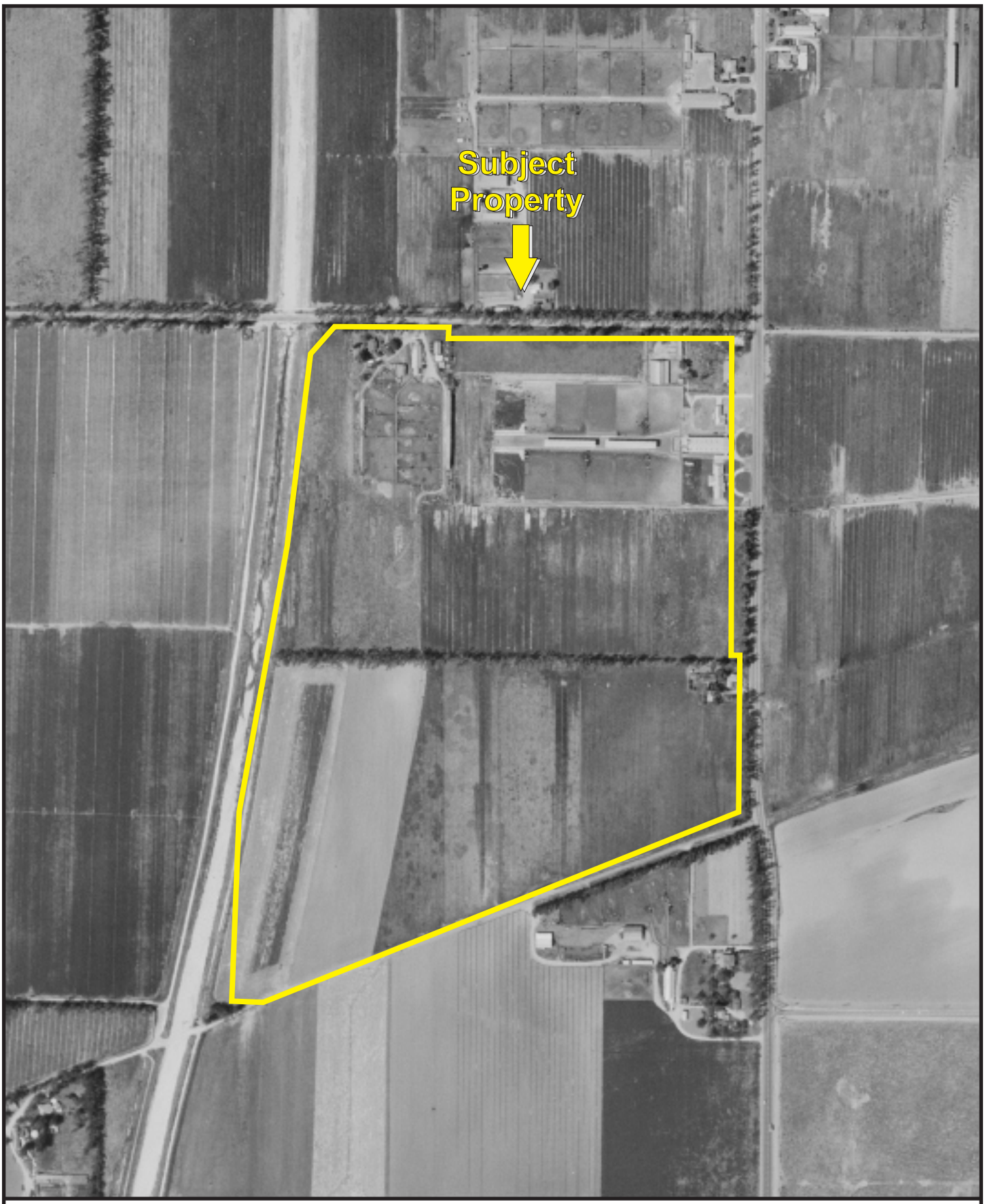


Date: 1967

Date: 1975

APPENDIX B: AERIAL PHOTOGRAPHS

Project No. 15-143791.1

PARTNER

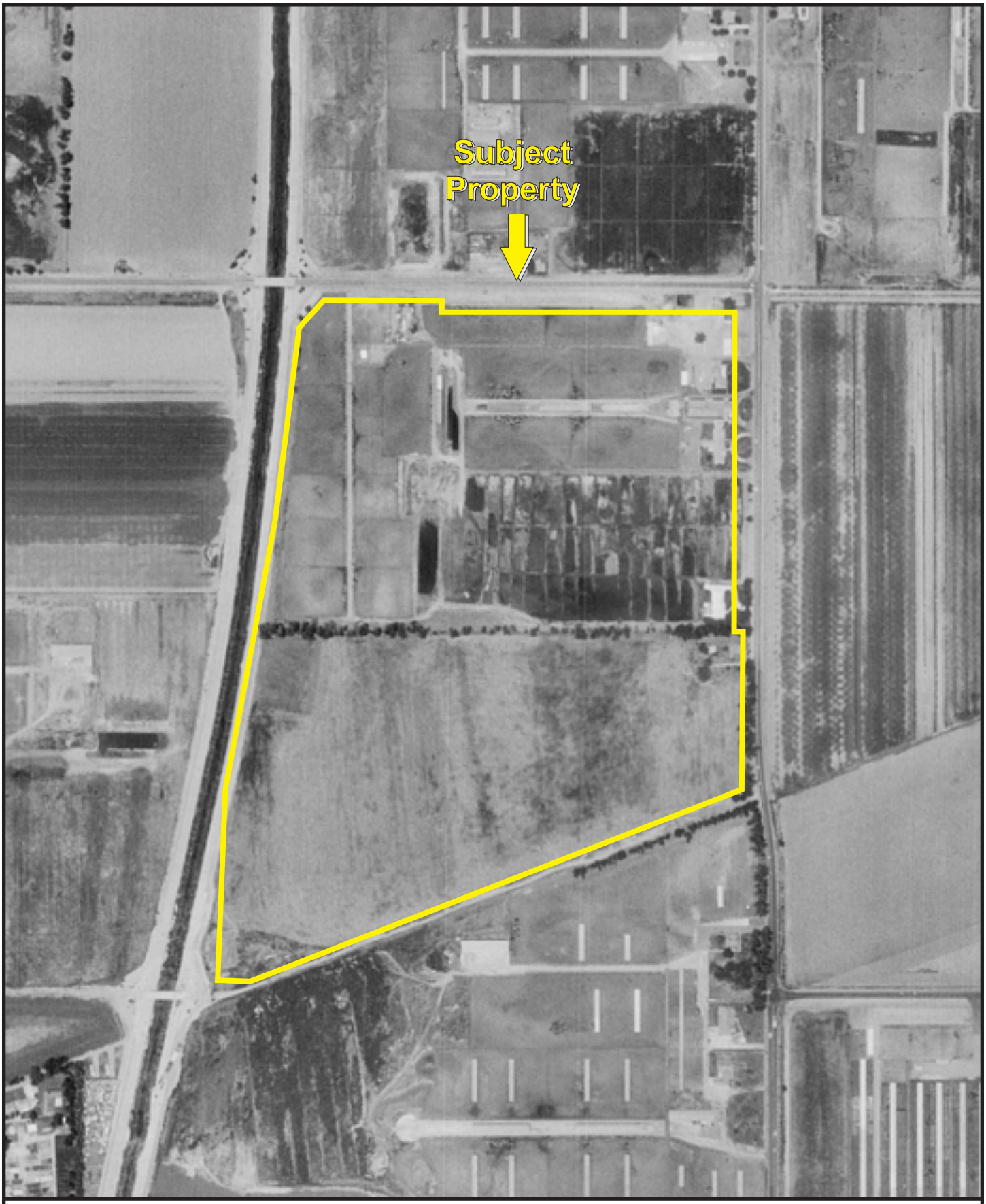
Date: 1985

APPENDIX B: AERIAL PHOTOGRAPHS

Project No. 15-143791.1

PARTNER

Date: 1989



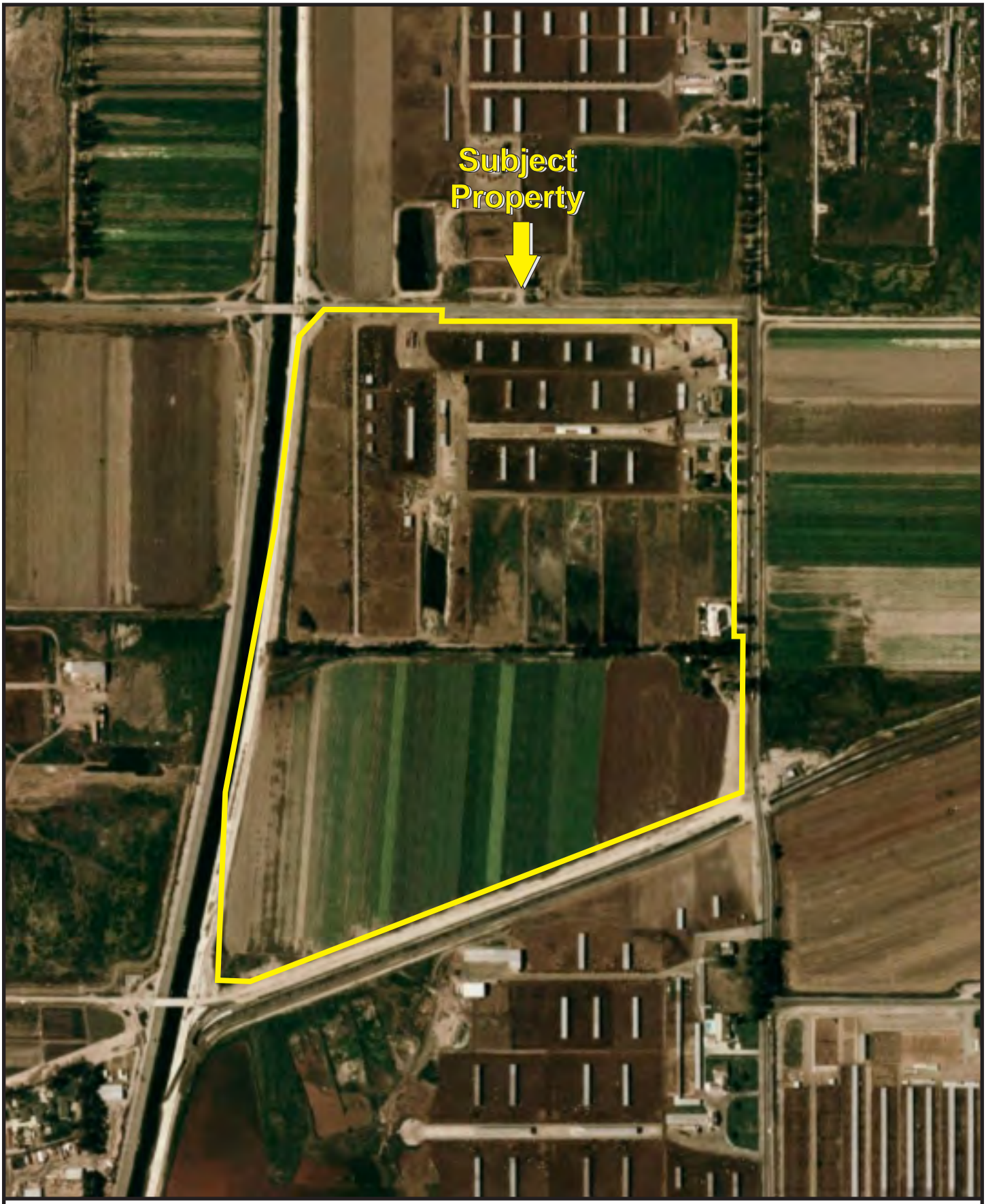
Date: 1994

Date: 2005

APPENDIX B: AERIAL PHOTOGRAPHS

Project No. 15-143791.1

PARTNER



Date: 2006

APPENDIX B: AERIAL PHOTOGRAPHS

Project No. 15-143791.1

PARTNER

Date: 2009

APPENDIX B: AERIAL PHOTOGRAPHS

Project No. 15-143791.1

PARTNER

Date: 2010

APPENDIX B: AERIAL PHOTOGRAPHS

Project No. 15-143791.1

PARTNER

Date: 2012

APPENDIX B: AERIAL PHOTOGRAPHS

Project No. 15-143791.1

PARTNER

Agricultural Land

Apns 218-311-02, -03, -07, -08, and -10

Chino, CA 91710

Inquiry Number: 4362112.3

July 22, 2015

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

7/22/15

Site Name:
Agricultural Land
Apns 218-311-02, -03, -07, -
Chino, CA 91710

Client Name:
Partner Engineering and
2154 Torrance Blvd, Suite 200
Torrance, CA 90501-0000

EDR Inquiry # 4362112.3

Contact: Yvonne Rodriguez

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

Certified Sanborn Results:

Site Name: Agricultural Land
Address: Apns 218-311-02, -03, -07, -08, and -10
City, State, Zip: Chino, CA 91710
Cross Street:
P.O. # NA
Project: 15-143791.1
Certification # 68EB-4D09-A60D

UNMAPPED PROPERTY

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

Sanborn® Library search results
Certification # 68EB-4D09-A60D

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

The Sanborn Library LLC Since 1866™

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CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 S. E St., San Bernardino, CA 92415-0153 • (909) 386-8468 FAX (909) 386-8460

REQUEST FOR A CERTIFIED HAZARDOUS MATERIALS RECORDS SEARCH FINDING REPORT

The main focus of a REQUEST FOR A CERTIFIED HAZARDOUS MATERIALS RECORDS SEARCH FINDING REPORT is to determine whether there exists in San Bernardino County Fire Department (County Fire) files any record relating to contamination or reports of spills at a particular site. A Certified Hazardous Materials Records Search Finding Report should reveal whether there are any facilities at the site that are subject to current or past regulatory activity by County Fire, such as underground storage tanks, hazardous material handlers, hazardous waste generators, and EPCRA or CalARP facilities, as well as any reports of spills, incidents, complaints, or cleanup activity, that can be a useful tool in providing a history of compliance or non-compliance.

Once County Fire has completed its records search, a Certified Hazardous Materials Records Search Finding Report will be prepared and issued, which will detail all County Fire records associated with a particular site by type, date, location, and status where applicable. (Any files identified in a Certified Hazardous Materials Records Search Finding Report can be made available for copies and/or review upon request.)

If the completed records search reveals no County Fire record of hazardous material activity at the site, a Certified Hazardous Materials Records Search Finding Report will be issued, noting that "no records" were identified.

Please provide a specific site address or location description. If a situs address does not exist or cannot be found, list another type of location identifier such as Assessor Parcel Number (preferable), cross streets or intersections (e.g., NWC 5th Ave. & Main St.), and/or legal description, and if possible attach a map to this request form.

SITE INFORMATION		
Property Owner or Business Name	Location (Site Address and/or Assessor Parcel No.)	City/Community
	Please see attached page	Ontario

Please provide your name, the company you represent, and contact information below.

REQUESTOR INFORMATION				
NAME: Brianna Menke	TITLE (*If individual, leave blank*):	COMPANY (*If individual, leave blank*): Partner		
MAILING ADDRESS: 11839 Sorrento Valley Rd. #9a	CITY: San Diego		STATE: CA	ZIP CODE: 92121
TELEPHONE: 858-437-7831	FAX: 619-798-4315	EMAIL ADDRESS: bmenke@partneresi.com		

So that we may provide better service, please check one or more of the boxes below which best describe how the findings of the Certified Hazardous Materials Records Search will be used and/or your relationship to the property in question.

PURPOSE OR RELATIONSHIP TO PROPERTY

- [X] 1. Phase I site assessment or due diligence **AT THE SITE**
- [ ] 2. Environmental professional involved with remediation **AT THE SITE**
- [ ] 3. Phase I site assessment or due diligence **NEARBY**
- [ ] 4. Environmental professional involved with remediation **NEARBY**
- [ ] 5. Proposed School Site (1/4 mi. search for AHM)
- [ ] 6. Proposed Drinking Water Well
- [ ] 7. Owner or operator of the facility or property
- [ ] 8. Potential buyer
- [ ] 9. Real Estate Agent, Lender, Appraiser
- [ ] 10. Pending escrow
- [ ] 11. Proposed redevelopment
- [ ] 12. Legal or other reason: _____

AGENCY USE

Certified Record Search Finding Report issued: __/__/__	Reference No:
Certified No Record Finding Report issued: __/__/__	Amount Paid:
	Receipt No.:
	Date:

** IMPORTANT –THIS PAGE MUST BE SIGNED PRIOR TO SUBMITTAL **

DISCLAIMER: While all attempts are made to provide accurate, current, and reliable information, County Fire recognizes th possibility of human error. Therefore, County Fire, its officers, employees, agents and volunteers, make no representations as to th accuracy, completeness or suitability of a Certified Hazardous Materials Records Search Finding Report and provides a Certifie Hazardous Materials Records Search Finding Report "as is", with no warranties, express or implied, including the implied warrant of fitness for a particular purpose. In no event shall County Fire be liable for any damages of any nature whatsoever, arising out of th ssuance of a Certified Hazardous Materials Records Search Finding Report. County Fire therefore assumes no liability for damage ncurred directly or indirectly as a result of any errors, omissions or discrepancies in a Certified Hazardous Materials Records Searc Finding Report.

RELEASE AND INDEMNIFICATION: In consideration for the issuance of a Certified Hazardous Materials Records Search Findin Report, I hereby release and forever discharge County Fire, its officers, employees, agents and volunteers from any and all claims ctions, losses, damages and/or liability in connection with County Fire's issuance of a Certified Hazardous Materials Records Searc Finding Report, including, but not limited to, claims that may arise due to the active or passive negligence of County Fire, its officers employees, agents and volunteers.

am familiar with the provisions of California Civil Code Section 1542, which provides as follows:

'A general release does not extend to claims which the creditor does not know or suspect to exist in his or her favor at the time o executing the release, which if known by him or her must have materially affected his or her settlement with the debtor."

hereby expressly waive any and all rights that I may have there under. I understand and acknowledge the significance an consequence of this specific waiver of California Civil Code Section 1542 and assume full responsibility for any injuries, damages osses or liabilities that I may hereafter discover as possibly resulting from County Fire's issuance of a Certified Hazardous Materia Records Search Finding Report.

n further consideration for County Fire's issuance of a Certified Hazardous Materials Records Search Finding Report, I hereb gree, for myself, my heirs, administrators, executors and assigns, that I shall indemnify, defend (with counsel approved by County nd hold harmless County Fire, its officers, employees, agents and volunteers from any and all claims, demands, actions or suits arisin ut of or in connection with County Fire's issuance of a Certified Hazardous Materials Records Search Finding Report brought by an hird party.

* * *

have read the above terms and conditions, including the paragraphs entitled "DISCLAIMER" and "RELEASE AN NDEMNIFICATION", and by my signature below, I affirm that I understand these terms and conditions and accept them as part o ıy REQUEST FOR A CERTIFIED HAZARDOUS MATERIALS RECORDS SEARCH FINDING REPORT.

hereby request a Certified Hazardous Materials Records Search Finding Report for the location described on Page 1 of thi pplication.

- ☐ I am including payment of the initial fee of $130.00, for the first hour of research, by check or money order, payable to San Bernardino County Fire Dept. I understand that research exceeding one hour will be billed at the rate of $130.00 for each additional hour spent by County Fire in completing this request.
- ☒ I have faxed or emailed this request and will forward payment along with the original request form within 48 hours.

REQUESTOR'S SIGNATURE	
SIGNATURE OF REQUESTOR	DATE
	8/3/2015

ev. 2/13/2014

APNs:

0128-311-02-00
0128-311-03-00
0128-311-07-00
0128-311-08-00
0128-311-10-00

All APNs are contiguous and are occupied by a Dairy Farm and agricultural operations/activities. Addresses that may be associated with these APNs are: 15090, 15092, & 15066 Archibald Avenue and 9507 Merrill Avenue, Ontario, CA 91762.

SOUTH COAST AQMD

Facility INformation Detail (FIND)

Search Again | Search Results | Facility Details | Equipment List | Compliance | Emissions | Hearing Board | Transportation

Facility Details

Facility ID	145061
Company Name	TADEMA CATTLE CO
Address	15090 ARCHIBALD AVE
	CHINO, CA 91710
Status	ACTIVE

Are there any back fees due?

No.

SIC Code	Description
0241	DAIRY FARMS

SOUTH COAST AQMD

Facility INformation Detail (FIND)

Search Again | Search Results | Facility Details | Equipment List | Compliance | Emissions | Hearing Board | Transportation

Equipment List

Facility ID	145061
Company Name	TADEMA CATTLE CO
Address	15090 ARCHIBALD AVE
	CHINO, CA 91710

Appl_Nbr	Permit_Nbr	Issued_Date	Permit_Status	Eq_Type	Equip_Description	Appl_Date	Appl_Status
498151	G3265	6/3/2009	ACTIVE	Basic	AGOPS EMERGENCY ICE (50-500 HP)	4/21/2009	PERMIT TO OPERATE GRANTED
445764	F86239	12/6/2006	INACTIVE	Basic	AGOPS EMERGENCY ICE (50-500 HP)	6/29/2005	PERMIT TO OPERATE GRANTED
445763	F86972	1/16/2007	ACTIVE	Basic	AgOps LACAF Dairy	6/29/2005	PERMIT TO OPERATE GRANTED

First | Prev | Page 1 of 1 (3 records) | Next | Last | Page 1 | Export To Excel

SOUTH COAST AQMD

Facility INformation Detail (FIND)

Compliance

Facility ID	145061
Company Name	TADEMA CATTLE CO
Address	15090 ARCHIBALD AVE
	CHINO, CA 91710

Notices Of Violaton: NONE

Notices To Comply: NONE

SOUTH COAST AQMD

Facility INformation Detail (FIND)

Search Again | Search Results | Facility Details | Equipment List | Compliance | Emissions | Hearing Board | Transportation

Facility Details

Facility ID	145097
Company Name	TEE VEE DAIRY
Address	14744 ARCHIBALD AVE
	ONTARIO, CA 91762
Status	OUT OF BUSINESS

SIC Code	Description
0241	DAIRY FARMS

SOUTH COAST AQMD

Facility INformation Detail (FIND)

Search Again | Search Results | Facility Details | Equipment List | Compliance | Emissions | Hearing Board | Transportation

Equipment List

Facility ID	145097
Company Name	TEE VEE DAIRY
Address	14744 ARCHIBALD AVE
	ONTARIO, CA 91762

Appl_Nbr	Permit_Nbr	Issued_Date	Permit_Status	Eq_Type	Equip_Description	Appl_Date	Appl_Status
467800				Basic	AGOPS DAIRY	4/17/2007	APPLICATION DENIED
445860				Basic	AGOPS DAIRY	7/5/2005	APPLICATION CANCELLED
445862				Basic	AGOPS EMERGENCY ICE (50-500 HP)	7/5/2005	APPLICATION REJECTED

First | Prev | Page 1 of 1 (3 records) | Next | Last | Page 1 | Export To Excel

SOUTH COAST AQMD

Facility INformation Detail (FIND)

Compliance

Facility ID	145097
Company Name	TEE VEE DAIRY
Address	14744 ARCHIBALD AVE
	ONTARIO, CA 91762

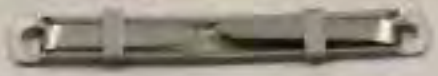
Notices Of Violaton: NONE

Notices To Comply: NONE

JAN. 2006 –
TADEMA, CHARLIE

Form 3.

Received



ANNUAL REPORT
Regional Water Quality Control Board
Santa Ana Region
(Order No. R8-2013-0001, NPDES No. CAG018001)

Reporting Period: **January 1, 2014 through December 31, 2014**
Report Due Date: **January 15, 2015**

FACILITY INFORMATION (Please make any corrections directly on this form)	
CAFO Operator's Name	Charlie Tadema
CAFO Facility Name	Tadema Cattle Co.
Facility Address	15090 Archibald Avenue, Ontario
Mailing Address	8176 Grapewin Street, Corona, CA, 92880
Telephone Number	909/597-1787

ANIMAL POPULATION (Please provide the number of animals in each category)

Milking Cows 1358 Dry Cows 216 Heifers 950 Calves 0

Others (specify type and number) 19 Bulls

MANURE INFORMATION Units Used: Tons ✓ Cubic Yards ____

Manure Produced 7956 TONS Manure Spread on Cropland at Facility ✓

Manure Spread on Other Cropland ✓

Manure Stockpiled on Site as of 12/31/14 ✓

Manure Hauled Away (Also provide Manure Tracking Manifests, Form 4) 11,365 TONS

Was Manure Amount Calculated Using the Following Factors? Yes ✓ No ____

1 Milking cow produces approximately 4.1 tons of manure per year
1 Dry cow produces approximately 4.1 tons of manure per year
1 Heifer produces approximately 1.5 tons of manure per year
1 Calf produces approximately 0.8 tons of manure per year

*1 ton of corral manure equals 2.32 cubic yards and 1 cubic yard of corral manure equals 0.43 tons

LOGGED 1-15-15 **ENTER DAIRY DB** 1-22-15 **SCANNED TO FILE**

NUTRIENT MANAGEMENT PLAN (NMP) AND NUTRIENT ANALYSIS

NMP is Current: Yes_____ No_____

Has the most current nutrient analysis been provided to the recipient of the manure?

Yes_____ No_____

CROP GROWING ACTIVITY

Number of cropland acres where manure has been applied (Cropland is ownership or the dairy where manure was applied and a crop was harvested)

Cropland acres_____ No. of plantings per year: One___ Two___ Three___

Type of crops grown:

Sudan grass____ Alfalfa____ Winter wheat____

Barley____ Bermuda grass____ Corn____ Oats____ Turf Grass____

Vegetables____ Others_____

Actual crop yields_____

Manure application rates_____

Amount of manure spread on each field_____

Number of Milkings per day (Dairies only): One____ Two_✓_ Three____

COMMENTS:

CERTIFICATION:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name of person making this report **(please print)**: MARY ALICE TADEMA

Signature: Maryalice Tadema

Date: 1-7-15

Title: Secretary

Form 4

Manure Tracking Worksheet
Regional Water Quality Control Board
Santa Ana Region
Order No. R8-2013-0047, NPDES No. CA8000403
Reporting Period: January 1, 2013 through December 31, 2013

INSTRUCTIONS:
1. Complete one manifest for each hauling event (or for each destination). A hauling event may last for several days, as long as the manure is going to the same destination.
2. If trucks and multiple destinations, complete a separate form for each destination.
3. The CAFO operator must obtain the signature of the hauler upon completion of each manure hauling event.
4. The CAFO operator must submit manure tracking worksheet(s) with the Annual Report to Regional Board.

OPERATOR'S INFORMATION

CAFO Operator's Name: Charlie Tadema

CAFO Facility Name: Tadema Cattle Co.

Facility Address: 15090 Archibald Avenue, Ontario

Mailing Address:

Telephone Number:

MANURE INFORMATION

Manure analyzed for nutrients: Yes ☐ No ☐

Most current nutrient analysis of manure provided to the recipient of the manure[1]: Yes ☐ No ☐

MANURE HAULER INFORMATION

Name and Address of Hauling Company: Three Brothers Farms 15108 3rd St. Chino, Ca 91710

Phone Number: (909) 917-7752

Contact Person Name: Guillermo Torres

MANURE DESTINATION INFORMATION

Hauled to (please check):

- ☐ Composting Facility
- ☐ Regional Treatment Facility
- ☐ Croplands in Riverside County
- ☒ Croplands in San Bernardino County
- ☐ Croplands in other Counties _____

Amount removed: (Ton) or Cubic Yards
(Please enter the amount in the box below and circle the appropriate units)

3,006

Dates Hauled: 12/30/2013-01/10/2014

Destination of Haul: Euclid Ave. Chino,Ca 91710

GPS Coordinates of Destination[2]: Latitude: _____ Longitude: _____

Destination Receiver of Manure: Chino Prison

Manure Quantity Delivered: 3,006 Tons

Approximate Acreage (if Destination is Cropland): 100

Crop(s) Grown on Cropland: Pumpkins

CERTIFICATION:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a syst designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or pers who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowle and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility o and imprisonment for knowing violations.

Operator's Signature: _____ Date: _____

Hauler's Signature: Guillermo Torres Date: January 21, 2014

1 *The Regional Board may ask for a copy of manure nutrient analysis.*
2 *GPS coordinates shall be provided for all destinations within the Santa Ana Region.*

FORM 4

[illegible]

INSTRUCTIONS

1. Complete one manifest for each hauling event and for each destination. A hauling event may last for several days, as long as full discharge of hauling [illegible] to the same destination.
2. If there are multiple destinations, complete a separate form for each destination.
3. The CAFO operator must obtain the signature of the hauler (both completion of each manure hauling event).
4. The CAFO operator shall submit manure hauling manifest(s) with the Annual Report to Regional Board.

OPERATOR'S INFORMATION

CAFO Operator's Name: Tadema Cattle

CAFO Facility Name:

Facility Address: 15090 Archibald Ave Ontario, Ca

Mailing Address:

Telephone Number:

MANURE INFORMATION

Manure analyzed for nutrients: Yes ☐ No ☐

Most current nutrient analysis of manure provided to the recipient of the manure[1]: Yes ☐ No ☒

MANURE HAULER INFORMATION

Name and Address of Hauling Company: Three Brothers Farms 13108 3rd St. Chino, Ca 91710

Phone Number: (909) 917-7752

Contact Person Name: Guillermo Torres

MANURE DESTINATION INFORMATION

Hauled to (please check):

- ☐ Composting Facility
- ☐ Regional Treatment Facility
- ☒ Croplands in Riverside County
- ☐ Croplands in San Bernardino County
- ☐ Croplands in other Counties

Amount removed: Tons or Cubic Yards
(Please enter the amount in the box below and circle the appropriate units)

2,304

Dates Hauled: 05/17-05/23/2014

Destination of Haul: Bellgrave ave. Mira Loma Ca

GPS Coordinates of Destination[2]: Latitude: 33.9845417 Longitude: 117.5159444

Destination Receiver of Manure: vernola

Manure Quantity Delivered: 2,304 Tons

Approximate Acreage (if Destination is Cropland): 200

Crop(s) Grown on Cropland: Corn ,Hay wheat

CERTIFICATION:

certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

erator's Signature: [signature] Date: _____

er's Signature: Guillermo Torres Date: June 3rd, 2014

1 *The Regional Board may ask for a copy of manure nutrient analysis.*
2 *GPS coordinates shall be provided for all destinations within the Santa Ana Region.*

Form 4

Manure Tracking Number
Reporting Period: January 1, 2013 through December 31, 2013

INSTRUCTIONS:

OPERATOR'S INFORMATION

CAFO Operator's Name: Tadema Cattle

CAFO Facility Name:

Facility Address: 15090 Archibald Ave. Ontario, CA 91762

Mailing Address:

Telephone Number:

MANURE INFORMATION

Manure analyses for nutrients: Yes ☒ No ☐

Most current nutrient analysis of manure provided to the recipient of the manure: Yes ☒ No ☐

MANURE HAULER INFORMATION

Name and Address of Hauling Company: Three Brothers Farms 13108 3rd St. Chino, Ca 91710

Phone Number: (909) 917-7753

Contact Person Name: Guillermo Torres

MANURE DESTINATION INFORMATION

Hauled to (please check):

- ☐ Composting Facility
- ☐ Regional Treatment Facility
- ☐ Croplands in Riverside County
- ☒ Croplands in San Bernardino County
- ☐ Croplands in other Counties

Dates Hauled:

Destination of Haul: Carpentar and Eucalyptus

GPS Coordinates of Destination*: Latitude: 33.99[illegible] Longitude: 117.59[illegible]

Destination Receiver of Manure: Carpentar & Eucalyptus

Manure Quantity Delivered: 2,412 tons

Approximate Acreage (If Destination is Cropland): 100 Acres

Crop(s) Grown on Cropland: Corn Hay

Amount removed: (Tons) or Cubic Yards
(Please enter the amount in the box below and circle the appropriate units)

2,412

CERTIFICATION:

I declare under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: [signature] Date:

Signature: Guillermo Torres Date: 09/20/14

The Regional Board may ask for a copy of manure nutrient analysis.
GPS coordinates shall be provided for all destinations within the Santa Ana Region.

ANNUAL REPORT
Regional Water Quality Control Board
Santa Ana Region
(Order No. R8-2013-0001, NPDES No. CAG018001)

Received
JAN 2014

Reporting Period: **January 1, 2013 through December 31, 2013**
Report Due Date: **January 15, 2014**

FACILITY INFORMATION (Please make any corrections directly on this form)	
CAFO Operator's Name	Charlie Tadema
CAFO Facility Name	Tadema Cattle Co
Facility Address	15090 Archibald Avenue, Ontario
Mailing Address	8176 Grapewin Street, Corona, CA, 92880
Telephone Number	909/597-1787

ANIMAL POPULATION (Please provide the number of animals in each category)

Milking Cows 1400 Dry Cows 210 Heifers 850 Calves 75

Others (specify type and number) 22 Bulls

MANURE INFORMATION Units Used: Tons ✓ Cubic Yards ____

Manure Produced 12,916 Manure Spread on Cropland at Facility ✓

Manure Spread on Other Cropland ✓

Manure Stockpiled on Site as of 12/31/13 ____ ✓

Manure Hauled Away (Also provide Manure Tracking Manifests, Form 4) 12,916

Was Manure Amount Calculated Using the Following Factors? Yes ✓ No ____

1 Milking cow produces approximately 4.1 tons of manure per year

1 Dry cow produces approximately 4.1 tons of manure per year

1 Heifer produces approximately 1.5 tons of manure per year

1 Calf produces approximately 0.6 tons of manure per year

*1 ton of corral manure equals 2.32 cubic yards and 1 cubic yard of corral manure equals 0.43 tons

Soil & Plant Laboratory, Inc.

SOIL ANALYSIS

Sent To:	Project:	
Tadema Cattle Co. 7145 Edison Ave. Ontario CA 91762	Manure	Report No. [illegible] Cost No. [illegible] Date Printed: [illegible] Date Received: [illegible] Page: 1 of 1 Lab Number: [illegible]

Sample Id: **Manure**

SATURATION EXTRACT - PLANT SUITABILITY

Test	Result	Effect on Plant Growth: Sensitive Crops Restricted	Many Crops Restricted	[illegible]	[illegible]
Salinity (ECe)	17.1 ppm				
Sodium Adsorption Ratio (SAR)*	21.13				
Boron (B)					
Sodium (Na)	90.9 meq/L				
Chloride (Cl)					
Carbonate (CO3)					
Bicarbonate (HCO3)					
Fluoride (F)					

* Structure and water infiltration of mineral soils potentially adversely affected at SAR values higher than 8.

Test	Result	Strongly Acidic	Moderately Acidic	Slightly Acidic	Neutral	Slightly Alkaline	Moderately Alkaline	Strongly Alkaline	Sulfidic Lime
pH	8.4 s.u.								None

EXTRACTABLE NUTRIENTS

Test	Result	Sufficiency Factor	Soil Test Ratings: Very Low	Low	Medium	Sufficient	Very High	NO3-N
Available-N	401 ppm	1.1						4 ppm
Phosphorus (P) - Olsen	1220 ppm	5.4						NH4-N
Potassium (K)	19060 ppm	20.3						397 ppm
Potassium - sat. ext.	135.0 meq/L							Total Exchangeable Cations (TEC)
Calcium (Ca)	1087 ppm	0.3						
Calcium - sat. ext.	5.3 meq/L							
Magnesium (Mg)	1494 ppm	3.1						164 meq/kg
Magnesium - sat. ext.	11.1 meq/L							
Copper (Cu)								
Zinc (Zn)								
Manganese (Mn)								
Iron (Fe)								
Boron (B) - sat. ext.								
Sulfate - sat. ext.								
Each Aluminum								

Cu, Zn, Mn and Fe were analyzed by DTPA extract.

PARTICLE SIZE ANALYSIS

Half Sat	Organic Matter	Gravel: Coarse 5-12	Gravel: Fine 2-5	Weight Percent of Sample Passing 2mm Screen: Very Coarse 1-2	Sand: Coarse 0.5-1	Sand: Med. to Very Fine 0.05-0.5	Silt 002-05	Clay 0-002	USDA Classifi
189 %									

Graphical interpretation is a general guide. Optimum levels will vary by crop and objectives.

[illegible] CAFO Water Shore Management Scientific Department Log Sheet

Reporting Period: [illegible]
Facility Name: [illegible]

- Audubon Berm
- Tree Line Berm
- Flood Channel Berm
- Metal Berm
- Pond Reading

* All [illegible] checks 123 [illegible]

Week	Date	[illegible]	[illegible]	Notes	[illegible]	[illegible]
1	1/5/13	SJ	ok	all berms in check checks 123	Pond Reading: 0	
2	1/12/13	SJ	ok	all berms in check checks 123	Pond Reading: 0	
3	1/19/13	SJ	ok	checks 123 All berms in check	Pond Reading: 0	
4	1/26/13	SJ	ok	Rain 1/24 Rain 1/25 checks 123 all Berms in check	Pond Reading: 0	
5	2/2/13	SJ	ok	Water checks 123 All Berms in ck	Pond Reading: 0	
6	2/9/13	SJ	ok	Water checks 123 All berms in check	Pond Reading: 0	
7	2/16/13	SJ	ok	Beautiful Day! all berms in check	Pond Reading: 0	
8	2/23/13	SJ	ok	Real windy! all berms in check	Pond Reading: 0	
9	3/2/13	SJ	ok	Nice Weather All berms in check	Pond Reading: 0	

Water checks 123

Reporting Period: January 1, 2012 to December 31, 2012

Report Due Date: January 15, 2013

Facility Information (Please make corrections directly on this form)	
Operator's Name	Charlie Tavarone
Facility Name	Tavarone Cattle
Facility Address	12090 Archibald Avenue, Ontario, CA
Mailing Address	7145 Edison Avenue, Ontario, CA
Telephone Number	909-597-1787

Does the information provided apply only to the facility address indicated above? ☒ Yes ☐ No

If No, please provide the name and address of the other facilities in the Comments section of this report.

Note: Submit a separate report for each of your facilities including dry cow, heifer, and calf ranches.

Animal Population		Manure Information	
		Units used below:	☒ tons ☐ cubic yards
No. Milking Cows	1463	Amount of manure spread on cropland at the facility:	0
No. Dry Cows	236	Amount of manure hauled away from your facility. (Please provide copies of all Manure Tracking Manifests showing the hauler name and the destination of the manure.)	12,234
No. Heifers	989		
No. Calves	0		
Others Bulls	15	Amount of manure produced in 2012 that is stockpiled on site as of 12/31/2012:	0

Were the production factors provided below used to estimate your manure information? ☒ Yes ☐ No

I have complied with Special Provisions Section VII.C.5.f. of Order No. R8-2007-0001 by providing nutrient analysis for the transferred manure. ☒ Yes ☐ No

1 Milking cow produces approximately 4.1 tons per year of manure.

1 Heifer produces approximately 1.5 tons per year of manure.

1 ton of corral manure equals 2.32 cubic yards.

1 Dry cow produces approximately 4.1 tons per year of manure.

1 Calf produces approximately 0.6 tons per year of manure.

1 cubic yard of corral manure equals 0.43 tons.

[illegible]

OPERATOR INSPECTION PARTICIPATION AND INPUT, AND DESCRIPTION OF WATER CONTAINMENT SYSTEM

Operator did not attend inspection. Barn wastewater is directed to pasture field with dairy. Western corral area drains to pond. **Refer to Photos**

INSPECTION OBSERVATIONS

ANIMALS ONSITE DURING INSPECTION:

Milk Cows: 1400 Dry Cows: 200 Heifers: 8 Calves: Other: 8

INSPECTION SPECIFIC MANURE AND WASTEWATER INFORMATION:

DISCUSSION OF FACILITY HOUSEKEEPING:
Corral manure was estimated to be about 2 inches thick. There appeared to be minor low spots in corrals with no standing water. A small manure pile was observed near the pond. The manure pile appeared to be recently removed from the corrals. Housekeeping and BMP maintenance was adequate. **Refer to Photos**

TYPICAL DEPTH OF MANURE IN CORRALS: **2 inches**
DATE CORRALS WERE LAST SCRAPED:
ESTIMATED FREEBOARD IN FULLEST LAGOON:
DATE OF LAST LAGOON SOLIDS REMOVAL, PER FACILITY REPRESENTATIVE: **Currently**
DISPOSAL LOCATION FOR LAGOON SOLIDS: **Whittier Fertilizer**

INSPECTION SPECIFIC MANURE AND WASTEWATER INFORMATION (CONTINUED)

CONDITION OF BERMS AND CONTAINMENT STRUCTURES:
Pond and disposal field (pasture) have adequate capacity for W/W storage. Berm integrity appears adequate. Negligible rodent activity. No vegetation in pond or on berms. Pond marker was installed. Spillway at southeast corner was partially covered with soil. **Refer to Photos**

OTHER INSPECTION OBSERVATIONS:

POTENTIAL VIOLATIONS (IF APPLICABLE)

- ***The discharger has more than 700 mature cows, but has not analyzed the manure, or does not have a copy of their nutrient analysis to show the inspector***

DATE OF POTENTIAL VIOLATION: **8-7-12**
DATE OF POTENTIAL VIOLATION DETERMINATION: **8-7-12**

View looking east along northern corral area

DESCRIPTION OF VIOLATION: **See above items as well as Inspection Summary, Annual Report Review, EWMP Review, Description of Water Containment System, Inspection Observations, EWMP Review, and Additional Comments.**

ADDITIONAL COMMENTS, SPECIAL INSTRUCTIONS, FUTURE INSPECTION FOLLOW UP ETC.: Discussion. Request Mr. Tadema to submit nutrient analysis of manure and verification that a copy of the EWMP is available for future inspectors. Verification of EWMP submitted to Regional Board on August 8, 2012. Nutrient analysis of manure was submitted to the Regional Board on August 22, 2012. No further action required.

View looking east along northern corral area.

[redacted]

September 17, 2003

Charlie Tadema Cattle, Inc.
8176 Grapevin Avenue
Corona, CA 91710

Re: **ENGINEERED WASTE MANAGEMENT PLAN**
Certification of Implementation
Charlie Tadema Cattle Facility
15090 Archibald Avenue
Chino, CA

In response to the letter issued by the California Regional Water Quality Control Board dated June 3, 2003, I have inspected the above referenced facility in order to certify full implementation of the Engineered Waste Management Plan dated January 8, 2003 prepared for that facility. A visit was made to the facility on September 3, 2003 for this purpose.

At the time of my visit, the EWMP had been fully implemented as required by CRWQCB. This includes the construction of the overflow spillway near the southeast corner of the property. All aspects of the wastewater system should continue to be inspected and maintained in accordance with the EWMP.

I appreciate this opportunity to be of service to you. Please call if you have any questions.

Respectfully,

Matt Stiefel, P.E.
R.C.E. 61676

REGISTERED PROFESSIONAL ENGINEER
MATT J. STIEFEL
NO. 61676
Exp. 6-30-05
CIVIL
STATE OF CALIFORNIA

Distribution: Addressee – 1
CRWQCB – 1

Reporting Period: January 1, 2011 to December 31, 2011

Report Due Date: January 15, 2012

Facility Information (Please make corrections directly on this form)	
Operator's Name	Charlie Tadema
Facility Name	Tadema Cattle Co.
Facility Address	15080 Archibald Avenue, Ontario
Mailing Address	2176 Grapevine Street, Corona, CA 92880
Telephone Number	909/597-1787

Does the information provided apply only to the facility address indicated above? ☐ Yes ☐ No

If **No**, please provide the name and address of the other facilities in the Comments section of this report.

Note: Submit a separate report for each of your facilities including dry cow, heifer, and calf ranches.

Animal Population	Manure Information
No. Milking Cows 1579	☒ tons ☐ cubic yards
No. Dry Cows 210	EWMP design is 1400 milking cows. cropland at the 0
No. Heifers 1002	away from your ies of all Manure the hauler name 13,741.
No. Calves 74	and the destination of the manure.)
Others 8882	Amount of manure produced in 2011 that is stockpiled on site as of 12/31/2011: 0

Were the production factors provided below used to estimate your manure information? ☐ Yes ☐ No

I have complied with Special Provisions Section VII.C.5.f. of Order No. R8-2007-0001 by providing nutrient analysis for the transferred manure. ☐ Yes ☐ No

1 Milking cow produces approximately 4.1 tons per year of manure.

1 Heifer produces approximately 1.5 tons per year of manure.

1 ton of corral manure equals 2.32 cubic yards.

1 Dry cow produces approximately 4.1 tons per year of manure.

1 Calf produces approximately 0.6 tons per year of manure.

1 cubic yard of corral manure equals 0.43 tons.

Dairy Unit

cc:

Robert Vanden Heuvel, Milk Producers Council
Pat Boldt, Milk Producers Council
Jim Griffin, Western United Dairymen, Bakersfield
Orange County Coastkeeper
Lawyers for Clean Water
Min-Le Cheng, West Valley Mosquito & Vector Control District
Northwest Mosquito & Vector Control District

Inspection No. 8 INSPECTOR JIS		PCA SYSTEM TASK NO. 1/3
836587101 WDID No.	Charlie Tadema OWNER NAME	Tadema Cattle Co. FACILITY NAME
CAG018001 NPDES No.	15090 Archibald Ave. OWNER ADDRESS	Same FACILITY ADDRESS
Sched Date	Ontario, CA 91762 OWNER CITY, STATE & ZIP	Same FACILITY CITY, STATE & ZIP
6/21/11 Actual Date Inspected	Charlie Tadema OWNER CONTACT	Same FACILITY CONTACT
	909/597-1787 OWNER PHONE NO.	909/597-1787 FACILITY PHONE NO.

S Inspection Agency (S=STATE, J=JOINT STATE/USEPA)

V If this inspection is a compliance inspection on an NPDES facility, send a copy of this report to SWRCB's Division of Water Quality, Program Support Unit

INSPECTION TYPE (Check One)

A1 ___ "A" type compliance--Comprehensive inspection in which samples are taken. (EPA Type S)

B1 X "B" type compliance--A routine nonsampling inspection. (EPA Type C)

02 ___ Noncompliance follow-up--Inspection made to verify correction of a previously identified violation.

03 ___ Enforcement follow-up--Inspection made to verify that conditions of an enforcement action are being met.

04 ___ Complaint--Inspection made in response to a complaint.

05 ___ Pre-requirement--Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.

06 ___ Miscellaneous--Any inspection type not mentioned above. If this is an EPA inspection not mentioned above please note type. (e.g. biomonitoring, performance audit, diagnostic, etc.)

N Were violations noted during this inspection? (Yes/No/Pending Sample Results)

___ Was this a Quality Assurance-Based inspection?

___ Were bioassay samples taken? (N=no) If YES then, S= Static or F= Flow through.

INSPECTION SUMMARY (REQUIRED) (100-character limit)

INITIALS: JIS SIGNATURE: [signature] DATE: June 28, 2011

For Internal Use: Reviewed by: (1)_____ (2)_____ (3)_____
Regional WDS Coordinator

WDS Data Entry Date: ___ - ___ - ___

Regional Board File Number _____

Reporting Period: January 1, 2010 to December 31, 2010

Report Due Date: **January 17, 2011**

JAN 19 2011

Facility Information (Please make corrections directly on this form)	
Operator's Name	Charlie Tallema
Facility Name	Tadema Cattle Co
Facility Address	15090 Archibald Avenue, Ontario
Mailing Address	7145 Edison Avenue, Ontario, CA, 91762
Telephone Number	909/597-1787

Does the information provided apply only to the facility address indicated above? ☐ Yes ☐ No

If **No**, please provide the name and address of the other facilities in the Comments section of this report.

Note: Submit a separate report for each of your facilities including dry cow, heifer, and calf ranches.

Animal Population		Manure Information	
		Units used below	☒ tons ☐ cubic yards
No. Milking Cows	1538	Amount of manure spread on cropland at the facility:	0
No. Dry Cows	241	Amount of manure hauled away from your facility: (Please provide copies of all Manure Tracking Manifests showing the hauler name and the destination of the manure.)	10,396.09
No. Heifers	577		
No. Calves		Amount of manure produced in 2010 that is stockpiled on site as of 12/31/2010:	0
Others			

Were the production factors provided below used to estimate your manure information? ☐ Yes ☐ No

1 Milking cow produces approximately 4.1 tons per year of manure.

1 Heifer produces approximately 1.5 tons per year of manure.

1 ton of corral manure equals 2.32 cubic yards.

1 Dry cow produces approximately 4.1 tons per year of manure.

1 Calf produces approximately 0.6 tons per year of manure.

1 cubic yard of corral manure equals 0.43 tons.

Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name of person making this report (please print)

Title

Reporting Period: January 1, 2009 to December 31, 2009
Report Due Date: **Friday, January 15, 2010**

Facility Information (Please make corrections directly on this form.)	
Operator's Name	Charlie Tadema
Facility Name	Tadema Cattle Co
Facility Address	15090 Archibald Avenue, Ontario, CA 91762
Mailing Address	7145 Edison Avenue, Ontario, CA. 91762
Telephone Number	909-597-1787

Does the information provided apply only to the facility address indicated above? ☒ Yes ☐ No

If **No**, please provide the name and address of the other facilities in the Comments section of this report.

Note: Submit a separate report for each of your facilities including dry cow, heifer, and calf ranches.

Animal Population		**Manure Information**	
		Units used below:	☒ tons ☐ cubic yards
No. Milking Cows	1430	Amount of manure spread on cropland at the facility:	0
No. Dry Cows	241		
No. Heifers	1048	Amount of manure hauled away from your facility: (Please provide copies of all Manure Tracking Manifests showing the hauler name and the destination of the manure.)	10,716.02
No. Calves			
Others		Amount of manure produced in 2009 that is stockpiled on site as of 12/31/09	0

Were the production factors provided below used to estimate your manure information? ☐ Yes ☐ No

1 Milking cow produces approximately 4.1 tons per year of manure.

1 Heifer produces approximately 1.5 tons per year of manure.

1 ton of corral manure equals 2.32 cubic yards.

1 Dry cow produces approximately 4.1 tons per year of manure.

1 Calf produces approximately 0.6 tons per year of manure.

1 cubic yard of corral manure equals 0.43 tons.

FACILITY INSPECTION REPORT

OFFICE NO:		
INSPECTOR(S): Caitlin Kontak (Tt)		PCA System Tax ID:
8365871001	Charlie Tadema	Tadema Cattle Co.
WDID NUMBER	OWNER NAME	FACILITY NAME
CAG018001	5176 Grapevine Street	15090 Archibald Avenue
NPDES NUMBER	OWNER ADDRESS	FACILITY ADDRESS
	Corona, CA 92880	Ontario, CA 91710
	OWNER CITY AND STATE	FACILITY CITY AND STATE
11/2/2009	Charlie Tadema (owner)	Glenn
SCHED. INSP. DATE	OWNER CONTACT	FACILITY CONTACT
11/2/2009	(909) 597-1787	(951) 712-8695
ACTUAL INSP. DATE	OWNER PHONE NO.	FACILITY PHONE NO.

FACILITY LATITUDE: 33.98159 FACILITY LONGITUDE: -117.59378

INSPECTION TYPE (check one)

- [ ] (A1) "A" type compliance -- (EPA Type S)
- [x] (B1) "B" type compliance -- (EPA Type C)
- [ ] (02) Noncompliance follow-up - Correction of a previously identified violation
- [ ] (03) Enforcement follow-up - Enforcement action is being met
- [ ] (04) Complaint - Complaint
- [ ] (05) Pre-requirement
- [ ] (06) Miscellaneous
- [ ] (07) Pretreatment audit (Every 5 years)
- [ ] (08) Pretreatment compliance (Yearly except audit year)

_____ (Type) If this is an EPA inspection not mentioned above, please note type (e.g., biomonitoring, performance audit, diagnostic, etc.)

Yes	Were potential violations noted during this inspection? (Yes/No/Pending Sample Results)
No	Was this a quality assurance-based inspection?
No	Were bioassay samples collected?
No	Were water quality samples collected?

INSPECTION SUMMARY

The overall facility rating, on a 1 (Unreliable) to 5 (Very Reliable) scale, was determined to be 4 = Reliable. The facility appeared to be operating according to its EWMP. Minor issues are discussed in this report.

EWMP was certified by the facility's engineer/consultant on 9/17/2003.

The EWMP appeared to be fully implemented at this facility.

Facility Housekeeping:

- *Corral housekeeping appeared adequate.*
- *Spilled manure was not observed outside the corrals.*
- *Standing water was not observed within the facility boundaries.*
- *Corrals were well maintained and are cleaned 4 or 5 times per year, according to the facility representative (Photos 3, 7 and 9).*

Freeboard in fullest lagoon was estimated to be 8 feet.

Additional information regarding facility conditions, Engineered Waste Management Plan (EWMP) implementation issues, or potential violations can be found on subsequent pages of this report.

INSPECTORS DATA

INITIALS CK SIGNATURE Caitlin Kontak DATE 12/30/09

For Internal Use: Reviewed By: (1) _____ (2) _____ (3) _____

CIWQS Data Entry Date: _____ Regional Board File Number: _____

OFFICE NO.

FACILITY INSPECTION REPORT

INSPECTOR(S): Cattle Komak (TI) PCA System Task No.

EPA SUGGESTED INSPECTION CHECKLIST

POTENTIAL VIOLATIONS (IF APPLICABLE)

- *The discharger did not maintain containment structures to retain all wastewater within the facility.*
- *Monitoring data were not maintained for at least five years and were not made available to Regional Board, SWRCB, USEPA staff and/or their authorized representatives, upon request.*

DATE OF POTENTIAL VIOLATION:

DATE OF POTENTIAL VIOLATION DETERMINATION: 11/2/2009

DESCRIPTION (200 character limit):

See comments on containment berm maintenance for further details.

INSPECTION OBSERVATIONS

ANIMALS ON SITE DURING INSPECTION

Milk Cows:	1,400	Dry Cows:	220	Heifers:	850
Calves:	150	Other:	40		

- Containment pond depth markers were in place as required by the Permit. A depth marker was in place in the impoundment.
- Mortalities were disposed of in accordance with Permit requirements. The facility utilizes Sites Animal Removal, Inc. for off-site disposal of mortalities. Animals are stored at the front of the facility for collection, as needed.
- The discharger is conducting weekly containment pond inspections as required by the Permit. Containment structure inspections have been performed as required and recorded on log sheets maintained in a binder on-site, as observed by the inspector.
- The facility representative stated that all manure manifests are kept on file at the main office. The main office was located at a different location and was not visited by the inspector.
- The discharger was not on site and/or provision of the most current nutrient analysis to manure recipients was not evaluated OR the dairy is not a large CAFO. The facility representative stated that manure nutrient analysis has been performed annually and provided to the manure recipients upon transfer; records were maintained at the off-site office and not viewed by the inspector.
- The discharger did not have 5 years worth of all required records and reports available for review. Monitoring data for the previous five years was not fully available to the inspector. Containment structure inspection logs were available for on-site review by the inspector. Nutrient analyses and manure manifests were stated to be maintained at the main, off-site office and not viewed by the inspector.

ADDITIONAL COMMENTS, SPECIAL INSTRUCTIONS, ITEMS FOR FOLLOW UP ON FUTURE INSPECTIONS, NOTES, ETC.

The inspector could not reach Mr. Tadema upon arriving at the facility, but was given an alternate number for the site foreman, Glenn (last name not provided). Glenn met the inspector to review records and discuss facility operations and then accompanied the inspector on a site tour.

The facility is located on the southwest corner of Archibald and Merrill Avenues and is bordered on the west by the Cucamonga Creek Channel. A substantial berm was in place along the Cucamonga Creek Channel (Photo 9). A disposal field is located at the southeast corner of the facility with pens surrounding it in an 'L' shape. An impoundm is located to the west of the disposal field. The calf hutch area is located between the impoundment and western pe

Wastewater from the milk barn is piped to the disposal field (Photo 1), but can also bypass the check valves to flow the impoundment. The northern corrals are sloped west and north to direct runoff to a sump area (Photos 2 and 3). Runoff wastewater is then pumped to the impoundment (Photo 5). The calf hutches and western pens drain south ditch (Photo 8) which directs runoff water east to the impoundment.

The facility is located down slope from Merrill Avenue, preventing runoff to the road (Photo 10).

TADEMA CATTLE CO.

7145 Edison Avenue
Ontario, California
Phone 909-397-1787 ♦ FAX 909-393-1394

12/22/2009

Isaac
Archibald
Chris

CRWQCB - REGION 8
DEC 29 2009

California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, CA 92501-3348

Dear Mr. Kashak:

We received a certified letter from your office December 18. I have enclosed a copy for your records.

We have been given the choice of either using the EWMP (Engineered Waste Management Plan) submitted by the previous operator or to develop a new EWMP.

We would like to use the EWMP submitted by the previous operator and approved by you.

Sincerely,

Charlie Tadema

Charlie Tadema
Partner

Enclosures

lkt

FACILITY INSPECTION REPORT

OFFICE NO:	INSPECTOR(S): **Amanda Turner (Angler Environmental)**	PCA System Task No:
8365871001	**Charlie Tadema**	**Tadema Cattle Co.**
WDID NUMBER	OWNER NAME	FACILITY NAME
CAG018001	**15090 Archibald Avenue**	**15090 Archibald Avenue**
NPDES NUMBER	OWNER ADDRESS	FACILITY ADDRESS
	Ontario, CA 91761	**Ontario, CA 91761**
	OWNER CITY AND STATE	FACILITY CITY AND STATE
	Not Determined	**Charlie Tadema**
SCHED. INSP. DATE	OWNER CONTACT	FACILITY CONTACT
11/12/2008	**Not Determined**	**(909) 597-1787**
ACTUAL INSP. DATE	OWNER PHONE NO.	FACILITY PHONE NO.
	FACILITY LATITUDE: **33.981374**	FACILITY LONGITUDE: **-117.593455**

INSPECTION TYPE (check one)

(A1) "A" type compliance – (EPA Type S)
✔ (B1) "B" type compliance – (EPA Type C)
(02) Noncompliance follow-up – Correction of a previously identified violation
(03) Enforcement follow-up – Enforcement action is being met
(04) Complaint – Complaint
(05) Pre-requirement
(06) Miscellaneous
(07) Pretreatment audit (Every 5 years)
(08) Pretreatment compliance (Yearly except audit year)

(Type) — If this is an EPA inspection not mentioned above, please note type (e.g., biomonitoring, performance audit, diagnostic, etc.)

No	Were potential violations noted during this inspection? (Yes/No/Pending Sample Results)
No	Was this a quality assurance-based inspection?
No	Were bioassay samples collected?
No	Were water quality samples collected?

INSPECTION SUMMARY

The overall facility rating, on a 1 (unreliable) to 5 (reliable) scale, was determined to be 4 = Reliable. The EWMP was fully implemented at the facility. Good housekeeping was demonstrated. All berms were well constructed and maintained in accordance with permit requirements.

EWMP was certified by the facility's engineer/consultant on 6/30/2005.

The EWMP appeared to be fully implemented at this facility.

Facility Housekeeping: Good housekeeping was evident throughout the facility. The commodities were stored in an organized fashion (Photo 13). The corrals had recently been cleaned (Photo 7).

The facility did not have wastewater containment structures OR all wastewater containment structures were dry at the time of the inspection.

Additional information regarding facility conditions, Engineered Waste Management Plan (EWMP) implementation issues, or potential violations can be found on subsequent pages of this report.

INSPECTORS DATA
INITIALS AT SIGNATURE _____ DATE 1/30/2009

For Internal Use: Reviewed By: (1) _____ (2) _____ (3) _____

CIWQS Data Entry Date: 2/N 5/13/09 ID# 1695729 Regional Board File Number: _____
NO VIOL NO

IMK
01/28/09

Annual Report of Animal Waste Discharge

Santa Ana Regional Water Quality Control Board
3737 Main Street, Suite 500
Riverside, CA 92501-3348
(951) 782-4130

Reporting Period: January 1, 2008 to December 31, 2008
Report Due Date: **Thursday, January 15, 2009**

Facility Information (Please make corrections directly on this form.)	
Operator's Name	Charlie Taderna
Facility Name	Taderna Cattle Co.
Facility Address	15080 Archibald Avenue, Ontario
Mailing Address	8176 Grapevine Street, Corona, CA 92880
Telephone Number	909/597-1787

Does the information provided apply only to the facility address indicated above? ☒ Yes ☐ No
If No, please provide the name and address of the other facilities in the Comments section of this report.
Note: Submit a separate report for each of your facilities including dry cow, heifer, and calf ranches.

Animal Population		**Manure Information**	
		Units used below	☒ tons ☐ cubic yards
No. Milking Cows	1438	Amount of manure spread on cropland at the facility:	0
No. Dry Cows	209		
No. Heifers	1133	Amount of manure hauled away from your facility: (Please provide copies of all Manure Tracking Manifests showing the hauler name and the destination of the manure.)	9394.25
No. Calves			
Others		Amount of manure produced in 2008 that is stockpiled on site as of 12/31/08:	0

Were the production factors provided below used to estimate your manure information? ☐ Yes ☐ No

1 Milking cow produces approximately 4.1 tons per year of manure.
1 Heifer produces approximately 1.5 tons per year of manure.
1 ton of corral manure equals 2.32 cubic yards.

1 Dry cow produces approximately 4.1 tons per year of manure.
1 Calf produces approximately 0.6 tons per year of manure.
1 cubic yard of corral manure equals 0.43 tons.

FACILITY INSPECTION REPORT

OFFICE NO:
INSPECTOR(S): Amanda Turner (TI) — PCA Signed Track No:

8365871001	Charlie Tadema	Tadema Cattle Co.
WDID NUMBER	OWNER NAME	FACILITY NAME
CAD019001	8175 Grapevin Street	15080 Archibald Avenue
NPDES NUMBER	OWNER ADDRESS	FACILITY ADDRESS
	Corona, CA 92880	Ontario, CA
	OWNER CITY AND STATE	FACILITY CITY AND STATE
	Charlie Tadema	Charlie Tadema FATHER
SCHED. INSP. DATE	OWNER CONTACT	FACILITY CONTACT CELL
11/28/2007	(909) 597-1787	(909) 597-1787 7602357190
ACTUAL INSP. DATE	OWNER PHONE NO.	FACILITY PHONE NO.
	FACILITY LATITUDE: 33.98133	FACILITY LONGITUDE: -117.593477

Sent GLENN CELL 951-712-8095

INSPECTION TYPE (check one)

- (A1) "A" type compliance -- (EPA Type S)
- ✔ (B1) "B" type compliance -- (EPA Type C)
- (02) Non-compliance follow-up - Correction of a previously identified violation
- (03) Enforcement follow-up - Enforcement action is being met
- (04) Complaint - Complaint
- (05) Pre-requirement
- (06) Miscellaneous
- (07) Pretreatment audit (Every 5 years)
- (08) Pretreatment compliance (Yearly except audit year)

Received MAR 2008 CRWQCB

(Type) — If this is an EPA inspection not mentioned above, please note type (e.g., biomonitoring, performance audit, diagnostic, etc.)

Yes	Were potential violations noted during this inspection? (Yes/No/Pending Sample Results)
No	Was this a quality assurance-based inspection?
No	Were bioassay samples collected?
No	Were water quality samples collected?

INSPECTION SUMMARY

The overall facility rating, on a 1 (unreliable) to 5 (reliable) scale, was determined to be 2 = Marginal. The facility did not have a certified EWMP. Potential to discharge from the disposal field via the west property boundary was noted.

The EWMP had not been certified at the time of inspection, or certification status was not determined.

The EWMP appeared to be fully implemented at this facility.

Facility Housekeeping: The corrals had been recently cleaned. The manure was stockpiled to dry (Photo 2) prior to off loading. Runoff from the manure piles was observed to be pooling nearby (Photo 5). The discharger stated that it was rare for the manure to be stockpiled for more than 180 days.

Freeboard in fullest lagoon was estimated to be 1 feet.

Additional information regarding facility conditions, Engineered Waste Management Plan (EWMP) implementation issues, or potential violations can be found on subsequent pages of this report.

INSPECTORS DATA:
INITIALS _____ SIGNATURE Amanda Turner DATE 3/24/2008

For Internal Use: Reviewed By: (1) _____ (2) _____ (3) _____
CIWQS Data Entry Date: Entr 04/10/08 Regional Board File Number: _____

4/2/08 (MW) Dr ADVISED CALL NO BACK
9/3/08 I spoke to Glenn (Son + Foreman) - Markers are done. Water discharge was Dairy wash water from high S.H. weeds the week of inspection. I requested him to maintain at least 1 foot of freeboard.

OFFICE NO:

FACILITY INSPECTION REPORT

INSPECTOR(S): Amanda Turner (TI)

PCA System Task No

EPA SUGGESTED INSPECTION CHECKLIST

✔ Permit	Flow Measurement	Pretreatment	✔ Operations Maintenance
✔ Records/Reports	Laboratories	Compliance Schedules	Sludge Disposal
✔ Facility Site Review	Eff/Receiving Waters	Self Monitoring	Other

POTENTIAL VIOLATIONS (IF APPLICABLE)

- *The discharger had not submitted a certification from the engineer or other qualified individual who prepared the EWMP stating that the facility had been constructed as specified in the EWMP.*
- *The discharger did not maintain containment structures to retain all wastewater within the facility.*
- *A marker was not placed within each pond or impoundment to indicate the minimum capacity necessary to contain the runoff and direct precipitation of the 25-year, 24-hour rainfall event.*
- *The discharger has not provided the recipient of the manure, litter or process wastewater with the most current nutrient analysis.*
- *All containment structures, including, but not limited to, ponds, berms, and wastewater distribution lines, were not inspected or inspections were not documented at least once each week.*

DATE OF POTENTIAL VIOLATION: 11/28/2007

DATE OF POTENTIAL VIOLATION DETERMINATION: 11/28/2007

DESCRIPTION (200 character limit):

See Additional Comments and the discussions of housekeeping and containment structures for further details.

INSPECTION OBSERVATIONS

ANIMALS ON SITE DURING INSPECTION

Milk Cows:	1,400	Dry Cows:	180	Heifers:	1,000
Calves:	20	Other:			

- Containment pond depth markers were not in place as required by the Permit. The discharger was made of aware of the new requirement.
- Mortalities were disposed of in accordance with Permit requirements. The facility uses Stiles (renderer) as needed.
- The Discharger has not been documenting weekly containment pond inspections as required by the Permit. The discharger was made aware of the new requirement.
- Manure tracking manifests were available for all manure hauling events.
- The Discharger did not provide manure recipients with the most current nutrient analysis.
- The Discharger had 5 years worth of all required records and reports available for review.

ADDITIONAL COMMENTS, SPECIAL INSTRUCTIONS, ITEMS FOR FOLLOW UP ON FUTURE INSPECTIONS, NOTES, ETC.

The Tadema Cattle Company comprises 45-acres, including the disposal field, corrals, lagoon and the milking barn. This dairy is considered a Large CAFO based on the number of milking and dry cows present, as well as the total number of heifers on site. Charlie Tadema met the inspector and accompanied her on the site walk.

Wash water and storm water from the corrals gravity flows into the holding pond (Photos 1 and 3). Water can than be directed to the disposal field (Photos 4 and 11) and settle in the catch basin. The berm around the northwest portion of the basin did not appear adequate to retain all of the wastewater gravity flowing from the barn. Water marks were observed extending over the berm onto the neighboring property (indicating a previous discharge), but no discharge was occurring at the time of the inspection. Freeboard at this point was about 6 inches, a violation of current permit requirements and a risk of discharge (Photos 8 and 9).

Annual Report of Animal Waste Discharge

Santa Ana Regional Water Quality Control Board
3737 Main Street, Suite 500
Riverside, CA 92501-3348
(951) 782-4130

JAN 17 2008

Reporting Period: January 1, 2007 to December 31, 2007
Report Due Date: **Monday, January 15, 2008**

Facility Information (Please make corrections directly on this form.)	
Operator's Name:	Charlie Taderna
Facility Name:	Taderna Cattle Co.
Facility Address:	15090 Archibald Avenue, Ontario
Mailing Address:	8176 Grapevine Street, Corona, CA 92880
Telephone Number:	909/597-1787

Does the information provided apply only to the facility address indicated above? ☒ Yes ☐ No
If **No**, please provide the name and address of the other facilities in the Comments section of this report.
Note: Submit a separate report for each of your facilities including dry cow, heifer, and calf ranches.

Animal Population		Manure Information	
		Units used below:	☒ tons ☐ cubic yards
No. Milking Cows	1412	Amount of manure spread on cropland at the facility:	0
No. Dry Cows	173		
No. Heifers	1182	Amount of manure hauled away from your facility: (Please provide copies of all Manure Tracking Manifests showing the hauler name and the destination of the manure.)	97706
No. Calves			
Others		Amount of manure produced in 2007 that is stockpiled on site as of 12/31/07:	0

Were the production factors provided below used to estimate your manure information? ☐ Yes ☐ No

1 Milking cow produces approximately 4.1 tons per year of manure.
1 Heifer produces approximately 1.5 tons per year of manure.
1 ton of corral manure equals 2.32 cubic yards.
1 Dry cow produces approximately 4.1 tons per year of manure.
1 Calf produces approximately 0.6 tons per year of manure.
1 cubic yard of corral manure equals 0.43 tons.

Annual Report of Animal Waste Discharge

Santa Ana Regional Water Quality Control Board
3737 Main Street, Suite 500
Riverside, CA 92501-3348
(951) 782-4130

Reporting Period: January 1, 2006 to December 31, 2006
Report Due Date: **Monday, January 15, 2007**

Facility Information (Please make corrections directly on this form.)	
Operator's Name	Charlie Tadema
Facility Name	Tadema Cattle Co
Facility Address	16090 Archibald Avenue, Chino
Mailing Address	9178 Grapevine Street, Corona, CA 92880
Telephone Number	909/597-1787

KF actual 1/16/07

Does the information provided apply only to the facility address indicated above? ☒ Yes ☐ No

If **No**, please provide the name and address of the other facilities in the Comments section of this report.

Note: Submit a separate report for each of your facilities including dry cow, heifer, and calf ranches.

Animal Population		**Manure Information**	
		Units used below	☒ tons ☐ cubic yards
No. Milking Cows	1390	Amount of manure spread on cropland at the facility:	0
No. Dry Cows	224		
No. Heifers	922	Amount of manure hauled away from your facility: (Please provide copies of all Manure Tracking Manifests showing the hauler name and the destination of the manure.)	10,380
No. Calves			
Others		Amount of manure produced in 2006 that is stockpiled on site as of 12/31/06:	0

Were the production factors provided below used to estimate your manure information? ☐ Yes ☒ No

1 Milking cow produces approximately 4.1 tons per year of manure.
1 Heifer produces approximately 1.5 tons per year of manure.
1 ton of corral manure equals 2.32 cubic yards.

1 Dry cow produces approximately 4.1 tons per year of manure.
1 Calf produces approximately 0.6 tons per year of manure.
1 cubic yard of corral manure equals 0.43 tons.

JAN. 2006 –
TADEMA, CHARLIE
dba TADEMA CATTLE CO
15090 ARCHIBALD AVE. CHINO
ORD 99-11 CA# 33003

Annual Report of Animal Waste Discharge

Santa Ana Regional Water Quality Control Board
3737 Main Street, Suite 500
Riverside, CA 92501-3348
(951) 782-4130

Reporting Period: January 1, 2005 to December 31, 2005
Report Due Date: **Sunday, January 15, 2006**

Facility Information (Please make corrections directly on this form.)
Operator's Name Charlie Tadema
Facility Name Tadema Cattle Co.
Facility Address 15090 Archibald Avenue, Chino
Mailing Address 8176 Grapewin Street, Corona, CA 92880
Telephone Number 909/597-1787

Does the information provided apply only to the facility address indicated above? ☒ Yes ☐ No

If **No**, please provide the name and address of the other facilities in the Comments section of this report.

Note: Submit a separate report for each of your facilities including dry cow, heifer, and calf ranches.

Animal Population		**Manure Information**	
		Units used below: ☒ tons ☐ cubic yards	
No. Milking Cows	1397	Amount of manure spread on cropland at the facility:	0
No. Dry Cows	243		
No. Heifers	1007	Amount of manure hauled away from your facility: (Please provide copies of all Manure Tracking Manifests showing the hauler name and the destination of the manure.)	12,015
No. Calves			
Others		Amount of manure produced in 2005 that is stockpiled on site as of 12/31/05:	0

Were the production factors provided below used to estimate your manure information? ☐ Yes ☒ No

1 Milking cow produces approximately 4.1 tons per year of manure.
1 Heifer produces approximately 1.5 tons per year of manure.
1 ton of corral manure equals 2.32 cubic yards.
1 Dry cow produces approximately 4.1 tons per year of manure.
1 Calf produces approximately 0.5 tons per year of manure.
1 cubic yard of corral manure equals 0.43 tons.

Annual Report of Animal Waste Discharge

Santa Ana Regional Water Quality Control Board
3737 Main Street, Suite 500
Riverside, CA 92501-3348
(951) 782-4130

SDM
[illegible]
2005 JAN 10 PM 3:45

Reporting Period: January 1, 2004 to December 31, 2004
Report Due Date: **Saturday, January 15, 2005**

Facility Information (Please make corrections directly on this form.)
Operator's Name Charlie Tadema
Facility Name Tadema Cattle Co.
Facility Address 15090 Archibald Avenue, Chino
Mailing Address 7145 Edison Avenue, Ontario, CA 91762
Telephone Number 909/597-1787

Does the information provided apply only to the facility address indicated above? ☐ Yes ☐ No

If **No**, please provide the name and address of the other facilities in the Comments section of this report.

Note: Submit a separate report for each of your facilities including dry cow, heifer, and calf ranches.

Animal Population		**Manure Information**	
		Units used below: ☒ tons ☐ cubic yards	
No. Milking Cows	1398	Amount of manure spread on cropland at the facility:	None
No. Dry Cows	219		
No. Heifers	944	Amount of manure hauled away from your facility: (Please provide copies of all Manure Tracking Manifests showing the hauler name and the destination of the manure.)	11,162.7
No. Calves	Ø		
Others	Ø	Amount of manure produced in 2004 that is stockpiled on site as of 12/31/04:	Ø

Were the production factors provided below used to estimate your manure information? ☐ Yes ☒ No

1 Milking cow produces approximately 4.1 tons per year of manure.
1 Heifer produces approximately 1.5 tons per year of manure.
1 ton of corral manure equals 2.32 cubic yards.

1 Dry cow produces approximately 4.1 tons per year of manure.
1 Calf produces approximately 0.6 tons per year of manure.
1 cubic yard of corral manure equals 0.43 tons.

FACILITIES INSPECTION REPORT

OFFICE NO.		PCA System Task No:
INSPECTOR(S): Steve Hruby (TI)		
8 365871001	CHARLIE TADEMA CATTLE, INC	CHARLIE TADEMA CATTLE, INC
WDS NUMBER	OWNER NAME	FACILITY NAME
CAG018001	6176 GRAPEWIN AVENUE	15080 ARCHIBALD AVENUE
NPDES NUMBER	OWNER ADDRESS	FACILITY ADDRESS
	CORONA, CA 91710	CHINO, CA 91710
SCHED. INSP. DATE	OWNER CITY AND STATE	FACILITY CITY AND STATE
8/9/2004	CHARLIE TADEMA (OWNER)	GLEN TADEMA (OWNER/OPERATOR)
ACTUAL INSP. DATE	OWNER CONTACT	FACILITY CONTACT
	(909) 597-1787	(909) 597-1787
Inspection ID 206130	OWNER PHONE NO.	FACILITY PHONE NO.
Place ID 203795	FACILITY LATITUDE: 33.98181795	FACILITY LONGITUDE: -117.5971789

INSPECTION TYPE (check one)

- ☐ (A1) "A" type compliance – (EPA Type S)
- ☑ (B1) "B" type compliance – (EPA Type C)
- ☐ (02) Noncompliance follow-up - Correction of a previously identified violation
- ☐ (03) Enforcement follow-up – Enforcement action is being met
- ☐ (04) Complaint - Complaint
- ☐ (05) Pre-requirement
- ☐ (06) Miscellaneous
- ☐ (07) Pretreatment audit (Every 5 years)
- ☐ (08) Pretreatment compliance (Yearly except audit year)

Dairy (Type) — If this is an EPA inspection not mentioned above, please note type (e.g. biomonitoring, performance audit, diagnostic etc.)

No	Were VIOLATIONS noted during this inspection? (Yes/No/Pending Sample Results)
No	Was this a quality assurance-based inspection?
No	Were bioassay samples collected?

INSPECTION SUMMARY (REQUIRED)

The overall facility rating, on a 1 (unreliable) to 5 (reliable) scale, was determined to be 5 = Very Reliable.

EWMP was certified by the facility's engineer/consultant on 9/17/2003.

The EWMP appeared to be fully implemented at this facility.

Facility Housekeeping: General housekeeping was excellent at the time of the site inspection. The corrals were well manicured. According to the facility representative, the corrals are constantly being cleaned and manure is hauled offsite at least twice per year. Storm water conveyances are generally lined with concrete and were free of debris (Photo 2).

Freeboard in fullest lagoon was estimated to be 12 feet.

Additional information regarding facility conditions, EWMP implementation issues, or other significant violations can be found on subsequent pages of this report.

INSPECTORS DATA:

INITIALS SH SIGNATURE _____ DATE 8/9/2004

For Internal Use: Reviewed By: (1) SDM 8/2/04 (2) _____ (3) _____

SWIM Data Entry Date: 10/5/07 Regional Board File Number: _____

CIWQS

Annual Report of Animal Waste Discharge

Santa Ana Regional Water Quality Control Board
3737 Main Street, Suite 500
Riverside, CA 92501-3348
(909) 782-4130

Reporting Period: January 1, 2003 to December 31, 2003
Report Due Date: **Thursday, January 15, 2004**

Facility Information (Please make corrections directly on this form.)
Operator's Name Charlie Taderna
Facility Name Charlie Taderna Calfs
Facility Address 15090 Archibald Avenue, Chino
Mailing Address 8176 Grapevine Street, Corona, CA 92880
Telephone Number 909/597-1787

Does the information provided apply only to the facility address indicated above? ☑ Yes ☐ No

If No, please provide the name and address of the other facilities in the Comments section of this report.

Note: Submit a separate report for each of your facilities including dry cow, heifer, and calf ranches.

Animal Population		**Manure Information**	
		Units used below: ☑ tons ☐ cubic yards	
No. Milking Cows	440	Amount of manure spread on cropland at the facility:	0 TONS
No. Dry Cows	250		
No. Heifers	1000	Amount of manure hauled away from your facility: (Please provide copies of all Manure Tracking Manifests showing the hauler name and the destination of the manure.)	10,155.96
No. Calves	0		
Others	0	Amount of manure produced in 2003 and stockpiled on site as of 12/31/03:	0 TONS

Were the production factors provided below used to estimate your manure information? ☐ Yes ☑ No

1 Milking cow produces approximately 4.1 tons per year of manure.

1 Heifer produces approximately 1.5 tons per year of manure.

1 Calf produces approximately 0.6 tons per year of manure.

1 Dry cow produces approximately 4.1 tons per year of manure.

1 ton of corral manure equals 2.32 cubic yards.

1 cubic yard of corral manure equals 0.43 tons.

California Regional Water Quality Control Board

Santa Ana Region

June 3, 2003

Mr. Charlie Tadema
Charlie Tadema Cattle, Inc.
5170 Grapevine Avenue
Corona, CA 92880

ACCEPTANCE OF ENGINEERED WASTE MANAGEMENT PLAN FOR CHARLIE TADEMA CATTLE, LOCATED AT 15090 ARCHIBALD AVE., CHINO

Dear Mr. Tadema:

In accordance with Cease and Desist Order No. 99-65, you were required to submit a draft Engineered Waste Management Plan (EWMP) for your facility by June 1, 2002. On July 31, 2002, Board staff received a draft EWMP for your facility. In a letter dated August 19, 2002, Board staff provided comments on the draft EWMP. Board staff received your final EWMP, with responses to comments, on January 9, 2003. Regional Board staff subsequently requested the completion of further revisions to the plan to adequately address unresolved site issues. Based on Board staff's review of the final EWMP submittal dated April 17, 2003, I find that the final EWMP is acceptable.

As required by Cease and Desist Order No. 99-65, you have 120 days from the date of my acceptance of your EWMP in which to fully implement the plan and submit a certification from your engineer that all facilities have been constructed as specified in the EWMP. Therefore, your EWMP must be fully implemented by October 1, 2003. By October 8, 2003, please submit a letter certifying that the EWMP was fully implemented.

This EWMP is being accepted, in part, because staff has determined that the design has maximized the amount of wastewater that can be contained and the operation and management plan optimizes utilization of the containment capacity provided by the containment structures. However, please be aware that acceptance of this EWMP does not relieve you of responsibility for any discharges that are not allowed by Order No. 99-11. Wastewater that is discharged off the facility, even after implementing an acceptable EWMP, is still a violation of Order No. 99-11, unless the discharge occurred as a result of a chronic or catastrophic storm event[1].

[1] See Order No. 99-11 for definition of chronic and catastrophic storm event.

If you have any questions, I would encourage you to contact Stephen D. Maiville, Chief of the Dairy Unit, at (909) 782-4992, or Edward Kashak, the staff person responsible for your facility, at (909) 782-3292.

Sincerely,

Gerard J. Thibeault
Executive Officer

cc: John Borges, Western United Dairymen
Bob Feenstra, Milk Producers Council
Matt J. Stiefel, P.E.
Lawyers for Clean Water
Orange County Coast Keeper
David Beckman, Natural Resources Defense Council
Min-Lee Cheng, West Valley Mosquito & Vector Control District
Northwest Mosquito & Vector Control District

Annual Report of Animal Waste Discharge

Santa Ana Regional Water Quality Control Board
3737 Main Street, Suite 500
Riverside, CA 92501-3348
(909) 782-4130

Reporting Period: January 1, 2001 to December 31, 2001
Report Due Date: **Tuesday, January 15, 2002**

Facility Information (Please make corrections directly on this form.)	
Operator's Name	Gerben Hettinga
Facility Name	Archibald Dairy
Facility Address	15090 Archibald Ave (P)
Mailing Address	17044 Cucamonga Ave, Corona 92880
Telephone Number	909 393-3078

Does the information provided apply only to the facility address indicated above? ☒ Yes ☐ No

If No, please provide the name and address of the other facilities in the Comments section of this report.

Animal Population		Manure Information	
		Units used below: ☒ tons ☐ cubic yards	
No. Milking Cows		Amount of manure spread on cropland at the facility:	
No. Dry Cows			
No. Heifers		Amount of manure hauled away from your facility: (Please provide copies of all Manure Tracking Manifests showing the hauler name and the destination of the manure.)	2528
No. Calves			
Others		Amount of manure, produced in 2000, stockpiled on site as of 12/31/01:	

Were the production factors provided below used to estimate your manure information? ☒ Yes ☐ No

1 Milking cow produces approximately 4.1 tons per year of manure

1 Heifer produces approximately 1.5 tons per year of manure

1 Calf produces approximately 0.6 tons per year of manure

1 Dry cow produces approximately 4.1 tons per year of manure

1 ton of corral manure equals 2.32 cubic yards

1 cubic yard of corral manure equals 0.43 tons

MATT J. STIEFEL, P.E.
Consulting Engineer, R.C.E. 61676
400 Memphis Court
Hemet, CA 92545
Phone: (909)925-8788
Fax: (909)925-5614
mjstiefel@hotmail.com

September 17, 2003

Charlie Tadema Cattle, Inc.
8176 Grapewin Avenue
Corona, CA 91710

Re: **ENGINEERED WASTE MANAGEMENT PLAN**
Certification of Implementation
Charlie Tadema Cattle Facility
15090 Archibald Avenue
Chino, CA

In response to the letter issued by the California Regional Water Quality Control Board dated June 3, 2003, I have inspected the above referenced facility in order to certify full implementation of the Engineered Waste Management Plan dated January 8, 2003 prepared for that facility. A visit was made to the facility on September 3, 2003 for this purpose.

At the time of my visit, the EWMP had been fully implemented as required by CRWQCB. This includes the construction of the overflow spillway near the southeast corner of the property. All aspects of the wastewater system should continue to be inspected and maintained in accordance with the EWMP.

I appreciate this opportunity to be of service to you. Please call if you have any questions.

Respectfully,

Matt Stiefel, P.E.
R.C.E. 61676

REGISTERED PROFESSIONAL ENGINEER
MATT J. STIEFEL
NO. 61676
Exp. 6-30-05
CIVIL
STATE OF CALIFORNIA

Distribution: Addressee – 1
CRWQCB – 1

Annual Report of Animal Waste Discharge

Santa Ana Regional Water Quality Control Board
3737 Main Street, Suite 500
Riverside, CA 92501-3348
(909) 782-4130

Reporting Period: January 1, 2002 to December 31, 2002
Report Due Date: **Monday, January 15, 2003**

Facility Information (Please make corrections directly on this form.)	
Operator's Name Charlie Tadema	✓
Facility Name Charlie Tadema Cattle	✓
Facility Address 15090 Archibald Avenue, Chino	✓
Mailing Address 8178 Grapevine Street, Corona, CA 92880	✓
Telephone Number ~~(909) 782-7962~~ 909.735.9435	✓

Does the information provided apply only to the facility address indicated above? ☒ Yes ☐ No

If No, please provide the name and address of the other facilities in the Comments section of this report.

Note: Submit a separate report for each of your facilities including dry cow, heifer, and calf ranches.

Animal Population		**Manure Information**	
		Units used below: ☒ tons ☐ cubic yards	
No. Milking Cows	1500	Amount of manure spread on cropland at the facility:	0
No. Dry Cows	300		
No. Heifers	1000	Amount of manure hauled away from your facility: (Please provide copies of all Manure Tracking Manifests showing the hauler name and the destination of the manure.)	7050.995
No. Calves	0		
Others	0	Amount of manure produced in 2002 and stockpiled on site as of 12/31/02:	500 TON

Were the production factors provided below used to estimate your manure information? ☐ Yes ☒ No

1 Milking cow produces approximately 4.1 tons per year of manure.

1 Heifer produces approximately 1.5 tons per year of manure.

1 Calf produces approximately 0.6 tons per year of manure.

1 Dry cow produces approximately 4.1 tons per year of manure.

1 ton of corral manure equals 2.32 cubic yards.

1 cubic yard of corral manure equals 0.43 tons.

California Regional Water Quality Control Board
Santa Ana Region

December 9, 2002

Certified Mail
Return Receipt Requested

Charlie Tadema
Charlie Tadema Cattle, Inc.
8176 Grapewin Avenue
Corona, CA 92880

FAILURE TO SUBMIT REVISED ENGINEERED WASTE MANAGEMENT PLAN (EWMP) FOR FACILITY AT 15890 ARCHIBALD AVENUE, CHINO

Dear Mr. Tadema:

On August 19, 2002, Regional Board staff sent you and Matt Snefel, who prepared your EWMP, a letter with comments on your draft EWMP (see the enclosed letter). This letter requested you to submit a revised EWMP within 90 days (i.e. by November 17, 2002). The Regional Board has not yet received your revised EWMP.

In accordance with Cease and Desist Order No. 99-65, the final EWMP shall be submitted to the Regional Board within 90 days of transmittal of Regional Board staff's comments on the draft document. Failure to submit your final EWMP within 90 days is a violation of Cease and Desist Order No. 99-65. Therefore, please submit your final EWMP, addressing the comments in the August 19, 2002 letter, no later than January 9, 2003, to avoid consideration for the imposition of penalties. A violation of Cease and Desist Order No. 99-65 could subject you to the imposition of administrative civil liability penalties in accordance with California Water Code, Section 13385 in an amount up to $10,000 per day for each day of violation.

If you have any questions, please do not hesitate to call Adam Fischer at (909) 320-6363 or myself at (909) 782-4992.

Sincerely,

Stephen D Mayville

Stephen D. Mayville, RCE
Chief, Dairy Unit

Enclosure: Letter dated August 19, 2002

cc w/o enclosure: John Borges, Western United Dairymen
Bob Feenstra, Milk Producers Council
David Beckman, NRDC
Lawyers for Clean Water
Orange County Coast Keeper

APF/nov/tadema-

OFFICE NO. 5
INSPECTOR: APP

FILTHIS INSPECTION REPORT

[illegible]

936-5[illegible]	Charles Tadina	Charles Tadina Smith Inc
CAD [illegible]	8176 Grapevine Street	10070 Archibald Avenue
[illegible]	Cotton CA	Chino CA
8/1/02		(909) 599-1787

INSPECTION TYPE (Check One)

- ☐ (A) "A" type compliance – Comprehensive inspection in which samples are taken. (EPA Type B)
- ☒ (B) "B" type compliance – A routine nonsampling inspection. (EPA type C)
- ☐ (C) Noncompliance follow-up – Inspection made to verify correction of a previously identified violation.
- ☐ (D) Enforcement follow-up – Inspection made to verify that violations of an enforcement action are being met.
- ☐ (E) Complaint – Inspection made in response to a complaint.
- ☐ (F) Pre-requirement – Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.
- ☐ (G) Miscellaneous – Any inspection type not mentioned above.

Type

If this is an EPA inspection not mentioned above, please note type: (e.g. – biomonitoring, performance audit, diagnostic, etc.)

N Were VIOLATIONS noted during this inspection? (Yes/No/ Pending Sample Results)

N Was this a Quality Assurance-Based Inspection? (Y/ N)

N Were bioassay samples taken? (N=No) If YES, then S=Static or F=Flowthrough

INSPECTION SUMMARY (REQUIRED) (100 character limit)

S-central pit is empty + dry. N-central drainage inlet is clear. Field is mostly dry - no significant standing water. Manure stockpile is located E of pit.

INSPECTOR'S DATA
INITIALS: [illegible] SIGNATURE: [signature] DATE: 8/5/02

For Internal Use Reviewed By: (1) _____ (2) _____ (3) _____
Reg. MRS Coordinator

MRS Data Entry Date: [illegible] 8/5/02 Regional Board File Number: _____

MATT J. STIEFEL, P.E.
Consulting Engineer, R.C.E. 61678

400 Memphis Court
Hemet, CA 92545
Phone: (909)925-8788
Fax: (909)925-5614
mjstiefel@hotmail.com

July 15, 2002

FACSIMILE TRANSMITTAL

Stephen D. Mayville, RCE
Senior Water Resources Control Engineer
Dairy Unit Chief
Fax: (909) 781-6288
No. of Pages: 2

Re: DRAFT EWMP FOR FACILITY AT 15090 ARCHIBALD AVENUE, CHINO

Dear Mr. Mayville,

This letter is in response to your letter dated July 3, 2002 addressed to Mr. Charlie Tadema. I am currently preparing the Engineered Waste Management Plan for his facility located at 15090 Archibald Avenue. I realize the draft EWMP is past the deadline and I apologize for any inconvenience this has caused. I anticipate the draft EWMP will be completed by the end of this month. I ask on behalf of Mr. Tadema that you waive the penalties at this time as he had no part in the delay.

Again, I assure you that every effort is being made to complete the EWMP in a timely manner. I look forward to submitting the completed draft shortly.

Respectfully,

Matt Stiefel, RCE

cc: Charlie Tadema, Charlie Tadema Cattle

California Regional Water Quality Control Board

Santa Ana Region

July 3, 2002

Certified Mail
Return Receipt Requested

Mr. Charlie Tadema
Charlie Tadema Cattle
6139 Grayson Street
Chino, CA 91710

FAILURE TO SUBMIT DRAFT ENGINEERED WASTE MANAGEMENT PLAN (EWMP) FOR FACILTY AT 15090 ARCHIBALD AVENUE, CHINO

Dear Mr. Tadema:

Your facility, referenced above, is listed in Attachment "C" to Cease and Desist Order No. 99-65, as amended by Order No. 01-74, and therefore, is subject to the June 1, 2002, deadline for submitting a draft engineered waste management plan (EWMP) to the Regional Board. We have not received the draft EWMP for the referenced facility by the date of this letter. By being delinquent in the submittal of a draft EWMP, you are in violation of Cease and Desist Order No. 99-65. In accordance with California Water Code, Section 13385, persons who violate a cease and desist order may be assessed administrative civil liability penalties in an amount not to exceed $10,000 for each day in which the violation occurs. Therefore, I request that you either submit your EWMP, or submit by July 17, 2002, in writing, an explanation of why the draft EWMP has not been submitted. Please provide the anticipated date that your draft EWMP will be submitted to the Regional Board.

If you have already contracted with an engineer or other qualified person to prepare your EWMP, please consider this letter a reminder that you should maintain communication with that person to verify that your EWMP will be submitted in a timely manner.

If you have any questions relating to this matter, do not hesitate to call any Dairy Unit staff member at (909) 782-4130 or me at (909) 782-4992.

Sincerely,

Stephen D. Mayville

Stephen D. Mayville RCE
Senior Water Resources Control Engineer
Dairy Unit Chief

cc: John Borges, Western United Dairymen
Bob Feenstra, Milk Producers Council
Lawyers for Clean Water
Orange County Coast Keeper
David Beckman, Natural Resources Defense Council

ACT 5919 — SEC 2943

FACILITIES INSPECTION REPORT

CENSUS NO. 4
INSPECTOR: AFF

PCA Expired Task No. 10530

8365871001	Charlie Tadeo	Charlie Tadeo Sattle
CAG 013001	8176 Grapevine St.	15090 Ashfield Av
4/8	Cisco	Chico
	Charlie Tadeo	Charlie - Silver Tadeo
3/4/02	597-1787	1909 597-1787

INSPECTION TYPE (Check One)

- ☐ (A1) "A" type compliance – Comprehensive inspection in which samples are taken. (EPA Type B)
- ☒ (B1) "B" type compliance – A routine nonsampling inspection. (EPA type C)
- ☐ (B2) Noncompliance follow-up – Inspection made to verify correction of a previously identified violation.
- ☐ (C2) Enforcement follow-up – Inspection made to verify that conditions of an enforcement action are being met.
- ☐ (D4) Complaint – Inspection made in response to a complaint.
- ☐ (D5) Pre-requirement – Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.
- ☐ (D6) Miscellaneous – Any inspection type not mentioned above.

_____ (Type) If this is an EPA inspection not mentioned above, please note type. (e.g. – submonitoring, performance audit, diagnostic, etc.)

- N Were VIOLATIONS noted during this inspection? (Yes/No/ Pending Sample Results)
- N Was this a Quality Assurance-Based Inspection? (Y/ N)
- N Were bioassay samples taken? (N=No) If YES, then S=Static or F=Flowthrough.

INSPECTION SUMMARY (REQUIRED) (100 character limit)

Mat of Silver Tadeo Disposal field has been leveled & disked w/ 1-2' perimeter dikes. S. central pit has 4-5' freeboard. Significant measure stockpile (several hundred cy) next to pit.

INSPECTOR'S DATA
INITIALS: [signature] SIGNATURE: [signature] DATE: 3/4/02

For Internal Use: Reviewed By: (1) _____ (2) _____ (3) _____
Reg. WEB Coordinator

Annual Report of Animal Waste Discharge

Santa Ana Regional Water Quality Control Board
8737 Main Street, Suite 200
Riverside, CA 92501-1048
(909) 782-4130

Reporting Period: January 1, 2001 to December 31, 2001
Report Due Date: **Tuesday, January 15, 2002**

Facility Information (Please make corrections directly on this form.)	
Operator's Name	Charlie Tadema
Facility Name	Charlie Tadema Cattle
Facility Address	15000 Archibald Avenue
Mailing Address	8170 Grapevine Street, Corona
Telephone Number	909/597-1757

Does the information provided apply only to the facility address indicated above? ☒ Yes ☐ No

If No, please provide the name and address of the other facilities in the Comments section of this report.

Animal Population		**Manure Information**	
		Units used below: ☒ tons ☐ cubic yards	
No. Milking Cows	1100	Amount of manure spread on cropland at the facility	0
No. Dry Cows	300		
No. Heifers	200	Amount of manure hauled away from your facility: (Please provide copies of all Manure Tracking Manifests showing the hauler name and the destination of the manure.)	14,140.25 ton
No. Calves			
Others		Amount of manure, produced in 2000, stockpiled on site as of 12/31/01:	0

Were the production factors provided below used to estimate your manure information? ☐ Yes ☒ No

1 Milking cow produces approximately 4.1 tons per year of manure.

1 Heifer produces approximately 1.5 tons per year of manure.

1 Calf produces approximately 0.6 tons per year of manure.

1 Dry cow produces approximately 4.1 tons per year of manure.

1 ton of corral manure equals 2.32 cubic yards.

1 cubic yard of corral manure equals 0.43 tons.

Last Revised: 11/01

Annual Report of Animal Waste Discharge

Santa Ana Regional Water Quality Control Board
3737 Main Street, Suite 500
Riverside, CA 92501-3348
(909) 782-4130

Reporting Period: January 1, 2001 to December 31, 2001
Report Due Date: **Tuesday, January 15, 2002**

Facility Information (Please make corrections directly on this form.)	
Operator's Name	Charles Taitsma
Facility Name	Charles Taitsma Dairy
Facility Address	16890 Archibald Avenue
Mailing Address	8176 Grapevine Street, Corona
Telephone Number	909/597-1787

Does the information provided apply only to the facility address indicated above? ☒ Yes ☐ No
If No, please provide the name and address of the other facilities in the Comments section of this report.

Animal Population		Manure Information	
		Units used below:	☒ tons ☐ cubic yards
No. Milking Cows	1100	Amount of manure spread on cropland at the facility:	0
No. Dry Cows	300		
No. Heifers	300	Amount of manure hauled away from your facility: (Please provide copies of all Manure Tracking Manifests showing the hauler name and the destination of the manure.)	14,140 25 ton
No. Calves			
Others		Amount of manure, produced in 2000, stockpiled on site as of 12/31/01:	0

Were the production factors provided below used to estimate your manure information? ☐ Yes ☒ No

1 Milking cow produces approximately 4.1 tons per year of manure.
1 Heifer produces approximately 1.5 tons per year of manure.
1 Calf produces approximately 0.6 tons per year of manure.
1 Dry cow produces approximately 4.1 tons per year of manure.
1 ton of corral manure equals 2.32 cubic yards.
1 cubic yard of corral manure equals 0.43 tons.

Winston H. Hickox
Secretary for
Environmental
Protection

California Regional Water Quality Control Board

Santa Ana Region

Internet Address: http://www.swrcb.ca.gov/rwqcb8
3737 Main Street, Suite 500
Riverside, California 92501-3348
Phone (909) 782-4130 • FAX (909) 781-6288

Gray Davis
Governor

June 26, 2001

Hein Hettinga
Hettinga Dairy – Archibald
17094 Cucamonga Avenue
Corona, CA 92880
WDID 8 36S812001

ORDER No. 01-74, AMENDING CEASE AND DESIST ORDER No. 99-65 FOR CONCENTRATED ANIMAL FEEDING OPERATIONS (DAIRIES AND RELATED FACILITIES) IN THE SANTA ANA REGION

Dear Mr. Hettinga:

Enclosed is a copy of a staff report and tentative Order No. 01-74. This tentative order would extend the time schedules for submittal of engineered waste management plans, authorize the Executive Officer to make certain changes to the Attachments to Cease and Desist Order No. 99-65, and approve petitions for time schedule extensions.

Tentative Order No. 01-74 will be considered by the Board at a public hearing at its July 20, 2001 meeting in Corona. Although all comments which are provided up to and during the public hearing on this matter will be considered, receipt of comments by July 3, 2001 would be appreciated so that they can be considered in the formulation of the final draft order that will be transmitted to the Board two weeks prior to the hearing. An Agenda Announcement will be sent to you two weeks prior to the hearing.

If you have any questions, please contact Robert L. Holub at (909) 782-3298, or any staff member in the Board's Dairy Unit.

Sincerely,

Gerard J. Thibeault
Executive Officer

Enclosure: Staff Report
Tentative Order No. 01-74

cc list: see attachment

APP/Draft Orders/99-65 Amendment

FACILITIES INSPECTION REPORT

OFFICE NO: 5

INSPECTOR: Ed Koch

4 3S/8E/28H
WDID NUMBER

CA0108081
STATE NUMBER

0101R1
CI / ORDER TYPE / NONE / REPEAT / DAY

HETTINGA, HEDY
NAME OF AGENCY OR PARTY RESPONSIBLE FOR DISCHARGE

6381 WINTVILLE
AGENCY STREET

SHASTA LAKE, CA 96132
AGENCY CITY AND STATE

HEDY HETTINGA
AGENCY CONTACT PERSON

4-16-01
ACTUAL INSPECTION DATE

AGENCY PHONE NO.

HETTINGA DAIRY - ARCHIBALD
NAME OF FACILITY

13890 ARCHIBALD AVE.
FACILITY STREET

CHINO, CA 91710
FACILITY CITY AND STATE

HEDY HETTINGA
FACILITY CONTACT PERSON

FACILITY PHONE NO.

INSPECTION TYPE (Check One)

(A1) "A" type compliance -- Comprehensive inspection in which samples are taken. (EPA Type S)

(B1) "B" type compliance -- A routine sweatspring inspection. (EPA Type C)

(02) Noncompliance follow-up -- Inspection made to verify correction of a previously identified violation.

(03) Enforcement follow-up -- Inspection made to verify that conditions of an enforcement action are being met.

(04) Complaint -- Inspection made in response to a complaint.

(05) Pre-requirement -- Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.

(06) Miscellaneous -- Any inspection type not mentioned above.

(Type)

If this is an EPA inspection not mentioned above, please note type. (e.g. - Harmonizing, performance audit, diagnostic, etc.)

N Were VIOLATIONS noted during this inspection? (Yes/No/Pending Sample Results)

N Was this a Quality Assurance-Based inspection? (Y/N)

N Were bioassay samples taken? (N = No. If YES, then S = Static or F = Flowthrough)

INSPECTION SUMMARY (REQUIRED) (100 character limit)

WK TO POND. MANURE STOCK PILL ± 100 TONS AT SW PART OF DAIRY. GOOD COMPACTED NATIVE SOIL BERMS.

INSPECTOR'S DATA

INITIALS EGK SIGNATURE Edmund Koch DATE 9-24-01

For Internal Use: Reviewed By: (1) (2) (3) Reg. SWIM Coordinator

SWIM Data Entry Date: 5-4-01 Regional Board File Number

Annual Report of Animal Waste Discharge

Santa Ana Regional Water Quality Control Board
3737 Main Street, Suite 500
Riverside, CA 92501-3348
(909) 782-4130

Reporting Period: January 1, 2000 to December 31, 2000
Report Due Date: **Monday, January 15, 2001**

Facility Information (Please make corrections directly on this form.)	
Operator's Name	Hein Hettinga
Facility Name	Hettinga Dairy--Archibald
Facility Address	15080 Archibald Ave., Chino,91710
Mailing Address	17084 Cucamonga Avenue, Corona, CA 92880
Telephone Number	909/597-6924

Does the information provided apply only to the facility address indicated above? ☒ Yes ☐ No
If No, please provide the name and address of the other facilities in the Comments section of this report.
Note: Submit a separate report for each of your facilities including dry cow, heifer, and calf ranches.

Animal Population		**Manure Information**	
		Units used below: ☒ tons ☐ cubic yards	
No. Milking Cows	920	Amount of manure spread on cropland at the facility:	-0-
No. Dry Cows	180		
No. Heifers	-0-	Amount of manure hauled away from your facility: (Please provide copies of all Manure Tracking Manifests showing the hauler name and the destination of the manure.)	4415
No. Calves	-0-		
Others	-0-	Amount of manure, produced in 2000, stockpiled on site as of 12/31/00:	3000

Were the production factors provided below used to estimate your manure information? ☒ Yes ☐ No

1 Milking cow produces approximately 4.1 tons per year of manure.
1 Heifer produces approximately 1.5 tons per year of manure.
1 Calf produces approximately 0.6 tons per year of manure.
1 Dry cow produces approximately 4.1 tons per year of manure.
1 ton of corral manure equals 2.32 cubic yards.
1 cubic yard of corral manure equals 0.43 tons.

California Regional Water Quality Control Board
Santa Ana Region

May 11, 2000

Mr. Henri Hettinga
Hettinga Dairy - Archibald
8481 Wrinkle
Mira Loma, CA 91752
WDID: 8365512001

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

FAILURE TO SUBMIT REPORT ON MANURE STORED AT YOUR FACILITY

On March 9, 2000, I sent you a letter (enclosed) informing you of the requirement to submit a manure stockpile report to the Santa Ana Regional Water Quality Control Board (Regional Board). However, we have not yet received your report. Your failure to submit this report is a violation of Cease and Desist Order (CDO) No. 99-65. **Please note that this is a one-time requirement and that this information is different from the information submitted in your annual reports.**

The requirement to submit this information is contained in CDO No. 99-65, adopted by the Regional Board on August 20, 1999. Originally, the manure stockpile information was due to the Regional Board by January 15, 2000. In my March 9 letter, I requested that the information be submitted by March 21, 2000, and noted that failure to submit the information by that date could result in the issuance of a civil liability complaint assessing monetary penalties. **Please submit the required manure stockpile information by May 18, 2000.** Failure to submit this information is a violation of the California Water Code. If your report is not received by May 18, 2000, I will proceed to issue a civil liability complaint assessing monetary penalties effective from the original January 15, 2000 due-date.

To assist you in submitting the required report, we have enclosed another copy of a Manure Stockpile Report form. In addition to the weight and volume of stockpile manure, the form notes other information required for submittal by Order No. 99-65. If you did not have any stockpiled manure at your facility on December 31, 1999, please only fill out Items 1-4 on the enclosed form.

If you have any questions, please contact any of the following Regional Board staff members: Steve Mayville at (909) 782-4992, Athar Khan at (909) 782-4905, Ed Kashak at (909) 782-3292, Adam Fischer at (909) 320-6363, Marc Doalson at (909) 782-4306, or Bill Rice at (909) 782-4459.

Sincerely,

Gerard J. Thibeault
Executive Officer

enclosure

WBR/C:\data\bill\dairies\Manure Stockpile letter 2.doc

California Regional Water Quality Control Board
Santa Ana Region

March 9, 2000

FAILURE TO SUBMIT REPORT ON MANURE STORED AT YOUR FACILITY

On August 20, 1999, the Santa Ana Regional Water Quality Control Board adopted General Waste Discharge Requirements Order No. 99-11, and Cease and Desist Order No. 99-65 for concentrated animal feeding operations (CAFOs) within the Santa Ana Region. Order No. 99-65 required you to submit a detailed report by January 15, 2000, that, in part, estimated the volume and weight of manure that was present at your facility as of December 31, 1999 (stockpile manure), excluding the manure that was present within the corrals at your site. This estimate was to include all manure (including manure generated in past years) that had accumulated at your facility as of December 31, 1999. We have not yet received your report.

Your failure to provide this information by January 15, 2000 is a violation of Cease and Desist Order No. 99-65. Please submit the manure stockpile information by March 21, 2000. Failure to submit the information by this date may result in the issuance of a civil liability complaint which assesses monetary penalties for not submitting the report, or for submitting the report late.

To assist you in submitting the required report, we have enclosed a Manure Stockpile Report form. In addition to the weight and volume of stockpile manure, the form notes other information required for submittal by Order No. 99-65. Please complete all items on the form. You may use the enclosed form to submit the report or you may submit the report in a different format as long as all required information is provided. If you did not have any stockpile manure at your facility on December 31, 1999, please fill out Items 1-4 on the enclosed form and submit the form to our office by March 21, 2000.

Please note that Order No. 99-65 requires you to remove at least 50% of the stockpile manure by December 31, 2000. Further, you are required to remove all of the stockpile manure by December 31, 2001.

If you have any questions, please contact any of the following Regional Board staff members: Athar Khan at (909)782-4905, Ed Kashak at (909)782-3292, Adam Fischer at (909)782-6363, or Bill Rice at (909)782-4459.

Sincerely,

Gerard J. Thibeault
Executive Officer

Enclosure

cc: *United States Environmental Protection Agency*
Milk Producers Council
Western United Dairymen

WBR/Manure Stockpile letter.doc

Regional Water Quality Control Board
3737 Main Street, Suite 500
Riverside, CA 92501-3339

DUE DATE: JANUARY 15, 2000

ANNUAL REPORT OF ANIMAL WASTE DISCHARGE

Reporting Period: From January 1, 1999 to December 31, 1999
Operator's Name: HETTINGA, HEIN
Facility Name: HETTINGA DAIRY – ARCHIBALD
Facility Address: 15090 ARCHIBALD
Mailing Address: ~~6481 WINEVILLE – MIRA LOMA, CA 91752~~ [illegible]
Telephone Number: Facility [illegible] Business ~~(909)749-0838~~ [illegible]

Please make corrections to the above information directly on this form.

1. **Animal Population** (write in the average number of animals at your facility during 1999)
   Milking Cows 900 Dry Cows 150 Heifers 200 Calves _____
   Others (specify) _____

2. **Manure Information**

   A. Amount of manure spread on disposal land at your facility* _____ tons
   B. Amount of manure spread on cropland at your facility _____ tons
   C. Amount of manure hauled away from your facility** 1267 tons
   D. Amount of manure produced in 1999 that was still stockpiled at your facility as of Dec. 31, 1999 3500 tons

* Between January 1 and August 20 (application of manure to disposal land, including pasture land, was prohibited after August 20, 1999)

** Copies of all Manure Tracking Manifests must be provided which show the hauler's name and the destination of the manure.

---

1 Milking cow produces approx. 4.1 tons/year of manure
1 Heifer produces approx. 1.5 tons/year of manure
1 Calf produces approx. 0.6 tons/year of manure
1 Dry cow produces approx. 4.1 tons/year of manure

(One ton of corral manure = 2.32 cubic yards)
(One cubic yard of corral manure = 0.43 tons)

Regional Water Quality Control Board
3737 Main Street, Suite 500
Riverside, CA 92501-3339

DUE DATE: JANUARY 15, 1999

ANNUAL REPORT OF ANIMAL WASTE DISCHARGE

Reporting Period: January 1, 1998 to December 31, 1998

Operator's Name	HETTINGA, HEIN
Facility Name	HEIN HETTINGA DAIRY
Facility Address	15080 ARCHIBALD AVENUE, ONTARIO
Mailing Address	17094 CUCAMONGA AVENUE, CORONA, CA 91720
Telephone Number	Business: 909-597-8224 Facility:

Please make corrections to the above information directly on this form.

1 ANIMAL POPULATION (Average number of animals during 1998)

Milking cows 220 Dry Cows 220 Heifers 220 Calves 60

Horses 2 Others (specify) _____

2 MANURE INFORMATION

A Amount of manure spread on Disposal land	_____ cu ft	_____ tons
B Amount of manure spread on Cropland	_____ cu ft	_____ tons
C Amount of manure hauled away *	_____ cu ft	795 tons
D Amount of manure stockpiled on Jan 1, 1998	_____ cu ft	_____ tons
E Amount of manure stockpiled on Dec 31, 1998	_____ cu ft	_____ tons

* Copies of all Manure Tracking Manifests must be provided which show the hauler's name and the destination of the manure.

---

1 cow produces approx.	2 tons (180 cubic feet) of dry weight manure/year
1 heifer produces approx.	1 ton (90 cubic feet) of dry weight manure/year
1 calf produces approx.	0.40 tons (36 cubic feet) of dry weight manure/year
1 horse produces approx.	1 ton (90 cubic feet) of dry weight manure/year

Regional Water Quality Control Board
3737 Main Street, Suite 500
Riverside, CA 92501-3339

DATE: JANUARY 15, 1998

ANNUAL REPORT OF ANIMAL WASTE DISCHARGE

Reporting Period: From January 1, 1997 to December 31, 1997
Waste Discharge Requirements, Order No. 94-007
Operator's Name: MELLO, ENOS
Facility Name: GOLDENWEST DAIRIES
Facility Address: 15090 ARCHIBALD
Mailing Address: 15090 ARCHIBALD AVENUE CHINO, CA 91710
Telephone Number: Facility (909) 947-6056 Business (909) 947-6056

Please make corrections to the above information directly on this form.

1. **ANIMAL POPULATION (Average number of animals during 1997)**

Milking Cows 700 Dry Cows 140 Heifers 72 Calves _____

Horses _____ Others (specify) _____

2. **MANURE INFORMATION:**

A. Amount of manure spread on Disposal land	_____ cu ft	1735 tons
B. Amount of manure spread on Cropland	_____ cu ft	_____ tons
C. Amount of manure hauled away*	_____ cu ft	190 tons
D. Amount of manure stockpiled on Jan. 1, 1997	_____ cu ft	None tons
E. Amount of manure stockpiled on Dec. 31, 1997	_____ cu ft	None tons

***Copies of all Manure Tracking Manifests must be provided which show the hauler's name and the destination of the manure.**

---

1 Cow produces approx. 2 tons (180 cubic feet) of dry weight manure/year
1 Heifer produces approx. 1 ton (90 cubic feet) of dry weight manure/year
1 Calf produces approx. 0.40 tons (36 cubic feet) of dry weight manure/year
1 Horse produces approx. 1 ton (90 cubic feet) of dry weight manure/year

OFFICE NO. 8

INSPECTOR: AAK

FACILITIES INSPECTION REPORT

PCA System Task No. 12.1

[illegible]	MELLO, ENOS	GOLDENMENT DAIRIES
[illegible]	[illegible]	[illegible]
[illegible]	CHINO, CA 91710	CHINO, CA 91710
	ENOS MELLO	ENOS MELLO
[illegible]	[illegible]	[illegible]

INSPECTION TYPE (Check One)

- ☑ (A1) "A" type compliance – Comprehensive inspection in which samples are taken. (EPA Typ
- ☐ (B1) "B" type compliance – A routine nonsampling inspection. (EPA type C)
- ☐ (02) Noncompliance follow-up – Inspection made to verify correction of a previously identified violation
- ☐ (03) Enforcement follow-up – prehensive inspection in which samples are taken. (EPA Typ
- ☐ (04) Complaint – Inspection made in response to a complaint.
- ☐ (05) Pre-requirement – Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.
- ☐ (06) Miscellaneous – Any inspection type not mentioned above.

_____ (Type) If this is an EPA inspection not mentioned above, please note type (e.g. – biomonitoring, performance audit, diagnostic, etc.)

- N Were VIOLATIONS noted during this inspection? (Yes/ No/ Pending Sample Results)
- N Was this a Quality Assurance-Based Inspection? (Y/ N)
- N Were bioassay samples taken? (N=No) If YES, then S=Static or F=Flowthrough.

INSPECTION SUMMARY (REQUIRED) (100 character limit)

N/B W/W DISCHARGED TO 2 FACI. PONDS.
ADEQUATE CAPACITY & CONTROLS OB'SD
MANURE PILES IN BACK OB'SD.

INSPECTOR'S DATA:

INITIALS AAK SIGNATURE [signature] DATE 3/28/97

For Internal Use: Reviewed By: (1) [signature] (2) _____ (3) bDS Reg. WDS Coordinator

WDS Data Entry Date 4/4 Regional Board File Number _____

Regional Water Quality Control Board
3737 Main Street, Suite 500
Riverside, CA 92501-3339

DUE DATE: JANUARY 15, 1997

ANNUAL REPORT OF ANIMAL WASTE DISCHARGE

Reporting Period: From January 1, 1996 to December 31, 1996
Waste Discharge Requirements, Order No. 94-007
Operator's Name: MELLO, ENOS
Facility Name: GOLDENWEST DAIRIES
Facility Address: 15090 ARCHIBALD
Mailing Address: 15090 ARCHIBALD AVENUE CHINO, CA 91710
Telephone Number: Facility (909) 947-6058 Business (909) 947-6058

Received

Please make corrections to the above information directly on this form.

1. **ANIMAL POPULATION (Average number of animals during 1996)**
   Milking Cows 930 Dry Cows 140 Heifers 75 Calves _____
   Horses _____ Others (specify) _____

2. **MANURE INFORMATION:**

A. Amount of manure spread on Disposal land	_____ cu ft	_____ tons
B. Amount of manure spread on Cropland	_____ cu ft	_____ tons
C. Amount of manure hauled away*	_____ cu ft	2465 tons
D. Amount of manure stockpiled on Jan. 1, 1996	_____ cu ft	None tons
E. Amount of manure stockpiled on Dec. 31, 1996	_____ cu ft	None tons

***Copies of all Manure Tracking Manifests must be provided which show the hauler's name and the destination of the manure.**

1 Cow produces approx. 2 tons (180 cubic feet) of dry weight manure/year
1 Heifer produces approx. 1 ton (90 cubic feet) of dry weight manure/year
1 Calf produces approx. 0.40 tons (36 cubic feet) of dry weight manure/year
1 Horse produces approx. 1 ton (90 cubic feet) of dry weight manure/year

Regional Water Quality Control Board
3737 Main Street, Suite 500
Riverside, CA 92501-3339

DUE DATE: JANUARY 15, 1997

ANNUAL REPORT OF ANIMAL WASTE DISCHARGE

Reporting Period: From January 1, 1996 to December 31, 1996
Waste Discharge Requirements, Order No. 94-087
Operator's Name: MELLO, ENOS J. Mello, Dan J. Silva, John
Facility Name: GOLDENWEST DAIRIES
Facility Address: 15080 ARCHIBALD
Mailing Address: 15080 ARCHIBALD AVENUE CHINO, CA 91710
Telephone Number: Facility (909) 947-6056 Business (909) 947-6056

Please make corrections to the above information directly on this form.

1. **ANIMAL POPULATION (Average number of animals during 1996)**
   Milking Cows 930 Dry Cows 140 Heifers 75 Calves _____
   Horses _____ Others (specify) _____

2. **MANURE INFORMATION:**

A. Amount of manure spread on Disposal land	_____ cu ft	_____ tons
B. Amount of manure spread on Cropland	_____ cu ft	_____ tons
C. Amount of manure hauled away*	_____ cu ft	2465 tons
D. Amount of manure stockpiled on Jan. 1, 1996	_____ cu ft	None tons
E. Amount of manure stockpiled on Dec. 31, 1996	_____ cu ft	None tons

***Copies of all Manure Tracking Manifests must be provided which show the hauler's name and the destination of the manure.**

---

1 Cow produces approx. 2 tons (180 cubic feet) of dry weight manure/year
1 Heifer produces approx. 1 ton (90 cubic feet) of dry weight manure/year
1 Calf produces approx. 0.40 tons (36 cubic feet) of dry weight manure/year
1 Horse produces approx. 1 ton (90 cubic feet) of dry weight manure/year

DEC 1973 – [illegible] 2000

SPACE NO. 8

INSPECTOR AAK

FACILITIES INSPECTION REPORT

(AFTER BUSINESS, MAIL TYPE)

SOLA System Task No. 1.2.1

8 365164001	MELLO, ENOS	GOLDENWEST DAIRIES
CAG018001	15090 ARCHIBALD AVENUE	15090 ARCHIBALD
96 04 01	CHINO, CA 91710	CHINO, CA 91710
	ENOS MELLO	ENOS MELLO
96 04 17	909 947 - 6056	909 947 - 6056

S Inspection agency (State = S, State / EPA Joint = J)

INSPECTION TYPE (Check One)

A1 ___ "A" type compliance – Comprehensive inspection in which samples are taken. (EPA Type S)

B1 ✓ "B" type compliance – A routine nonsampling inspection. (EPA type C)

02 ___ Noncompliance follow-up – Inspection made to verify correction of a previously identified violation.

03 ___ Enforcement follow-up – Inspection made to verify that conditions of an enforcement action are being met.

04 ___ Complaint – Inspection made in response to a complaint.

05 ___ Pre-requirement – Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.

06 ___ Miscellaneous – Any inspection type not mentioned above.

_____ (Type) If this is an EPA inspection not mentioned above, please note type (e.g.--barmentoring, performance audit, diagnostic, etc.)

N Were VIOLATIONS noted during this inspection? (Yes/No/Pending Sample Results)

N Was this a Quality Assurance-Based Inspection? (Y/N)

N Were bioassay samples taken? (N = No) If YES, then S = Static or F = Flowthrough.

INSPECTION SUMMARY (REQUIRED) (100 character limit)

MILKBARN WASHWATER DISCHARGED INTO LARGER POND. SOME MANURE ACCUMULATIO OB'SD. PROCESS OF CLEANING

INSPECTOR'S DATA:

INITIALS AAK SIGNATURE [signature] DATE 4/23/96

For Internal Use: Reviewed by: (1) [signature] 4/30 (2) _____ (3) [signature] Reg. WDS Coordinator

WDS Data Entry Date 5 . 6 . 96 Regional Board File Number: _____

Regional Water Quality Control Board
2010 Iowa Avenue, Suite 100
Riverside, CA 92507

DUPLICATE: JANUARY 16, 1996

ANNUAL REPORT OF ANIMAL WASTE DISCHARGE

Reporting Period: From January 1, 1995 to December 31, 1995

Waste Discharge Requirements, Order No. 94-007

Operator's Name: MELLO, ENOS

Facility Name: GOLDENWEST DAIRIES

Facility Address: 15090 ARCHIBALD

Mailing Address: 15090 ARCHIBALD AVENUE CHINO, CA 91710

Telephone Number: Facility (909) 947-6056 Business (909) 947-6056

Please make corrections to the above information directly on this form.

1. **ANIMAL POPULATION**

Milking Cows 1000 Dry Cows 150 Heifers 100 Calves _____

Horses _____ Pigs _____ Others (specify) _____

2. **MANURE DISPOSAL/USE METHOD**

A. Amount of manure stockpiled on Jan. 1, 1995	_____	cu ft	100	tons
B. Amount of manure produced in 1995	_____	cu ft	2610	tons
C. Amount of manure spread on Disposal land	_____	cu ft	_____	tons
D. Amount of manure spread on Cropland	_____	cu ft	_____	tons
E. Amount of manure stockpiled on Dec. 31, 1995	_____	cu ft	_____	tons
F. Amount of manure hauled away*	_____	cu ft	2710	tons

***Copies of all Manure Hauling Manifests must be provided which show the hauler's name and the destination of the manure.**

Cow produces approx. 2 tons (180 cubic feet) of dry weight manure/year.
Heifer produces approx. 1 ton (90 cubic feet) of dry weight manure/year.
Calf produces approx. 0.40 ton (36 cubic feet) of dry weight manure/year.
Horse produces approx. 1 ton (90 cubic feet) of dry weight manure/year.
g produces approx. 0.20 ton (18 cubic feet) of dry weight manure/year.

OFFICE NO. 8

INSPECTOR: MSB

FACILITIES INSPECTION REPORT

FCA Submit Task No. 1 2 1

8 365164001	MELLO, ENOS	GOLDENWEST DAIRIES
	15090 ARCHIBALD AVENUE	15090 ARCHIBALD
95 04 81	CHINO ,CA 91710	CHINO ,CA 91710
95 05 17	ENOS MELLO	ENOS MELLO
	909 947 - 6056	909 947 - 6056

Inspection agency (State = S, State / EPA Joint = J)

S

N

INSPECTION TYPE (Check One)

A1 ✓ "A" type compliance – Comprehensive inspection in which process are taken. (EPA Type B)

B1 ___ "B" type compliance – A routine remaining inspection. (EPA type C)

02 ___ Noncompliance follow-up – Inspection made to verify correction of a previously identified violation.

03 ___ Enforcement follow-up – Inspection made to verify that conditions of an enforcement action are being met.

04 ___ Complaint – Inspection made in response to a complaint.

05 ___ Pre-requirement – Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.

06 ___ Miscellaneous – Any inspection type not mentioned above.

If this is an EPA inspection not mentioned above, please note final (e.g.—biomonitoring, performance audit, diagnostic, etc.)

_____ (Type)

N Were VIOLATIONS noted during this inspection? (Yes/No/Pending Sample Results)

f Was this a Quality Assurance-Based Inspection? (Y/N)

f Were bioassay samples taken? (N = No. If YES, then S = Static or F = Flowthrough)

INSPECTION SUMMARY (REQUIRED) (100 character limit)

WASTEWATER AND STORMWATER CONTROLS ARE GOOD. NO MANURE STOCKPILING. NO MAJOR PROBLEMS. RPETA75

INSPECTOR'S DATA:

INITIALS MSR SIGNATURE Michael Roth DATE 05-17-95

For Internal Use: Reviewed by: (1) Rel 5/19 (2) _____ (3) [signature] Reg. WDS Coordinator

WDS Data Entry Date: 5 - 22 - 95 Regional Board File Number: _____

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SANTA ANA REGION

April 26, 1995

CERTIFIED MAIL
RETURN RECEIPT
REQUESTED

Mr. Enos Mello
GoldenWest Dairies
15090 Archibald Avenue
Chino, CA 91710

WASTE DISCHARGE REQUIREMENTS, ORDER NO. 94-7, NPDES NO. CAG018001, ENOS MELLO, GOLDENWEST DAIRIES, 15090 ARCHIBALD AVENUE, CHINO, SAN BERNARDINO COUNTY, DISCHARGE AUTHORIZATION NO. 94-7-101

Dear Mr. Mello:

On March 11, 1994, the Regional Board adopted Order No. 94-7, NPDES No. CAG018001, establishing general waste discharge requirements for discharges associated with concentrated animal feeding operations, including dairies, within the Santa Ana Region. Order No. 94-7 gives the Executive Officer the authority to rescind any existing waste discharge requirements and to authorize the discharge of wastes under these general waste discharge requirements.

This letter hereby rescinds your existing waste discharge requirements (Order No. 72-153) and grants you authorization to discharge wastes under Order No. 94-7. Your discharge authorization number is **94-7-101**.

Our records indicate that you have 20 acres of disposal land and that you currently have 1,566 animals which include 1,290 milking cows, 186 dry cows and 90 heifers (reported by you in your 1994 annual report of animal waste discharge). Your dairy produces approximately 64,500 gallons of wash water per day and generates about 3,042 tons of manure per year. Please be aware that Order No. 94-7 requires you to report to us any increase in animal population of more than 10 percent.

You are, therefore, required to comply with all of the requirements of Order No. 94-7. Enclosed is a copy of General Waste Discharge Requirements, Order No. 94-7, for the discharge of dairy wastes from your dairy.

7d

California Regional Water Quality Control Board
Santa Ana Region

CEASE AND DESIST ORDER NO. 87-129

Requiring Enos C. Mello to Cease and Desist
from Discharging Excess Dairy Manure to Disposal Land in Violation
of Waste Discharge Requirements contained in Order No. 72-0153,
as Amended

The California Regional Water Quality Control Board, Santa Ana Region (hereinafter Board), finds that:

1. Mr. Enos C. Mello (hereinafter discharger) operates Enos C. Mello Dairy at 15090 Archibald Avenue in the Chino area of San Bernardino County.

2. On October 6, 1972, the Board adopted Order No. 72-0153 to regulate the discharge of dairy wastes from this facility. The waste discharge requirements provide, in part, the following:

"A. Discharge Specifications:

4. The discharge of dairy wastes shall not cause a pollution."

3. On March 8, 1973, the Board adopted an Amendment to Order No. 72-0153. The amendment provides, in part, the following:

"The discharge of manure waste to lands owned or controlled by the discharger shall not exceed 3 tons (dry weight) per acre per year."

4. In the 1986 Annual Report for the this dairy, submitted to the Board on November 14, 1986, the discharger reported that 658 tons of manure had been spread on 25 acres of disposal land. This equates to 26.3 tons per acre per year. According to the requirement contained in the amendment to Order No. 72-0153, the discharger has exceeded the total disposal limit by 583 tons of manure.

5. The discharger is violating or threatening to violate those portions of Order No. 72-0153 listed in Findings 2 and 3.

6. On August 4, 1987, Board staff informed the discharger of this violation and requested that a plan for mitigating the excess manure disposal be submitted by August 17, 1987. Board staff received a mitigation plan on August 19, 1987. The discharger proposes to cease all manure disposal operations at his dairy and have all manured generated at the dairy hauled away.

7. On October 9, 1987, at the Riverside City Council Chambers, the Board conducted a public hearing at which time representatives of the discharger were provided an opportunity to appear and evidence was received concerning the discharge.

8. This enforcement action is being taken for the protection of the environment, and, as such, is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21000 et seq.) in accordance with Section 15321, Chapter 3, Title 14, California Environmental Administrative Code.

IT IS HEREBY ORDERED that, in accordance with Section 13301 of the California Water Code, the discharger shall:

1. Immediately cease all manure disposal operations at the dairy located at 15090 Archibald Avenue, Chino, California.

2. This order shall remain in effect until October 1, 1995, or such time as the waste discharge requirements for this facility, Order No. 72-0153, are updated.

If, in the opinion of the Executive Officer, the discharger fails to comply with the provisions of this order, the Executive Officer is directed to file a complaint assessing Administrative Civil Liability or request that the Attorney General take judicial enforcement action against the discharger, including injunction and civil monetary remedies, if appropriate, pursuant to Sections 13331, 13350, and/or 13386 of the California Water Code.

I, James R. Bennett, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an order adopted by the California Regional Water Quality Control Board, Santa Ana Region, on October 9, 1987.

JAMES R. BENNETT
Executive Officer

California Regional Water Quality Control Board
Santa Ana Region

October 6, 1987

ITEM: 8

SUBJECT: Cease and Desist Order No. 87-129 for Enos C. Mello, San Bernardino County

DISCUSSION:

Mr. Enos C. Mello operates Enos C. Mello Dairy located at 15090 Archibald Avenue in the Chino area of San Bernardino County. The approximate animal population of this dairy is 900 milking cows and 450 other animals which generate about 3600 tons of dairy manure annually.

On October 6, 1972, the Board adopted Order No. 72-0153 regulating the discharge of dairy wastes from the facility to control the build-up of salts in ground water and to protect water quality in the area. Order No. 72-0-153 specifies, in part, the following:

"A. Discharge Specifications:

4. The discharge of dairy wastes shall not cause a pollution".

On March 8, 1973, the Board adopted an Amendment to Order No. 72-0153 to limit the amount of manure that can be spread on the disposal land of the dairy. The amendment specifies, in part, the following:

"The discharge of manure waste to lands owned or controlled by the discharger shall not exceed 3 tons (dry weight) per acre per year."

In the 1986 annual report for this dairy, submitted to the Board on November 14, 1986, Mr. Mello, reported that 658 tons of manure had been spread on 25 acres of disposal land. This equates to 26.3 tons per acre per year. According to the requirements contained in the Amendment to Order No. 72-0153, Mr. Mello exceeded the disposal limit by 583 tons of manure on his 25 acres of disposal land. Therefore, Mr. Mello has intentionally and/or negligently discharged waste in violation of the discharge specifications contained in Order No. 72-0153 and its amendment.

The proposed cease and desist order prohibits any further discharges of manure to the disposal land until October 1, 1995, or such time as the waste discharge requirements for this facility, Order No. 72-0153, are updated. Mr. Enos C. Mello has submitted a mitigation plan indicating that all manure generated at the dairy will be hauled away in the future. Failure to comply with this order may result in the assessment of administrative civil liability and referral to the Attorney General for judicial enforcement remedies, including injunction and civil monetary penalties if appropriate.

RECOMMENDATION:

Adopt Cease and Desist Order No. 87-129.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SANTA ANA REGION

ORDER No. 72-0159

Waste Discharge Requirements
for
ENOS C. MELLO DAIRY

The California Regional Water Quality Control Board, Santa Ana Region, finds that:

1. The Enos C. Mello dairy submitted a technical report on waste discharge dated October 20, 1971.

2. The dairy is operated and owned by Enos C. Mello.

3. The approximate animal population of the dairy is:

a. 450 milking cows
b. 100 dry cows
c. 0 heifers and calves

4. The Enos C. Mello dairy proposes to discharge 5000 gallons per day of dairy wastes.

5. The disposal and treatment facilities are located in the Chino Hydrologic Subarea, in the SE ¼ of Section 22, T2S, Range 7W, SBB&M, at 15090 Archibald Avenue , Chino, Ca. 91710.

6. The beneficial uses of the groundwaters of the area include:

a. Municipal and domestic supply;
b. Industrial supply;
c. Agricultural use and irrigation.

7. On June 9, 1971, the board adopted an "Interim Water Quality Control Plan" for the Santa Ana River Basin.

8. The board adopted a policy relating to dairy wastes on June 9, 1971

9. The board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge.

10. The board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED THAT [illegible] C. HELLO DAIRY
shall comply with the following:

A. Discharge Specifications:

1. There shall be no discharge of dairy wastes* to:

a. Lands not owned or controlled by the discharger*
b. Lands for which the discharger has not obtained permission for waste disposal from the land owner.

2. The discharger shall provide facilities to contain the runoff from manured areas that would result from 1.3 times the 10-year 24-hour rainfall at this location as determined at Chino Station. Ten-year 24-hour storm at this station is equivalent to 4.55 inches.

3. Neither the treatment nor the discharge of dairy wastes shall cause a nuisance*.

4. The discharge of dairy wastes* shall not cause a pollution*.

5. Highly mineralized wastes such as water softener regeneration brine in excess of 120 lbs. per month, expressed as sodium chloride, shall not be discharged to permeable areas or allowed to flow into surface waters.

6. Transfer of highly mineralized wastes for ultimate disposal shall be made to an approved Class I disposal site* or other facility approved by the Executive Officer.

B. Provisions

1. The discharger shall comply with the attached reporting program.

2. In the event of any change in control or ownership of land presently owned or controlled by the discharger, the discharger shall notify this board of such change and notify the succeeding owner or operator of the existence of this order.

3. Compliance with the requirements shall be based on the following:

a. Compliance with Requirements (1), (2), (3) and (4) shall be based on periodic inspections made by the staff of the board.

b. Technical reports submitted in accordance with the attached Reporting Program shall be evaluated to determine compliance with Requirements (5) and (6).

c. In addition to the above, the board shall consider any relevant information presented to the board.

*See definition on Page 4

d. Completion of facilities to comply with Requirement 2 by October 1, 1973.

4. The discharger shall comply with all Federal, state, and county laws pertaining to the above-mentioned operation.

5. The discharger shall report promptly to the California Regional Water Quality Control Board, Santa Ana Region, any material change in:

a. character, location and/or volume of the discharge;

b. increase in the number of animals by 25 percent or 100 animals, whichever is smaller.

I, Richard A. Bueermann, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Santa Ana Region, on October 6, 1972.

Richard A Bueermann
RICHARD A. BUEERMANN
Executive Officer

REPORTING PROGRAM

1. Yearly technical reports shall be submitted by the 20th day of March of each year. Technical report forms shall be obtained from the Regional Board office at Riverside.

2. The above reports shall be signed by the discharger and shall be submitted under penalty of perjury.

Ordered by: Richard A Bueermann
RICHARD A. BUEERMANN
Executive Officer

October 6, 1972

DEFINITIONS

Class I Disposal Sites:

Class I disposal sites are those at which complete protection is provided for all time for the quality of ground and surface waters from all wastes deposited therein and against hazard to public health and wildlife resources.

Contamination:

Means an impairment of the quality of the waters of the state by waste to a degree which creates a hazard to the public health through poisoning or through the spread of diseases. "Contamination" shall include any equivalent effect resulting from the disposal of waste, whether or not waters of the state are affected.

Dairy Wastes:

As used herein, means wash water and flushing water; runoff from manured areas, manure holding areas, manure piles, and manure disposal areas.

Manured Areas:

Corrals, feedyards, manure collection areas of any kind and areas used for storage, composting, and/or drying of animal wastes.

Nuisance:

Means anything which(1) is injurious to health, or is indecent or offensive to the senses, or an obstruction to the free use of property, so as to interfere with the comfortable enjoyment of life or property, and, (2) affects at the same time an entire community or neighborhood, or any considerable number of persons, although the extent of the annoyance or damage inflicted upon individuals may be unequal, and, (3) occurs during or as a result of the treatment or disposal of wastes.

Pollution:

Means an alteration of the quality of the waters of the state by waste to a degree which unreasonably affects (1) such waters for beneficial uses, or (2) facilities which serve such beneficial uses. "Pollution" may include "contamination."

Ten-year 24-hour storm:

A storm of 24-hour duration which yields a total precipitation of a magnitude that has a probability of recurring only once every 10 years.

The Discharger:

Is the responsible party whose name appears on the waste discharge requirements Order.

Wash Water:

Water which contains suspended animal manures as a result of having been used for washing animals, equipment or to clean manured areas.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
Santa Ana Region

Amendment to Order 72-D-153

For
ENOS C. MELLO DAIRY

The California Regional Water Quality Control Board, Santa Ana Region, finds that:

1. The disposal of manure in the Santa Ana River Basin must be controlled to prevent further degradation of the quality of the waters of this region.

2. Soils and geological strata serve as a waste treatment and disposal system.

3. The soils and underlying geologic strata serve as a dimensional, anisotropic, chromatographic column capable of adsorbing, removing and adding solutes to a percolating solution.

4. The soils and geological strata will not, without control of waste loads, adsorb and precipitate salts to prevent further mineralization and degradation of the quality of the groundwaters of this region.

5. There are interactions between nitrogen forms, phosphorus forms, and other salts in the dairy waste and soils and geological strata.

IT IS HEREBY ORDERED THAT ORDERS No. 72-D 153 are amended and the discharger shall comply with the following requirement in addition to these requirements in Orders 72-D 153 .

The discharge of manure waste to lands owned or controlled by the discharger shall not exceed 3 tons (dry weight) per acre per year. This is equivalent to 1.5 times the amount of manure produced by one cow in one year.

PROVISIONS:

Compliance with the above requirements shall be based on the following:

(a) The Dairy Environmental Task force shall survey those dischargers subject to waste discharge requirements and report to the board the following information:

(1) by August 1, 1973 the status of compliance with Phase I requirements

(2) by October 1, 1973 those actions needed to be taken by public agencies including this board to achieve and assist in compliance with Phase I and Phase II.

(3) by January 1, 1974, the status of compliance with Phase II requirements.

(4) by March 1, 1974, the discharger shall comply with Phase II requirements.

(b) The moisture content, volume and/or weight of the manure hauled away.

I, James W. Anderson, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Santa Ana Region, on March 8, 1973.

JAMES W. ANDERSON
Executive Officer
March 8, 1973

REPORTING PROGRAM

The discharger shall report to the board time, date, moisture content, volume and/or weight of the manure hauled away each time the corrals are cleaned.

Ordered by:

JAMES W. ANDERSON
Executive Officer
March 8, 1973

Enos Mello
Dairy Location
SAN BERNARDINO CO
RIVERSIDE CO
SCHLEISMAN ROAD
CITRUS
DITCH
HARRISON
SUMNER
22
23
24
27
28
34
35
N

Regional Water Quality Control Board
2010 Iowa Avenue, Suite 100
Riverside, CA 92507

DUE DATE: JANUARY 17, 1995

ANNUAL REPORT OF ANIMAL WASTE DISCHARGE

Reporting Period: From January 1, 1994 to December 31, 1994

Waste Discharge Requirements, Order No: 72-153

Operator's Name: MELLO, ENOS

Facility Name: GOLDENWEST DAIRIES

Facility Address: 15090 ARCHIBALD

Mailing Address: 15090 ARCHIBALD AVENUE CHINO, CA 91710

Telephone Number: Facility (909) 947-6056 Business (909) 947-6056

1. ANIMAL POPULATION

Milking Cows 1290 Dry Cows 166 Heifers 90 Calves _____

Horses _____ Pigs _____ Others (specify) _____

2. MANURE DISPOSAL/USE METHOD

A. Amount of manure stockpiled on Jan. 1, 1994 _____ cu ft 100 tons

B. Amount of manure produced in 1994 _____ cu ft 3004 tons

C. Amount of manure spread on Disposal land _____ cu ft _____ tons

D. Amount of manure spread on Cropland _____ cu ft _____ tons

E. Amount of manure stockpiled on Dec. 31, 1994 _____ cu ft 100 tons

F. Amount of manure hauled away* _____ cu ft 3004 tons

***Copies of all Manure Hauling Manifests must be provided which show the hauler's name and the destination of the manure.**

---

1 Cow produces approx. 2 tons (180 cubic feet) of dry weight manure/year.
1 Heifer produces approx. 1 ton (90 cubic feet) of dry weight manure/year.
1 Calf produces approx. 0.40 ton (36 cubic feet) of dry weight manure/year.
1 Horse produces approx. 1 ton (90 cubic feet) of dry weight manure/year.
1 Pig produces approx. 0.20 ton (18 cubic feet) of dry weight manure/year.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SANTA ANA REGION

September 20, 1994

CERTIFIED MAIL
RETURN RECEIPT
REQUESTED

Mr. Enos Mello
Goldenwest Dairy
15090 Archibald Avenue
Chino, CA 91710

ILLEGAL DISCHARGE OF MANURED WATER FROM DAIRY AT 15090 ARCHIBALD AVENUE, CHINO

Dear Mr. Mello:

As you may be aware, on September 12, 1994, Mike Roth, of this office encountered manured water discharging from your dairy onto Archibald Avenue. Mr. Roth went to the dairy's office to ask why there was a discharge and how the discharge could be stopped. The individual in the office replied that the cause of the discharge was a combination of a gopher hole and a check valve being left on too long. The individual said that he would repair the leak and that the check valve had already been switched. The discharge was stopped when Mr. Roth returned at 2 p.m.

We do not plan to take any action regarding the discharge at this time, because: 1) the discharge was corrected without delay and 2) some other containment controls have been completed (the berm in the SW corner of the dairy) since the last inspection of the dairy. This is provided that you continue to act vigilantly in conducting maintenance, including conducting a gopher eradication program and make the following improvements: 1) conduct routine maintenance, 2) strengthen containment controls (berms) in the SE corner of the dairy and 3) make improvements to disposal area to improve percolation, as needed. We recommend that disposal areas be deep chisel ripped to 18" every year before the start of the wet season. Please send a written response to our office by **October 11, 1994**, confirming your intentions to do the above.

If you need any assistance or have any questions, please call Mike Roth at (909) 320-2027.

Sincerely,

Gary D. Stewart, Chief
Special Projects Section

cc: California Milk Producers - Keith Gomes
Milk Producers Council - Wendy Griffioen

MSR/LT894

To: 1. GDS
~~2. Complaint File~~
3. Rite

From: MSR

Date: 09/13/94

Subject: Discharge from Mello Dairy on Archibald

California Regional Water Quality Control Board

COMPLAINT AND SPILL REPORT FORM

1. **Person Reporting:** Don Newsome
   Date: September 12, 1994 **Time:** 10:58 a.m.
   Phone:
2. **Address:**
3. **Regarding - Responsible Party (organization, address, phone, contact):** Possibly Mello Dairy
4. **Date of Occurance:** 9/12/94 **Time:** Present
5. **Description: (including material, volume, location, and predicted movement for spills):** Dairy water being discharged onto Archibald, North of Coverdale, South of Merrill.
6. **Other Agencies Notified:**
7. **Report Taken By:** GDS **Mode of Report:** Phone
   (Phone, letter, visit, etc.)
8. **Referred To:** MSR
9. **Findings of Investigation:** 12:15 p.m., 09/12/94, Arrived and took video of discharge; Tested for NH_3 (≈100ppm); ≈2-5 gallons per minute; ≈1000 gallons discharged; Discharge from SE corner of dairy due to a combination of a check valve being left on too long and a gopher hole; Asked individual in office to stop discharge and call me and let me know what they had done; They said they would stop discharge, but seemed reluctant to call; Discharge was stopped by about 2 p.m. with some dirt work;
10. **Action Recommended:** About three months ago Dairy was asked to make improvements to SW corner. The improvements have been carried out. That shows a good faith effort. If that effort had not been made, the Dairy would be asked to complete an EWMP at this time. Recommend sending a letter discussing this and asking for continued vigilence in maintenance, including gopher irradication and a written responce confirming their intentions to 1) conduct routine maintenance, 2) plans to bolster berms in SE corner of dairy and 3) any needed improvements in the disposal area.
11. **Action Taken:**
12. **Results of Action:**
13. **Complainant Notified of Results By:**

(Name)

Date:

MSR/MEMA57

OFFICE NO. 8

INSPECTION: MSR

FACILITIES INSPECTION REPORT

CHECK NO. (REV. 1/94)

ECM Expires Year Ago 1 2 5

8 365164001	MELLO, ENOS	GOLDENWEST DAIRIES
	15090 ARCHIBALD AVENUE	15090 ARCHIBALD
94 04 01	CHINO ,CA 91710	CHI ,CA 91710
94 02 18	ENOS MELLO	ENOS MELLO
	909 947 - 6056	909 947 - 6056

S — Inspection agency (State = S, Sheet / EPA Joint = J)

N — If this inspection is a Compliance Inspection of an NPDES facility, send a copy of this report to SWRCB's Division of Water Quality, Program Support Unit.

INSPECTION TYPE (Check One)

A1 ___ "A" type compliance -- Comprehensive inspection in which samples are taken. (EPA Type B)

B1 ✓ "B" type compliance -- A routine nonsampling inspection. (EPA type C)

02 ___ Noncompliance follow-up -- Inspection made to verify correction of a previously identified violation.

03 ___ Enforcement follow-up -- Inspection made to verify that conditions of an enforcement action are being met.

04 ___ Complaint -- Inspection made in response to a complaint.

05 ___ Pre-requirement -- Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.

06 ___ Miscellaneous -- Any inspection type not mentioned above.

_____ (Type) If this is an EPA inspection not mentioned above, please note type (e.g. - biomonitoring, performance audit, diagnostic, etc.)

N — Were VIOLATIONS noted during this inspection? (Yes/No/Pending Sample Results)

/ — Was this a Quality Assurance-Based Inspection? (Y/N)

/ — Were bioassay samples taken? (N = No) If YES, then S = Static or F = Flowthrough.

INSPECTION SUMMARY (REQUIRED) (100 character limit)

DEQUATE WASTEWATER AND STORMWATER
ONTROLS. SOME MANURE STOCKPILING.
O MAJOR PROBLEMS NOTED.

CTOR'S DATA MSR SIGNATURE Michael Roth DATE 02-24-94

Internal Use: Reviewed by: (1) GDS 3/2 (2) _____ (3) BDN Reg. WDS Coordinator

WDS Data Entry Date: 2 . 28 . 94 Regional Board File Number: _____

Regional Water Quality Control Board
3919 Iowa Avenue, Suite 100
Riverside, CA 92507

DUE DATE: JANUARY 17, 1994

ANNUAL REPORT OF ANIMAL WASTE DISCHARGE

Reporting Period: From January 1, 1993 to December 31, 1993

Waste Discharge Requirements, Order No. 92-133

Operator's Name: MELLO, EMOS

Facility Name: GOLDENWEST DAIRIES

Facility Address: 15090 ARCHIBALD

Mailing Address: 15090 ARCHIBALD AVENUE, CHINO, CA 91710

Telephone Number: Facility (909)947-8056 Business (909)947-8056

Please make corrections to the above information directly on this form.

1. ANIMAL POPULATION (Average)

Milking Cows 1275 Dry Cows 180 Heifers 75 Calves ____

Horses ____ Pigs ____ Others (specify) ____

2. MANURE DISPOSAL/USE METHOD

A. Amount of manure stockpiled on Jan. 1, 1993 100 tons or ____ yds^3

B. Amount of manure produced in 1993 2405 tons or ____ yds^3

C. Amount of manure spread on Disposal land ____ tons or ____ yds^3

D. Amount of manure spread on your Cropland ____ tons or ____ yds^3

E. Amount of manure stockpiled on Dec. 31, 1993 100 tons or ____ yds^3

F. Amount of manure hauled away* 2405 tons or ____ yds^3

***Copies of all Manure Hauling Manifests must be provided which show the hauler's name and the destination of the manure.**

---

1 Cow produces approximately 2 tons (6.7 yds^3) of dry weight manure/year.
1 Heifer produces approximately 1 ton (3.3 yds^3) of dry weight manure/year.
1 Calf produces approximately 0.40 ton (1.3 yds^3) of dry weight manure/year.
1 Horse produces approximately 1 ton (3.3 yds^3) of dry weight manure/year.
1 Pig produces approximately 0.20 ton (0.67 yds^3) of dry weight manure/year.

OCT 1971 - DEC 2005
TADEMA, CHIHUA

OFFICE NO. 8

INSPECTOR: JIS

FACILITIES INSPECTION REPORT

SIPRIS 001 (REV. 1/91)

PCA System Type No. 1 [illegible]

8 365164001	MELLO, ENOS	MELLO #1
NPDES NUMBER	NAME OF AGENCY OR PARTY RESPONSIBLE FOR INCIDENCE	NAME OF FACILITY
	15066 ARCHIBALD AVENUE	15090 ARCHIBALD
NPDES NUMBER	AGENCY STREET	FACILITY STREET
93 04 81	CHINO, CA 91710	CHI, CA 91710
(YY) (MM) (TYPE)	AGENCY CITY AND STATE	FACILITY CITY AND STATE
SCHEDULED INSPECTION DATE	VERNON MELLO	MELLO
93 07 15 (SYMBOLS)	AGENCY CONTACT PERSON	ONSITE FACILITY CONTACT PERSON
ACTUAL INSPECTION DATE	714 622 - 1409	714 622 - 1409
	AGENCY PHONE NO.	FACILITY PHONE NO.

D — Inspection agency (State = S, State / EPA Joint = J)

N — Is this a type "A1" or "B1" Compliance inspection of an NPDES facility as required by the section 106 grant workplan? (Y/N). If so, send a copy of the report to EPA

INSPECTION TYPE (Check One)

A1 ___ "A" type compliance -- Comprehensive inspection in which samples are taken. (EPA Type B)

B1 ___ "B" type compliance -- A routine nonsampling inspection. (EPA type C)

02 ___ Noncompliance follow-up -- Inspection made to verify correction of a previously identified violation.

03 ___ Enforcement follow-up -- Inspection made to verify that conditions of an enforcement action are being met.

04 ___ Complaint -- Inspection made in response to a complaint.

05 ___ Pre-requirement -- Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.

06 ___ Miscellaneous -- Any inspection type not mentioned above.

_____ (Type) If this is an EPA inspection not mentioned above, please note type (e.g.--biomonitoring, performance audit, diagnostic, etc.)

N — Were VIOLATIONS noted during this inspection? (Yes/No/Pending Sample Results)

/ — Was this a Quality Assurance-Based Inspection? (Y/N)

/ — Were bioassay samples taken? (N = No) If YES, then S = Static or F = Flowthrough.

INSPECTION SUMMARY (REQUIRED) (100 character limit)

Both ponds were noted with adequate freeboard (
All necessary dikes in place; no discharge
from the dairy noted. Dikes along the

INSPECTOR'S DATA:

INITIALS JIS SIGNATURE [signature] DATE 7-15-93

For Internal Use: Reviewed by: (1) _____ (2) _____ (3) [signature]

Reg. WDS Coordinator

WDS Data Entry Date: 93-07-20 Regional Board File Number: _____

stern end in place, no evidence of

Regional Water Quality Control Board
3010 Iowa Avenue, Suite 100
Riverside, CA 92507

DUE DATE: JANUARY 15, 1993

ANNUAL REPORT OF ANIMAL WASTE DISCHARGE

Reporting Period: From January 1, 1992 to December 31, 1992

Waste Discharge Requirements, Order No. 72-133

Operator's Name: MELLO, ENOS

Facility Name: MELLO DAIRY #1

Facility Address: 15090 ARCHIBALD

Mailing Address: [illegible]

Telephone Number: Facility [illegible] Business [illegible]

Please make corrections to the above information directly on this form.

1. ANIMAL POPULATION (average)

Milking Cows 1150 Dry Cows 150 Heifers 60 Calves ____

Horses ____ Pigs ____ Others (specify) ____

2. MANURE DISPOSAL/USE METHOD

A.	Amount of manure stockpiled on Jan. 1, 1992	____	ft³ 100	tons
B.	Amount of manure produced in 1992	____	ft³ 3734	tons
C.	Amount of manure spread on Disposal land	____	ft³ ____	tons
D.	Amount of manure spread on Cropland	____	ft³ ____	tons
E.	Amount of manure stockpiled on Dec. 31, 1992	____	ft³ 100	tons
F.	Amount of manure hauled away*	____	ft³ 3734	tons

*Copies of all Manure Hauling Manifests must be provided which show the hauler's name and the destination of the manure.

---

1 Cow produces approx. 2 tons (180 cubic feet) of dry weight manure/year.
1 Heifer produces approx. 1 ton (90 cubic feet) of dry weight manure/year
1 Calf produces approx. 0.40 ton (36 cubic feet) of dry weight manure/year
1 Horse produces approx. 1 ton (90 cubic feet) of dry weight manure/year
1 Pig produces approx. 0.20 ton (18 cubic feet) of dry weight manure/yea

OFFICE NO: 8

INSPECTOR: 000

FACILITIES INSPECTION REPORT

8 365164001	MELLO, ENOS	MELLO #1
	15066 ARCHIBALD AVENUE	15090 ARCHIBALD
92 04 01	CHINO, CA 91710	CHI, CA 91710
	VERNON MELLO	MELLO
	714 622 - 1409	714 622 - 1409

S Inspection agency (State = S, State · EPA Joint = J)

N Is this a type "A1" or "B1" Compliance Inspection of an NPDES facility as required by the section 106 grant workplan? (Y/N) If so, send a copy of this report to EPA.

INSPECTION TYPE (Check One)

- A1 ___ "A" type compliance -- Comprehensive inspection in which samples are taken. (EPA Type S)
- B1 ✓ "B" type compliance -- A routine nonsampling inspection. (EPA type C)
- 02 ___ Noncompliance follow-up -- Inspection made to verify correction of a previously identified violation.
- 03 ___ Enforcement follow-up -- Inspection made to verify that conditions of an enforcement action are being met.
- 04 ___ Complaint -- Inspection made in response to a complaint.
- 05 ___ Pre-requirement -- Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.
- 06 ___ Miscellaneous -- Any inspection type not mentioned above.

If this is an EPA inspection not mentioned above, please note type (e.g. -biomonitoring, performance audit, diagnostic, etc.)

_______________ (Type)

N Were VIOLATIONS noted during this inspection? (Yes/No/Pending Sample Results)

N Was this a Quality Assurance-Based Inspection? (Y/N)

N Were bioassay samples taken? (N = No) If YES, then S = Static or F = Flowthrough.

INSPECTION SUMMARY (REQUIRED) (100 character limit)

[illegible]

INSPECTOR'S DATA:

INITIALS: [illegible] SIGNATURE: [illegible] DATE: 4-[illegible]-92

For Internal Use: Reviewed by: (1)__________ (2)__________ (3) [illegible]

Reg. WDS Coord...

WDS Data Entry Date: 5-5-92 Regional Board File Number: __________

Regional Water Quality Control Board
3737 Iowa Avenue, Suite 100
Riverside, CA 92507

DATE: JANUARY 15, 1992

ANNUAL REPORT OF ANIMAL WASTE DISCHARGE

Reporting Period: From January 1, 1991 to December 31, 1991

Waste Discharge Requirements, Order No: 78-133

Operator's Name: MELLO, ENOS

Facility Name: MELLO #1 DAIRY

Facility Address: 15290 ARCHIBALD

Mailing Address: 15265 ARCHIBALD AVENUE, CHINO 91710

Telephone Number: Facility (714)622-1409 Business (714)622-1409

Please make corrections to the above information directly on this form.

1. ANIMAL POPULATION

Milking Cows 960 Dry Cows 200 Heifers _____ Calves _____

Horses _____ Pigs _____ Others (specify) _____

2. MANURE DISPOSAL/USE METHOD

A. Amount of manure stockpiled on Jan. 1, 1991 360,000 ft^3 2400 tons

B. Amount of manure produced in 1991 none ft^3 _____ tons

C. Amount of manure spread on Disposal land none ft^3 _____ tons

D. Amount of manure spread on Cropland none ft^3 _____ tons

E. Amount of manure stockpiled on Dec. 31, 1991 none ft^3 _____ tons

F. Amount of manure hauled away* 360,000 ft^3 2400 tons

***Copies of all Manure Hauling Manifests must be provided which show the hauler's name and the destination of the manure.** Hauler name, Mello West Dairy 15290 Archibald Ave Chino, CA 91710

Destination: Whittier Heights, Whittier

---

1 Cow produces approx. 2 tons (180 cubic feet) of dry weight manure/year.
1 Heifer produces approx. 1 ton (90 cubic feet) of dry weight manure/year.
Calf produces approx. 0.40 ton (36 cubic feet) of dry weight manure/year
Horse produces approx. 1 ton (90 cubic feet) of dry weight manure/year
Pig produces approx. 0.20 ton (18 cubic feet) of dry weight manure/year

Santa Ana Region
4800 Indiana Avenue, Suite 200
Riverside, CA 92506-4298
Phone: (714) 782-4130

ANNUAL REPORT OF ANIMAL WASTE DISCHARGE

Waste Discharge Requirements, Order No. _____.

Reporting Period: From January 1, 1990, to December 31, 1990.

Operator's Name: [illegible]

Facility Name: [illegible]

Facility Address: [illegible]

Business Mailing Address: [illegible]

Telephone Number: Facility [illegible] Business [illegible]

1. ANIMAL POPULATION

Milking Cows 400 Dry Cows 200 Heifers _____

Calves _____ Horses _____ Pigs _____ Others _____

2. MANURE DISPOSAL METHOD

A. Total amount of manure produced	181,000	ft³	2300 tons
B. Amount of corral manure spread on Disposal land	none	ft³	_____ tons
C. Amount of corral manure spread on Cropland	none	ft³	_____ tons
D. Amount of manure stockpiled	none	ft³	_____ tons
E. Amount of manure hauled away	307,000	ft³	2300 tons

Hauler's Name and Address: [illegible]

[illegible]

Destination of Manure: [illegible]

1 Cow	produces	2 tons (180 cubic feet)	of dry weight manure/year.
1 Heifer	produces	1 ton (90 cubic feet)	Of dry weight manure/year.
Horse	produces	1 ton (90 cubic feet)	of dry weight manure/year.
Calf	produces	0.40 ton (36 cubic feet)	of dry weight manure/year.
Pig	produces	0.20 ton (18 cubic feet)	of dry weight manure/year.

California Regional Water Quality Control Board
Santa Ana Region
6809 Indiana Avenue, Suite 200
Riverside, CA 92506-4298
Phone: (714) 782-4130

ANNUAL REPORT OF ANIMAL WASTE DISCHARGE

Waste Discharge Requirements, Order No. _____

Reporting Period: From November 1, 1988, to October 31, 1989.

Operator's Name: [illegible]

Facility Name: [illegible]

Facility Address: [illegible]

Business Mailing Address: [illegible]

Telephone Number: Facility [illegible] Business [illegible]

1. ANIMAL POPULATION

Milking Cows 950 Dry Cows 200 Heifers _____

Calves _____ Horses _____ Pigs _____ Others _____

2. MANURE DISPOSAL METHOD

A.	Total amount of manure produced	207,000	ft³	3000 tons
B.	Amount of corral manure spread on Disposal land	_____	ft³	_____ tons
C.	Amount of corral manure spread on Cropland	_____	ft³	_____ tons
D.	Amount of manure hauled away	all	ft³	_____ tons

Hauler's Name and Address: [illegible]

Destination of Manure: _____

1 Cow	produces	2 tons	(180 cubic feet) of dry weight manure/year.
1 Heifer	produces	1 ton	(90 cubic feet) of dry weight manure/year.
1 Horse	produces	1 ton	(90 cubic feet) of dry weight manure/year.
1 Calf	produces	0.25 ton	(22.5 cubic feet) of dry weight manure/year.
1 Pig	produces	0.20 ton	(18 cubic feet) of dry weight manure/year.

[illegible]

CMS 1/5/89

California Regional Water Quality Control Board
Santa Ana Region
6809 Indiana Avenue, Suite 200
Riverside, CA 92506-4298
Phone: (714)782-4130

RECEIVED
NOV 1 0 1988

ANNUAL REPORT OF ANIMAL WASTE DISCHARGE

Waste Discharge Requirements, Order No. _____

Reporting Period: From November 1, 1987, to October 31, 1988.

Operator's Name: PROD C. MELLO

Dairy Name: MELLO DAIRY #1

Dairy Street Address: 15000 ARCHIBALD AVE, CHINO, CA. 91710

Business Mailing Address: SAME

Telephone Number: 714-3476055

1. Animal Population: (Number of Each)

Milking Cows 350 Heifers _____

Dry Cows 200 Calves _____

2. Manure Disposal Method

1. Total amount of manure produced _____ cu. ft. 2300 tons
2. Amount of corral manure spread on Disposal Acreage _____ cu. ft. _____ tons
3. Amount of corral manure stockpiled on Disposal Acreage _____ cu. ft. _____ tons
4. Amount of corral manure spread on Cropland Acreage _____ cu. ft. _____ tons
5. Amount of manure hauled away _____ cu. ft. _____ tons

Hauler's Name MARTINEZ & SONS

Destination of Manure _____

1 Cow	produces	2 tons	(180 cubic feet) of dry weight manure/year.
1 Heifer	produces	1 ton	(90 cubic feet) of dry weight manure/year.
1 Horse	produces	1 ton	(90 cubic feet) of dry weight manure/year.
1 Calf	produces	.4 ton	(36 cubic feet) of dry weight manure/year.

(OVER)

California Regional Water Quality Control Board
Santa Ana Region
6809 Indiana Avenue, Suite 200
Riverside, CA 92506-4298
Phone: (714)782-4130

ANNUAL REPORT OF ANIMAL WASTE DISCHARGE

Waste Discharge Requirements, Order No. _____

Reporting Period: From November 1, 1986, to October 31, 1987.

Operator's Name: Boyd C. Mello, Vernon L. Mello

Dairy Name: Mello Dairy #1

Dairy Street Address: 15066 Archibald Ave. Chino, Ca. 91710

Business Mailing Address: SAME

Telephone Number: 714-987-6056

1. Animal Population: (Number of Each)

Milking Cows 950 Heifers _____

Dry Cows 200 Calves _____

1725 tons is stockpiled in the corrals drying. This will be hauled away as soon as it drys.

2. Manure Disposal Method

1. Total amount of manure produced _____ cu. ft. 2300 tons
2. Amount of corral manure spread on Disposal Acreage _____ cu. ft. _____ tons
3. Amount of corral manure stockpiled on Disposal Acreage _____ cu. ft. 1725 tons
4. Amount of corral manure spread on Cropland Acreage _____ cu. ft. _____ tons
5. Amount of manure hauled away _____ cu. ft. 575 tons

Hauler's Name Martinez & Sons

Destination of Manure _____

1 Cow	produces	2 tons	(180 cubic feet) of dry weight manure/year.
1 Heifer	produces	1 ton	(90 cubic feet) of dry weight manure/year.
1 Horse	produces	1 ton	(90 cubic feet) of dry weight manure/year.
1 Calf	produces	.4 ton	(36 cubic feet) of dry weight manure/year.

(OVER)

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SANTA ANA REGION
3737 MAIN STREET, SUITE 500
RIVERSIDE, CALIFORNIA 92501
PHONE (714) 782-4130

September 21, 1987

Mr. Enos C. Mello
Enos C. Mello Dairy
15090 Archibald Avenue
Chino, CA 91710

CEASE AND DESIST ORDER NO. 87-129 FOR ENOS C. MELLO DAIRY

Dear Mr. Mello:

Enclosed is a copy of tentative Cease and Desist Order No. 87-129 for your dairy.

This order is scheduled for consideration at the Regional Board's October 9, 1987, meeting at 9:00 a.m. in the Riverside City Council Chambers at 3900 Main Street, Riverside, California. Please provide any comments to our office by September 30, 1987.

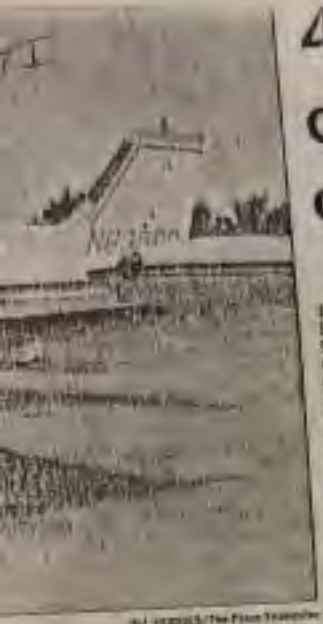
If you have any questions concerning any aspect of this order, please call Li-Min Shih of our Industrial Surveillance Section.

Sincerely,

Gerard J. Thibeault
Supervising Engineer

Enclosure: Tentative Order No. 87-129
Notice of Public Hearing

LMS:kyb



ALL PURPOSES/The Press Enterprise

4 dairy farmers agree to rid land of excess waste

9-18-87

By BILL O'BRISCOLL
The Press-Enterprise

MIRA LOMA — Four dairy farmers, including one from Mira Loma, cited last month by the Santa Ana Regional Water Quality Control Board for disposing of excessive amounts of manure on their land, have agreed to remove the waste for periods ranging up to 25 years, a board official said yesterday.

The board intends to issue cease and desist orders to the farmers at its Oct. 9 meeting, said board assistant executive officer Gerard Thibeault. If the order is issued, the dairymen face possible fines of up to $5,000 a day if they do not comply, he said.

Four other dairy farmers cited for similar violations have said that they erred in calculating how much manure they disposed of on their land, said Gary Stewart, a senior engineer with the board. Stewart said no action will be taken on these cases until the board has finished investigating them.

Farmers are allowed to store up to three tons of manure per acre and are allowed up to 12 tons per acre when used as fertilizer on farmland.

Board members are concerned that excessive manure moved on land or used on crops produces nitrates that can contaminate drinking water supplies underground.

The four farmers are being asked to haul away the manure for as many years as it would have taken to store the excess of the rate of three tons per acre per year, Stewart said.

About 45 other dairy farmers received letters last month from the board telling them that they were either storing too much manure or using too much on their crops. Nearly half the farmers who received letters are from China. Ten farmers are in Ontario, eight in Corona and two in San Jacinto.

These farmers, including five from Mira Loma, do not face action by the board unless they are found violating restrictions during inspections scheduled in October, Stewart said.

Only the most serious violators were singled out for action by the board because the board lacks the manpower to enforce the manure limits on all dairy farmers, Stewart said. He said this is the first year the board has had the manpower to enforce the restrictions.

Sylvester Vander Tuig, the Mira Loma dairyman who faces a cease-and-desist order from the regional board, was out of town yesterday and unavailable for comment, according to his son, Jay, manager of the dairy operation. The Vander Tuig Dairy last year disposed of 3,117 tons of manure on 40 acres of land, exceeding the board's limit of 3 tons per acre by nearly 1,000 tons, according to board figures.

"We didn't realize we were doing anything wrong," Jay Vander Tuig said yesterday. "I hadn't been how much was allowed."

The board said the Vander Tuig Dairy must dispose of all manure it produces until Jan. 1, 1991.

The longest period for disposal imposed by the board was to the Western Sky Dairy in Corona, owned by George Fuderoja. Western Sky must dispose of all of its manure until Jan. 1, 1988, Stewart said.

Some dairymen expressed concern yesterday about the cost of hauling away the waste.

Sylvester Vander Dussen, owner of Sonny Dairies in Corona, said that for a 500-head farm, disposal would cost $15,000 a year, or about $20 per head.

Stewart said the three-ton limit on manure disposal has been printed on dairy permits since 1974, but he said that because the board did little to enforce the limit, dairymen "may have been lulled into a false sense of security."

The board's evaluation of manure usage is based on reports the farmers themselves submit.

Vander Dussen was one of the eight originally cited, but later told the board his report was wrong. Vander Dussen said yesterday that he had reported manure that had been hauled away as having been disposed of on his land because it was easier to do so.

Vander Dussen originally told the board he was using about 20 tons per acre. He said yesterday the real figure was just under the three-ton limit. He said many dairy farmers followed similar reporting practices.

Robert Evenden, general manager of the Milk Producers Council, which represents many Riverside dairies, agreed. "I think the dairymen have to do a little better job reporting.

The 12 tons-per-acre limit for manure used as fertilizer on farmland is relatively new, Stewart said, and has been printed on only a few permits over the past year or two. In its letters to farmers who exceeded this limit, the board said farmers would be given the chance to prove whether their crops needed more than 12 tons per acre.

"The 12 limit is not a third-and-final rule," Stewart said.

aud probe

...ell off the business. The company can attempt to block the sale by appealing to the Board of Equalization.

The aircraft sales company was incorporated in 1976 and suspended for non-payment of state fees at the request of the state Franchise Tax Board in 1983.

The investigation was begun after a state audit of the books turned up discrepancies, Nodson said. After the audit was completed, the state obtained receipts of sales of aircraft not recorded in the books.

The company is estimated to sell as many as 100 planes a year. Most of the aircraft are five to 20 years old and range in price from $20,000 to $70,000.

A tax lien recorded with Riverside County yesterday showed a total tax debt of $1,712,263.03, with the actual tax owed $907,543.32 the interest, $442,710.70, and the penalty, $260,000.

Maj. Gen. Fred Haefiner

OCT. 1971 - DEC. 2005
TADEMA, CHARLIE
[illegible]

Mello Dairies

15090 ARCHIBALD • CHINO, CA 91710
OFFICE: 714 - 941-6395

August 17,1987

Mr. James Bennett
Executive Officer
California Regional Water Quality Control Board
6809 Indiana Ave.,Suite 200
Riverside,Ca. 92506

Dear Sir,
In responce to your letter dated August 4,1987 these are the actions we plan to take.

1)Not spread any fertilizer on the pasture this year.

2)We are in the process of pushing up parts of the pasture into dykes.

3)We will be stock piling any execses manure on the pasture now into a dry stock pile.

Please let us know if these actions are appropiate for your requirements.

Respectfully,

Enos C. Mello

Enos C. Mello
Mello Dairy
15090 Archibald Ave.
Chino, Ca. 91710

ECM:mw

SANTA ANA REGION	
REC'D	DATE
	AUG 19 1987
GJT	
GDS	8/21
RLH	✓
GML	8/21
CAB	8/28

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SANTA ANA REGION
6809 INDIANA AVENUE, SUITE 200
RIVERSIDE, CALIFORNIA 92506
PHONE (714) 782-4130

August 4, 1987

Mr. Enos C. Mello
Mello Dairy
15090 Archibald Avenue
Chino, CA 91710

EXCESSIVE MANURE APPLICATION TO DISPOSAL LAND

Dear Mr. Mello:

The Santa Ana Regional Water Quality Control Board is responsible for protecting the quality of surface water and ground water in this area. One of the major concerns of the Board is the continued build-up of salts in ground water within this region. A major source of this salt is from discharges of dairy manure to the ground. This is why the waste discharge requirements for your dairy limit the amount of manure that can be spread on your disposal land. Anything in excess of that amount contributes to the degradation of ground water quality in the area.

In the 1986 annual report for your dairy which was submitted on November 12, 1986, you reported that 658 tons of manure had been spread on 25 acres of disposal land. This equates to 26.3 tons per acre. Please note that Discharge Specification A. 4 of your waste discharge requirements, Order No. 72-0153, specify that the discharge of dairy wastes shall not cause a pollution. It is the Board's policy that any manure application rate on disposal land above 3 tons per acre will cause a pollution to the waters of the State. Therefore, you have exceeded the limit by 583 tons.

This is to inform you that we are preparing an enforcement action against you for this significant violation of your waste discharge requirements. This action could result in an order to remove the excess manure, a prohibition of spreading any more manure, and/or assessments of civil liability of up to $5,000 for each day of violation. You are therefore requested to submit a report by August 17, 1987, regarding the actions that you propose to implement which will mitigate the affects of your waste discharge. Should your proposed mitigation measures be deemed appropriate, they will be incorporated in the proposed enforcement order.

Should you have any questions, please call me or Gary Stewart or Gary Litton of my staff.

Sincerely,

California Regional Water Quality Control Board
Santa Ana Region
6809 Indiana Avenue, Suite 200
Riverside, CA 92506-4298
Phone: (714) 782-4130

ANNUAL REPORT OF ANIMAL WASTE DISCHARGE

Waste Discharge Requirements, Order No. 73-153.

Reporting Period: From November 1, 1985, to October 31, 1986.

Operator's Name: Earl C. Meeks

Dairy Name: Meeks Dairy No. 1

Dairy Street Address: 4001 Archibald Ave Chino

Business Mailing Address: Same

Dairy Telephone Number: 627-6510

1. Animal Population: (Number of Each)

Milking Cows 799 Heifers 70

Dry Cows 45 Calves

2. Manure Disposal Method

1. Total amount of manure produced 236,880 cu. ft. 2632 tons
2. Amount of corral manure spread on Disposal Acreage 59220 cu. ft. 658 tons
3. Amount of corral manure stockpiled on Disposal Acreage _____ cu. ft. _____ tons
4. Amount of corral manure spread on Cropland Acreage _____ cu. ft. _____ tons
5. Amount of manure hauled away 177660 cu. ft. 1974 tons

Hauler's Name Martinez & Son Trucking

Destination of Manure Fertilizer Co-op

1 Cow produces 2 tons (180 cubic feet) of dry weight manure/year.
1 Heifer produces 1 ton (90 cubic feet) of dry weight manure/year.
1 Horse produces 1 ton (90 cubic feet) of dry weight manure/year.
1 Calf produces .4 ton (36 cubic feet) of dry weight manure/year.

(OVER)

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SANTA ANA REGION

March 3, 1986

Vernon Mello, Operator
Enos Mello Dairy
15090 Archibald Avenue
Chino, CA 91710

VIOLATION OF WASTE DISCHARGE REQUIREMENTS

Dear Mr. Mello:

This is to inform you that Enos Mello Dairy has recently been in violation of Waste Discharge Requirements, Order No. 72-0153, due to the discharge of dairy washwater from its property.

In response to a complaint, Mr. R. C. Chang of this office conducted a site review of your dairy on the morning of January 16, 1986. Mr. Bento Silveira, your assistant, participated in the inspection.

The following observations were made and discussed with Mr. Silveira and your father, Mr. Enos Mello:

1. An opening was found in the south dike of your washwater storage/disposal ponds. Dairy wastewater was discharging into a trench across adjacent farmland and reaching Cucamonga flood control channel.

2. A considerable amount of your dairy wastes appear to have been discharged into the flood control channel in the past few days.

3. Mr. Silveira explained that the violation was due to the negligence of your neighbor who uses your dairy washwater to irrigate his farmland. There are no downstream controls in the farming area to keep the dairy wastewater from discharging into Cucamonga flood control channel.

4. Discharge into the Cucamonga flood control channel was stopped by Mr. Silveira promptly, but it recurred on January 22, 1986.

Your waste discharge requirements specify in part:

"There shall be no discharge of dairy wastes to:
a. Lands not owned or controlled by the discharger,
b. Lands for which the discharger has not obtained permission for waste disposal from the land owner."

"The discharge of dairy wastes shall not cause a pollution."

Therefore, discharge of dairy washwater onto your neighbor's property for irrigation must be stopped immediately. All of your dairy wastes must be

INSPECTION REPORT FORM
REGION 8

Discharger: ENOS MELLO Order No. 72D152

Date: 2/4/86 Time: 11:40 A.M. Inspector: N. A. GRANBERG

Discharger Rep. (Name and Title): JOSELINO ORMONDE (EMPLOYEE).

Reason for Inspection: FOLLOW-UP ON 1/16/86 INSPECTION

Weather Conditions: SUNNY (RAIN HAD OCCURRED ON 1/30 AND 1/31/86)

Samples Taken? NO Photos Taken? NO

A. Current Requirements and M & R Violations: MANURE WATER SHOULD BE RETAINED ON ENOS MELLO PROPERTY.

Discussed with Representative? No.

B. Observations Made, Explanations Given, and Corrective Action to be Taken:

BERMS SOUTH OF POND AREAS WERE INTACT WITH NO DIVERSION OF WATER THROUGH DITCHES ENTO ADJACENT FARM LAND. ALL MANURE WATER WAS CONTAINED ON THE ENOS MELLO PROPERTY.

DRAINAGE DITCH ACROSS THE ADJACENT FARM LAND DID NOT CONTAIN RUNNING WATER THERE WAS SOME STAGNANT WATER THAT PROBABLY WAS A HOLDOVER FROM THE HEAVY RAINS THAT OCCURRED ON 1/30 AND 1/31/86.

SIMILAR "HOLD OVER" PUDDLES WERE NOTICED IN THE NEW DITCH THAT BORDERS THE FARM LAND ALONG REMINGTON AVENUE.

NO WATER WAS FLOWING INTO THE

INSPECTION REPORT FORM
REGION 8

Discharger: Enos Mello Order No. [illegible]

Date: [illegible] Time: [illegible] pm Inspector: [illegible]

Discharger Rep. (Name and Title): [illegible]

Reason for Inspection: Complaint investigation

Weather Conditions: Hazy

Samples Taken? No Photos Taken? No

A. Current Requirements and M & R Violations: Yes

Discussed with Representative? Yes

B. Observations Made, Explanations Given, and Corrective Action to be Taken:

1. Measured water was discharging into a trench across adjacent farmland and finally reached Cucamonga flood channel. The off-site discharge was stopped before 2 pm.
2. Inspected dairy site with Bento. There are two ponds in the disposal area serving as evaporation/percolation ponds.
3. Waste control facilities appear adequate to comply with WDR. This dairy site has no street runoff flooding problem.
4. Bento explained that discharge into the flood channel was probably [illegible] the negligence of their neighbor who used their wash water to irrigate the farmland. He guarantees it won't happen again.
5. Discussed the violation with Enos Mello, the owner. Enos' son, Vernon Mello is actually operating this dairy.
6. No past violation

California Regional Water Quality Control Board
Santa Ana Region

COMPLAINT AND SPILL REPORT FORM

1. Person Reporting: _____
   Date: _____ Time: _____
2. Address: _____ Phone No. _____
3. Regarding - Responsible Party (organization, address, phone, contact):
4. Date of Occurrence: _____ Time: _____
5. Description (include material, volume, location, and predicted movement for spills): _____
6. Other Agencies Notified: _____
7. Report Taken By: _____ Mode of Report: _____ (phone, letter, visit, etc.)
8. Referred To: _____
9. Findings of Investigation: _____

1. Arrived reported area at 11:30 am. Jan 16 1996. Measured water was discharging into Cucamonga Flood Channel (See attached Picture A). Amount of discharge was not very significant.
2. Traced the discharge along a new ditch cross the farmland to

Enos Mello Dairy. Discussed the violation with Enos Mello. Enos's son, Vernon is actually operating the dairy but he was not available. 3 Came back at 2pm. The discharge was stopped. (Picture B, C & D) 4 Inspected the dairy with Berto Silveira, Mr. Mello's assistant. There is enough area in this dairy for wastewater disposal. Berto explained that the violation was probably due to the negligence of their neighbor who used the wastewater to irrigate his farmland. 5 The dairy site is not affected by the street runoff from the north. 6 Berto guaranteed it would not happen again. 7 No past violations in our files.

10. Action Recommended: A noncompliance letter to Mr. Mello followed by frequent step-by inspections.

11. Action Taken:

12. Results of Action:

Enos Mello Dairy

California Regional Water Quality Control Board
Santa Ana Region
6809 Indiana Avenue, Suite 200
Riverside, CA 92506-4298
Phone: (714) 684-9330

MAS

EXPAND

ANNUAL REPORT OF ANIMAL WASTE DISCHARGE

Waste Discharge Requirements, Order No. 72-D-153

Reporting Period: From November 1, 1984, to October 31, 1985.

Operator's Name: Vernon L. Mello

Dairy Name: Mello Dairy No. 1

Dairy Street Address: 15066 Archibald Ave, Chino 91710

Business Mailing Address: 15066 Archibald Ave, Chino 91710

Dairy Telephone Number: (914) 947-6333

1. Animal Population: (Number of Each)

Milking Cows 1045 (2) = 2090 Heifers 75 (1) = 75

Dry Cows 495 (2) = 990 Calves 150 (.4) = 60

3210

2. Manure Disposal Method

1. Total amount of manure produced 289350 cu. ft. 3215 tons
2. Amount of corral manure spread on Disposal Acreage _____ cu. ft. _____ tons
3. Amount of corral manure stockpiled on Disposal Acreage _____ cu. ft. _____ tons
4. Amount of corral manure spread on Cropland Acreage _____ cu. ft. _____ tons
5. Amount of manure hauled away 289350 cu. ft. 3215 tons

Hauler's Name Martinez + Sons

Destination of Manure Unknown

1 Cow	produces	2 tons	(180 cubic feet) of dry weight manure/year.
1 Heifer	produces	1 ton	(90 cubic feet) of dry weight manure/year.
1 Horse	produces	1 ton	(90 cubic feet) of dry weight manure/year.
1 Calf	produces	.4 ton	(36 cubic feet) of dry weight manure/year.

(OVER)

Received 10/29/84

California Regional Water Quality Control Board
Santa Ana Region
6809 Indiana Avenue, Suite 200
Riverside, CA 92506-4290
Phone: (714) 684-9330

ANNUAL REPORT OF ANIMAL WASTE DISCHARGE

Waste Discharge Requirements, Order No. 72-0159

Reporting Period: From November 1, 1983, to October 31, 1984.

Operator's Name: Mello Dairy No. 1

Dairy Name: Vernon L Mello

Dairy Street Address: 2830 Archibald Ave. Chino 91710

Business Mailing Address: "

Dairy Telephone Number: (714) 942-6279

1. Animal Population: (Number of Each)

Milking Cows 500 (1) 1000 Heifers 150 (1) = 150

Dry Cows 175 (1) 340 Calves none

1490

2. Manure Disposal Method

1. Total amount of manure produced 135000 cu. ft. 1500 tons
2. Amount of corral manure spread on Disposal Acreage 0 cu. ft. 0 tons
3. Amount of corral manure stockpiled on Disposal Acreage 67500 cu. ft. 750 tons
4. Amount of corral manure spread on Cropland Acreage 0 cu. ft. 0 tons
5. Amount of manure hauled away 67500 cu. ft. 750 tons

Hauler's Name Martinez & Sons

Destination of Manure ?

1 Cow	produces	2 tons	(180 cubic feet) of dry weight manure/year.
1 Heifer	produces	1 ton	(90 cubic feet) of dry weight manure/year.
1 Horse	produces	1 ton	(90 cubic feet) of dry weight manure/year.
1 Calf	produces	.4 ton	(36 cubic feet) of dry weight manure/year.

(OVER)

California Regional Water Quality Control Board
Santa Ana Region
6809 Indiana Avenue, Suite 200
Riverside, CA 92506-4298
Phone: (714)684-0330

AMAS

ANNUAL REPORT OF ANIMAL WASTE DISCHARGE

Waste Discharge Requirements, Order No. 72-0153

Reporting Period: From November 1, 1982, to October 31, 1983.

Operator's Name: [illegible]

Dairy Name: [illegible]

Dairy Street Address: [illegible]

Business Mailing Address: [illegible]

Dairy Telephone Number: [illegible]

1. Animal Population: [Number of Each]

Milking Cows	[illegible] (2) = 1100	Horses	[illegible]
Dry Cows	[illegible] (2) = 0200	Pigs	[illegible]
Heifers	[illegible]	Chickens	[illegible]
Calves	[illegible]	Others (specify)	[illegible]

TOT. POP. 650 (1300)

2. Manure Disposal Method

1. Total amount of manure produced	[illegible]	cu.ft.	[illegible] tons
2. Amount of corral manure spread on Disposal Acreage	[illegible]	cu.ft.	[illegible] tons
3. Amount of corral manure stockpiled on Disposal Acreage	[illegible]	cu.ft.	[illegible] tons
4. Amount of corral manure spread on Cropland Acreage	[illegible]	cu.ft.	[illegible] ton
5. Amount of manure hauled away	[illegible]	cu.ft.	[illegible] to

Hauler's Name [illegible]

Destination of Manure [illegible]

1 Cow	produces	2 tons	(180 cubic feet) of dry weight manure/year.
1 Heifer	produces	1 ton	(90 cubic feet) of dry weight manure/year.
1 Horse	produces	1 ton	(90 cubic feet) of dry weight manure/year.
1 Calf	produces	.4 ton	(36 cubic feet) of dry weight manure/year.
1 Pig	produces	.2 ton	(18 cubic feet) of dry weight manure/year.
1 Chicken	produces	.004 ton	(.36 cubic feet) of dry weight manure/year.

(OVER)

1. File Original in Complaint File
2. File Copy in _____

California Regional Water Quality Control Board
Santa Ana Region

COMPLAINT AND SPILL REPORT FORM

1. Person Reporting: Walter Kruke
   Date: 5-16-83 Time: 8:00
2. Address: 7812 Chino Ave Phone No. 947-5575
   Chino
3. Regarding - Responsible Party (organization, address, phone, contact):
   Vernon Mello
   15090 Archibald Ave
   Chino
4. Date of Occurrence: _____ Time: unknown
5. Description (include material, volume, location, and predicted movement for spills): Manured water flowing onto crop land, flooding crops, got tractor stuck.
6. Other Agencies Notified: Co. Dairy Sanitation Dept.
7. Report Taken By: MAS Mode of Report: (phone, ~~letter~~, ~~visit~~, ~~etc.~~)
8. Referred To: MAS
9. Findings of Investigation: I telephoned the Mello Dairy on 5-16, 17 and 25, 1983 left message no response from Mello.

California Regional Water Quality Control Board
Santa Ana Region
6809 Indiana Avenue, Suite 200
Riverside, CA 92506
Phone: (714) 684-9130

MAS

ANNUAL REPORT OF ANIMAL WASTE DISCHARGE

Waste Discharge Requirements, Order No. 72-153

Reporting Period: From November 1, 1981 to October 31, 1982.

Operator's Name: Eric Wells Vernon Wells

Dairy Name: Wells Dairy #1

Dairy Street Address: 15991 Archibald Chino CA 91710

Business Mailing Address: Same

Dairy Telephone Number: 714 947-8893

1. Animal Population: (Number of Each)

Milking Cows	500 (2) = 1000	Horses	
Dry Cows	100 (2) = 200	Pigs	
Heifers	90 (1) = 90	Chickens	
Calves	0	Others (specify)	

Tot. Pop. 690 (1290)

2. Manure Disposal Method

1.	Total amount of manure produced	40,000	cu.ft.	1000 tons
2.	Amount of corral manure spread on Disposal Acreage	0	cu.ft.	0 tons
3.	Amount of corral manure stockpiled on Disposal Acreage	0	cu.ft.	0 tons
4.	Amount of corral manure spread on Cropland Acreage	0	cu.ft.	0 t
5.	Amount of manure hauled away	00 000	cu.ft.	1000

Hauler's Name Martinez & Sons

Destination of Manure Local Mill

1 Cow	produces	2 tons	(180 cubic feet) of dry weight manure/year.
1 Heifer	produces	1 ton	(90 cubic feet) of dry weight manure/year.
1 Horse	produces	1 ton	(90 cubic feet) of dry weight manure/year.
1 Calf	produces	.4 ton	(36 cubic feet) of dry weight manure/year.
1 Pig	produces	.2 ton	(18 cubic feet) of dry weight manure/year.
1 Chicken	produces	.004 ton	(.36 cubic feet) of dry weight manure/year.

(OVER)

1. File Original in Complaint File
2. File Copy in _____

California Regional Water Quality Control Board
Santa Ana Region

Red File

COMPLAINT AND SPILL REPORT FORM

1. Person Reporting: Walter Butschge
   Date: 12/29/82 Time: 08:20 hrs
2. Address: _____ Phone No. 707.5575
3. Regarding - Responsible Party (organization, address, phone, contact):
   Mello Dairy
   15090 Archibald Ave 714-947-6399
4. Date of Occurrence: Every year Time: Continuous
5. Description (include material, volume, location, and predicted movement for spills):
   Manured water continuing to flow onto his field. Previously called RWQCB & nothing has been done.
6. Other Agencies Notified: None.
7. Report Taken By: DMA Mode of Report: Phone (phone, letter, visit, etc.)
8. Referred To: RWQCB
9. Findings of Investigation: On 1/4/83 I noted no discharge of wastewater from the property. However, there was a cut in the southwest property line. It the dike serves two functions, one to separate the properties, two, con

(over)

STATE OF CALIFORNIA—RESOURCES AGENCY

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SANTA ANA REGION

[illegible] INDIANA AVENUE, SUITE 200
RIVERSIDE, CALIFORNIA 92506
PHONE: (714) 684-8595

December 27, 1982

Mr. Enos Mello
E. Mello Dairy
15090 Archibald
Chino, CA 91710

Dear Mr. Mello:

This will confirm the inspection of your dairy wastewater containment controls by Michael Salter of this office accompanied by Joe, your foreman, on December 17, 1982. Mr. Salter noted wastewater discharging off of your property to the adjacent field south of your dairy.

This discharge of wastewater is a violation of Discharge Specifications 1. and 2. of your waste discharge requirements, Order No. 72-0155 which states:

1. There shall be no discharge of dairy wastes to:

   a. Lands not owned or controlled by the discharger
   b. Lands for which the discharger has not obtained permission for waste disposal from the land owner.

2. The discharger shall provide facilities to contain the runoff from manured areas that would result from 1.3 times the 10-year 24-hour rainfall at this location as determined at Chino Station. Ten-year 24-hour storm at this station is equivalent to 4.55 inches.

Accordingly, Joe was requested on December 17, 1982 to stop the discharge and to provide wastewater containment controls (i.e. dikes) to prevent any further discharges from your property. You are requested to submit a written report to this office by January 10, 1982 confirming the steps taken to provide the necessary controls.

If you need any assistance in determining your necessary controls, we suggest that you contact either Mr. Shirl Bishop with the University of California Cooperative Extension (714-683-6491) or Mr. George Schutte with the West End Resource Conservation District (714-627-9372).

DAIRY TECHNICAL REPORT

Return to: California Regional Water Quality Control Board
Santa Ana Region
6809 Indiana Avenue, Suite 200
Riverside, CA 92506
Phone: (714) 689-9230

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
JUL 2 1982
SANTA ANA REGION

DIRECTIONS: Print or type answers to all questions. If the question does not apply to your operation, use N/A. This report must be signed to be complete. If you need more space, please use any regular notebook paper.

Dairy Operator: VERNON L. HELLO

Dairy Name: HELLO DAIRY #1

Dairy Street Location: 15066 ARCHIBALD CHINO, CALIFORNIA 91710

Dairy Mailing Address: 15090 ARCHIBALD CHINO, CALIFORNIA 91710
(Street or Route and Box No.)

(City) (Zip Code)

Telephone Number: (714) 947-6399

The following definitions are to be used when completing this report:

Dairy - A dairy is defined as that area designated by the discharger as necessary for proper management and operation of the dairy. This designation shall include, but not be limited to, the dairy buildings, corrals, and land described as necessary for the proper disposal or containment of wash water and manured storm water runoff. Any land area controlled by the discharger which is not used for the dairy operation as described by the discharger shall be excluded.

Dairy Wastes - As used herein, means wash water and flushing water, runoff from manured areas, manure holding areas, manure piles, and manure disposal areas.

Manured Areas - Corrals, feedyards, manure collection areas of any kind, and areas used for storage, composting, and/or drying of animal wastes.

Wash Water - Water which contains suspended animal manures as a result of having been used for washing animals, equipment, or to clean manured areas.

Cropland - Cropland is that acreage used exclusively for growing and harvesting crops. This definition excludes the dairy area, disposal area, and all manured areas.

DEC 1971 - [illegible] 2000
FEDERAL COURIER
[illegible] CATTLE CO.
[illegible] ARCHIBALD AVE. CHINO

STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
DEPARTMENT OF HEALTH SERVICES
SOLID WASTE MANAGEMENT BOARD
DEPARTMENT OF FORESTRY

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

JUN 2 - 1982

APPLICATION FOR [illegible] REGION
FACILITY PERMIT/WASTE DISCHARGE

#8 6069

This form is to be used for filing plan (check all appropriate)

1. [x] REPORT OF WASTE DISCHARGE
   Statement to Division 7 of the State Water Code
2. [ ] APPLICATION FOR A HAZARDOUS WASTE FACILITY PERMIT
   Statement to Health and Safety Code Section 25200
3. [ ] APPLICATION FOR A SOLID WASTE FACILITIES PERMIT
   Statement to Government Code Section 66796.30
4. [ ] APPLICATION FOR A RUBBISH DUMP PERMIT
   Statement to Public Resources Code Sections 4371—4375 and 4400

Form 301 Rec'd	6-23-82
Fee Unit(s)	[illegible]
Letter to Discharger	
Report Rec'd	
Effective Date	
CDF Notified	
DDHS No.	
Sealed No.	

I. FACILITY

A. NAME OF FACILITY
MELLO DAIRY #1 — TELEPHONE # (714) 947-6399
15090 ARCHIBALD AVE. , CHINO, CA. — ZIP CODE 91710

B. NAME OF LEGAL OWNER OF FACILITY
ENOS C. MELLO & VERNON L. MELLO — TELEPHONE # (714) 947-0607
15066 ARCHIBALD AVE. CHINO, CA. — ZIP CODE 91710

C. NAME OF BUSINESS OPERATING FACILITY
MELLO DAIRY #1 — TELEPHONE # (714) 947-6399
15090 ARCHIBALD AVE.,CHINO,CA. — ZIP CODE 91710

D. TYPE OF BUSINESS OPERATING FACILITY
[ ] Sole Proprietorship [x] Partnership [ ] Corporation [ ] Government Agency

E. NAME OF OWNER(S) OF BUSINESS OPERATING FACILITY
ENOS C. MELLO & VERNON L. MELLO — TELEPHONE # (714) 947-0607
ADDRESS WHERE LEGAL NOTICE MAY BE SERVED
15090 ARCHIBALD AVE.,CHINO, CA. — ZIP CODE 91710

II. REASON FOR FILING

CHECK ALL APPROPRIATE:

A. [ ] New discharge or facility
B. [ ] Existing discharge or facility
C. [ ] Increase in quantity of discharge
D. [ ] Change in character of discharge
E. [ ] Change in place or method of disposal
F. [ ] Change in design or operation
G. [ ] Change in business operating facility
H. [x] Enlargement of existing facility
I. [ ] Other (explain below)

III. TYPE OF OPERATION

CHECK ALL APPROPRIATE:

A. [ ] Transfer station
B. [ ] Solid waste disposal site
C. [ ] Hazardous waste disposal site
D. [ ] Sewage treatment
E. [x] Industry (on-site disposal facility)
F. [ ] Industry (discharge to sewer)
G. [ ] Woodwaste site
H. [ ] Other (explain below)

IV. TYPE OF WASTE

CHECK ALL APPROPRIATE:

A. [ ] Sewage, sewage sludge, and/or septic tank pumpings
B. [ ] Industrial wastes
C. [ ] Municipal solid wastes
D. [ ] Hazardous wastes
E. [ ] Agricultural wastes
F. [x] Animal wastes
G. [ ] Forest product wastes
H. [ ] Construction/demolition wastes
I. [x] Inert materials
J. [ ] Dead animals
K. [ ] Tires
L. [ ] Other (explain below)

V. SITE DESIGN CAPACITY

A. PRESENT POPULATION OR CAPACITY	B. DESIGN POPULATION OR ULTIMATE CAPACITY	C. LIFE EXPECTANCY (YEARS)
600		

(OVER)

A. ☐ MUNICIPAL OR UTILITY SERVICE:

NAME OF WATER SUPPLIER

ADDRESS OF SUPPLIER

B. ☒ INDIVIDUAL WELL

C. ☐ SURFACE SUPPLY:

NAME OF STREAM, LAKE, SPRING, ETC. (IF KNOWN)

TYPE OF WATER RIGHT: ☐ Riparian ☐ Appropriation

WATER RIGHT PERMIT OR LICENSE #

IX. ENVIRONMENTAL IMPACT REPORT (EIR)

Has an EIR been prepared for this project? If "Yes", please enclose a copy.	☐ Yes	☒ No
If "No", will an EIR be prepared?	☐ Yes	☐ No
Will a negative declaration be prepared? If "Yes", please answer the following:	☐ Yes	☒ No

WHO WILL PREPARE THE NEGATIVE DECLARATION?

APPROX. DATE OF COMPLETION

CERTIFICATION

I hereby certify under penalty of perjury that the information provided in this application and in any attachments is true and accurate to the best of my knowledge.

SIGNATURE OF OWNER OF FACILITY		SIGNATURE OF OPERATOR OF FACILITY	
		X	
PRINTED OR TYPED NAME		PRINTED OR TYPED NAME	
VERNON L. MELLO		VERNON L. MELLO	
TITLE	DATE	TITLE	DATE
PARTNER	6-18-82	PARTNER	6-18-82

LIST TITLES OF ANY ATTACHMENTS:

You will be notified of the correctness of filing fee and submittal of any additional information deemed necessary to complete your Report of Waste Discharge pursuant to Division 7, Section 13260 of the State Water Code, or to complete your permit application pursuant to Government Code Section 66796.30 and Health and Safety Code Section 25200.

OCT 1973 - DEC 2005
TADEMA CHARLIE
dba TADEMA CATTLE CO
15090 ARCHIBALD AVE. CHINO

California Regional Water Quality Control Board
Santa Ana Region
6509 Indiana Avenue, Suite 200
Riverside, CA 92506
Phone: (714) 684-9330

MAS

RECEIVED [illegible] 7 1981

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
NOV - 9 1981
SANTA ANA REGION

ANNUAL REPORT OF ANIMAL WASTE DISCHARGE

Waste Discharge Requirements, Order No. 72-0153

Reporting Period: From November 1, 1980 to October 31, 1981

Operator's Name: Chas Mello / Vernon Mello

Dairy Name: Mello Dairy #1

Dairy Street Address: 15290 Archibald Chino CA 92710

Business Mailing Address: Same

Dairy Telephone Number: 947-6399

1. Animal Population: (Number of each)

Milking Cows 600(2)=1200 Horses _____

Dry Cows 150 (2)=300 Pigs _____

Heifers _____ 1500 Chickens _____

Calves _____ Others (specify) _____

TOT. POP. 750

2. Manure Disposal Method

1. Total amount of manure produced _____ cu.ft. 1500 tons
2. Amount of corral manure spread on Disposal Acreage _____ cu.ft. _____ tons
3. Amount of corral manure stockpiled on Disposal Acreage _____ cu.ft. _____ tons
4. Amount of corral manure spread on Cropland Acreage _____ cu.ft. _____ tons
5. Amount of manure hauled away _____ cu.ft. ALL tons

CALLED MA

Haulers' Name RC Gonzales

1 Cow	produces	2 tons	(180 cubic feet)	of dry weight manure/year.
1 Heifer	produces	1 ton	(90 cubic feet)	of dry weight manure/year.
1 Horse	produces	1 ton	(90 cubic feet)	of dry weight manure/year.
1 Calf	produces	.4 ton	(36 cubic feet)	of dry weight manure/year.
1 Pig	produces	.2 ton	(18 cubic feet)	of dry weight manure/year.
1 Chicken	produces	.004 ton	(.36 cubic feet)	of dry weight manure/year.

California Regional Water Quality Control Board
Santa Ana Region
6809 Indiana Avenue, Suite 200
Riverside, CA 92506
Phone: (714)684-4330

OMAS

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
DEC 12 1980
SANTA ANA REGION

REPORT OF ANIMAL WASTE DISCHARGE

Waste Discharge Requirements, Order No. 72-158

Reporting Period: From November 1, 1979, to October 31, 1979.

Operator's Name: ENOS & VERNON MELLO DAIRY

Business Name: ENOS & VERNON MELLO DAIRY

Business Street Address: 15040 ARCHIBALD AVE, CHINO, CA. 91710

Business Mailing Address: same as above

Business Telephone Number: 947-6399

Animal Population: (number of each)

Milking Cows	500 (2) = 1000	Horses	
Dry Cows	200 (2) = 400	Pigs	
Heifers	100 (1) = 100	Chickens	
Calves		Others (specify)	

1500

TOT. POP. 800

Total Area: 38 acres.

Total Manure Disposal Area: unknown acres.

Wash Water Disposal Method (dairies only)

Check Proper Box: Sewer ____ Flood Irrigation ____ Sprinkler ____

*Total Volume of Manure Produced During Report Period ____ cu.ft. or 1606 tons

Volume of Manure Spread on Disposal Area ____ cu.ft. or ____ tons

CONTINUED ON OTHER SIDE

*For the purpose of this report, the following approximation may be used:

1 cow produces 2 tons (dry weight) = 180 cubic feet of manure per year.
1 heifer produces 1 ton = 90 cubic feet of manure per year.
1 calf produces .4 ton = 36 cubic feet of manure per year.
1 horse produces 1 ton = 90 cubic feet of manure per year.
1 pig produces .2 ton of manure per year.
400 chickens produce 1.5 tons of manure per year.

OCT 1971 [illegible]
TADEMA [illegible]
dba TADEMA CATTLE [illegible]
[illegible] ARCHIBALD AVE. [illegible]
[illegible]

California Regional Water Quality Control Board
Santa Ana Region
[illegible] Indiana Avenue, Suite [illegible]
Riverside, CA [illegible]
Phone: (714) [illegible]

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
OCT 11 1978
SANTA ANA REGION

OMAS

Report of Animal Waste Discharge 10/31/78 (Date) Order No. 72 D 153

Reporting Period (month, year) from 7/1/77 to 6/30/78

Business Name: MELLO DAIRY

Operator's Name: ENOS MELLO

Business Street Address: 15090 ARCHIBALD, ONTARIO 91710

Business Mailing Address: ✓

Business Telephone Number: 622-1409

Animal Population: (number of each)

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
NOV 13 1978
SANTA ANA REGION

Milking Cows 700 X 2 = 1400 Horses _____

Dry Cows 200 X 2 = 400 Pigs _____

Heifers _____ 1800 Chickens _____

Calves _____ Others (specify) _____

Operating area*: 38 acres.

Wash Water Disposal Method (dairies only)

Check Proper box: Sewer ____ Flood Irrigation X Sprinkler ____

Total Volume of Manure Produced During Report Period ____ cu.ft. or 165 tons

Manure Disposal Area: 15 acres

X Volume of Manure Spread on Disposal Area ~~none~~ cu.ft. or Hauled out _____ tons

Volume of Manure Hauled Away:

Date	Volume (cu.ft. or tons)	Hauler's Name	Hauler's Address
8/10/77		M. BERNAL	Pd $500
11/26/77		P. MUNOZ	Pd $1291.
1/7/78		P. MUNOZ	Pd $1760.
4/28/78		FERT. HAUL INC.	Pd $400

(over)

OCT. 1971 – DEC. 2005
TADEMA CHARLIE
dba TADEMA CATTLE CO
15090 ARCHIBALD AVE. CHINO
[illegible]

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

NOV 23 1977

SANTA ANA REGION

California Regional Water Quality Control Board
Santa Ana Region
6633 Indiana Avenue, Suite 1
Riverside, CA 92506
Phone: (714) 684-9330

MRS

Report of Animal Waste Discharge 11-15-77 Order No. _____
Date
Reporting Period (month, year) from 10-1-76 to 9-30-77

Business Name: ENOS MELLO DAIRY

Operator's Name: ENOS MELLO

Business Street Address: 15090 ARCHIBALD AVE. CHINO 91710

Business Mailing Address: ✓

Business Telephone Number: 622-1409

Animal Population: (number of each)

Milking Cows 500 X 2 = 1000 Horses _____

Dry Cows 150 X 2 = 300 Pigs _____

Heifers 50 X 1 = 50 Chickens _____

Calves _____ 1350 Others (specify) _____

Operating area*: 58 acres.

Wash Water Disposal Method (dairies only)

Check Proper box: Sewer ____ Flood Irrigation X Sprinkler ____

Total Volume of Manure Produced During Report Period ____ cu.ft. or 1300 tons

Manure Disposal Area: 15 acres

Volume of Manure Spread on Disposal Area _____ cu.ft. or _____ tons

Volume of Manure Hauled Away:

	Date	Volume (cu.ft. or tons)	Hauler's Name	Hauler's Address
1500	8-10-77		M. BERNAL	CHINO
1200	4-16-77		MARTINEZ & SON	CHINO

California Regional Water Quality Control Board
Santa Ana Region
6809 Indiana Avenue, Suite J
Riverside, CA 92506
Phone: (714)686-4310

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

DEC - 7 1976

SANTA ANA REGION

Report of Animal Waste Discharge 12-15-76 (Date) Order No.

Business Name: Enos Mello Dairy

Operator's Name: Enos Mello

Business Street Address: 15696 Archibald, Chino, CA 91710

Business Mailing Address: Same

Business Telephone Number: 627-1409

Animal Population (specify type) 800 Cows & Bulls Various Ages

Dairy Acreage: 38 acres

Wash Water Disposal Method (dairies only) - gallons per day: 25,000

Check proper box: Sewer ____ Flood Irrigation X Sprinkler ____

Total Volume of Manure Produced During Report Period ____ cu.ft. or 1450 tons

Disposal Area: 15 acres

Volume of Manure Spread on Disposal Area ____ cu.ft. or ____ tons

Volume of Manure Hauled Away:

Date	Volume (cu.ft. or tons)	Hauler's Name	Hauler's Address
7/4/76	1450	Martinez & Son,	Chino

$700.00

-1-

California Regional Water Quality Control Board
Santa Ana Region
6833 Indiana Avenue, Suite I
Riverside, CA 92506
Phone: (714) 684-9030

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
OCT 28 1975
SANTA ANA REGION

Report of Animal Waste Discharge 1975 (Date) Order No. _____

Reporting Period (month, year) from 1975 to _____

Business Name: Dave Mehl's Dairy

Operator's Name: Dave Mehls

Business Street Address: 15090 Archibald, Chino, Ca

Business Mailing Address: Same

Business Telephone Number: 622-1409

Animal Population: (number of each)

Milking Cows	500	Horses	
Dry Cows	140	Pigs	
Heifers	60	Chickens	
Calves		Others (Specify)	

Operating area*: 38 acres

Wash Water Disposal Method (dairies only):

Check proper box: Sewer _____ Flood Irrigation ✓ Sprinkler ____

Total Volume of Manure Produced During Report Period 296140 cu.ft. or ____ tons

Manure Disposal Area: _____ acres

Volume of Manure Spread on Disposal Area _____ cu.ft. or _____ tons

Volume of Manure Hauled Away:

Date	Volume (cu.ft. or tons)	Hauler's Name	Hauler's Address
4/75	173700 CU.FT.	A. MORENO JR.	Merrill Ave. CHINO, CA
4/75	76000 CU.FT.		
10/75	37440 CU.FT	✓	984-0441 Olga
10/75	9000 CU.FT.		

OCT 1971 - [illegible] 2005
TADEMA, CHARLIE
dba TADEMA CATTLE CO
15090 ARCHIBALD AVE. CHINO
ORD 99-11 CAG010001

No. B-150

Department of Environmental Health Services
Milk and Dairy Services Division
San Bernardino County

PRODUCER PERMIT
Non-Transferable

This PERMIT authorizes Enos C. Mello to engage

in the business of producer dairy

under the name of Enos Mello 622-1409

Location 15090 Archibald, Chino, CA 91710

and to sell, handle, or distribute milk and cream in accordance with the provisions of the San Bernardino County Health & Safety Code, and Division IV of the State Agricultural Code.

RICHARD L. ROBERTS, R.S., MPH, Director
By B. A. Pedersen
BENJ T. A. PEDERSEN, R.S. Supervisor
Milk and Dairy Services Division

Date Issued: Dec. 27, 1974

Date Expires: Dec. 31, 1975

04-0648-01) REV. 5/74

Zip Code

Dairy Telephone No.: 714-622-1409

If Leased, Property Owner: _____

Owner's Mailing Address: _____

Zip Code

Owner's Telephone No.: _____

CALIFORNIA REGIONAL WATER
QUALITY CONTROL BOARD

APR 16 1974

TECHNICAL REPORT

To: California Regional Water Quality Control Board
Santa Ana Region
6048 Magnolia Avenue, Suite 4
Riverside, Ca. 92506
Telephone (714)689-9330

(1) From:

Dairy Operator: Eros C. Mello Dairy
(Name)

Dairy Street Address: 15690 Archibald

Mailing Address: _____ Chino 91710
(Street or Route & Box No.) (City) (Zip Code)

If Leased, Name Property Owner _____
(Name)

Mailing Address: _____
(Street or Route & Box No.) (City) (Zip Code)

Telephone No.: 622-1409

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
OCT 12 1971
SANTA ANA REGION

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
OCT 20 1971
SANTA ANA REGION

(over)

(3) Animal Population (Include calves over 3 months) Insert number of animals.

a) milking cows 150 b) dry cows 100
c) heifers over 1 year old _____ d) calves 3 months to 1 year old _____

(4) Source of Domestic Water Supply (check one or more)

a) Individual domestic well ✓
b) Well owned by neighbor _____
(If so, give name, address, and location of well) _____

c) Water company or city supply _____
(Name of Supplier)

d) Average daily wash water use in dairy (if available or can be estimated)

or 5000 gallons per day
_____ _____ (give units of measurement)

(5) Type of water treatment, if any:

a) Is water softener used? yes

(1) Is unit recharged on-site (salt added on-site)? yes

(a) No. lbs. salt used per month 150

(2) Is unit removed from premise for recharge by service company? no

(6) Describe how dairy wastes are disposed of at this facility (to sewer; sprinkled on field; flood irrigated):

a) Wash water:
(If not now retained on property, how will it be retained? If storage is used, so state.)

Flood irrigated on 30 acres perm. pasture

b) Manure from corral:

Percent spread on own pasture (approximate) 50%
Percent hauled away (approximate) 50%

Emma Mello
Name of Person Making This Report

Emma Mello
Signed

Matthew Rodriquez
Secretary for
Environmental Protection

Department of Toxic Substances Control

Barbara A. Lee, Director
1001 I Street
P.O. Box 806
Sacramento, California 95812-0806

Edmund G. Brown Jr.
Governor

EPA ID PROFILE

Map

ID Number: **CAC002613524** **Name :** LOUIS KINGMA

Status: INACTIVE **Inactive Date:** 08/21/2007 **Record Entered:** 02/21/2007 **Last Updated:** 09/12/2007

County: SAN BERNARDINO **NAICS:** **SIC:**

	Name	Address	City	State	Zip Code	Phone
Location	LOUIS KINGMA	14744 ARCHIBALD AVE 33.997264 -117.593284	ONTARIO	CA	917627346	
Mailing		13456 KIWI AVE	CORONA	CA	928807289	
Owner	LOUIS KINGMA	13456 KIWI AVE	CORONA	CA	928807289	9518084745
Operator/ Contact	LOUIS KINGMA	13456 KIWI AVE	CORONA	CA	928807289	9518084745

Based ONLY upon ID Number **CAC002613524**

Calif. Manifests ?	Non Calif. Manifests ?	Transporter Registration ?
NO	NO	NO

California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Matthew Rodriquez
Secretary for
Environmental Protection

Department of Toxic Substances Control

Barbara A. Lee, Director
1001 I Street
P.O. Box 806
Sacramento, California 95812-0806

Edmund G. Brown Jr.
Governor

EPA ID PROFILE

ID Number: CAL000282582 **Name :** GEORGE VERHOEVEN GRAIN INC

Status: INACTIVE **Inactive Date:** 07/09/2010 **Record Entered:** 05/27/2004 **Last Updated:** 07/09/2010

County: RIVERSIDE **NAICS:** 11212 **SIC:** 0241

	Name	Address	City	State	Zip Code	Phone
Location	GEORGE VERHOEVEN GRAIN INC	6301 ARCHIBALD	CORONA	CA	91720	
Mailing		5355 E AIPORT DRIVE	ONTARIO	CA	917618604	
Owner	GEORGE VERHOEVEN GRAIN INC	5355 E AIRPORT DR	ONTARIO	CA	917618604	9096051531
Operator/ Contact	ROBERT VERHOEVEN	5355 E AIRPORT DR	ONTARIO	CA	917618604	9096051531

Based ONLY upon ID Number **CAL000282582**

Calif. Manifests ?	Non Calif. Manifests ?	Transporter Registration ?
NO	NO	NO

California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Address: 15090 S ARCHIBALD AV ONTA Permit No. **B200305259**

City of Ontario Building Department

Owner	Contractor	Designer
TADEMA CHARLIE 8176 GRAPEWIN ST CORONA CA 92880 909-735-9435	CIRCLE CITY ROOFING 2834 HAMNER AVE #138 NORCO, CA 92860 736-5252 Lic #: 674814	Lic #:

Date: 12-05-2003
Tract:
Sq.Ft.: 7800
Units: 0
Stories: 0
Occ:
DAB #: 0

Val: $7,800.00
APN: 21831102
Avig:
Lot: 0
Block:
Const:
Var: 0

Intended Permit Use:

Description / Comments:

REROOF HOUSE/GARAGE, T/O INSTALL NEW SHEETING, 30YR COMP SHINGLE

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License # 674814 Lic. Class C39 Exp. Date 7/31/05

City BL0003959 5 Expires 12-31-04

Date 12/5/03 Signature of Contractor

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason: I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code).

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business an Professions Code).

Date_____ Signature of Owner_____

WORKER'S COMPENSATION DECLARATION

I hereby affirm under Penalty of Perjury one of the following:

( ) I have and will maintain a Certificate of Consent of self-insure for worker's compensation.

(✓) I have and will maintain Worker's Compensation Insurance.

Policy No. 0002323-2003 Carrier. State Fund

( ) I certify that, in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Worker's Compensation Laws of California.

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provision of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Agent Date 12/5/03

Electrical		Plumbing		Mechanical		Fees	
Temp Power Service	(0)	Fixtures/Vents	(0)	Furnace To 100M BTU	(0)	Issuance Fee	$23.50
Temp Dist Sys	(0)	Repair Vent/Drain	(0)	Furnace Ovr 100M BTU	(0)	Building Fee	$153.25
Outlet/Switch 1-20	(0)	Building Sewer	(0)	Floor Furnace	(0)	Electrical Fee	$0.00
Outlet/Switch >20	(0)	Cesspool	(0)	Unit/Wall Heater	(0)	Plumbing Fee	$0.00
Light Fix 1-20	(0)	Priv Sewage Sys	(0)	Boiler To 100M BTU	(0)	Mechanical Fee	$0.00
Light Fix >20	(0)	Ind. Waste Intercept	(0)	Boiler 101-500M BTU	(0)	Grading Fee	$0.00
Platform/Thea	(0)	Rainwater Sys.	(0)	Boiler 501-1000M BTU	(0)	Inspection Fee	$0.00
Res App	(0)	New/Repair Water Pipe	(0)	Boiler 1001-1750M BTU	(0)	Plan Review Fee	$0.00
Non-Res App	(0)	Water Heaters	(0)	Boiler +1750M BTU	(0)	NMC Dev Fee	$0.00
Power to 1HP	(0)	Gas Outlets	(0)	AH to 10K CFM	(0)	Development Fee	$0.00
Power >1-10HP	(0)	Gas Outlets >5	(0)	AH Ovr 10K CFM	(0)	Sewer Assmnt SFD	$0.00
Power > 10-50HP	(0)	Lawn Spr Sys.	(0)	Evap Cooler	(0)	Sewer Assmnt COM	$0.00
Power >50-100HP	(0)	Atm. Bckflw/Vac 1-5	(0)	Vent Fan	(0)	Fire Facilities Fee	$0.00
Power >100HP	(0)	Atms. Bckflw/Vac. >5	(0)	Vent Systetm	(0)	Dust Control Fee	$0.00
Pri Swim Pool	(0)	Bckflw Device to 2"	(0)	Hood	(0)	S.M.I.P Fee	$0.78
Carvl/Circus Gen	(0)	Bckflw Device >2"	(0)	Equip Repair/Alter	(0)	Investigation Fee	$0.00
Display/Lighting/Etc:	(0)	Public Pools	(0)	Appl Vents	(0)	Microfilm-Permit Fee	$0.00
Busway Length (Feet)	(0)	Public Spas	(0)	Domestic Inc	(0)	Microfilm-Plans Fee	$0.00
Service to 200 Amps	(0)	Misc.	(0)	Comm/Indust Inc	(0)	Xerox Copies Fee	$0.00
Service 201-1000 Amps	(0)	Misc. Appl/Equip	(0)			Min. Issuance	$0.00
Service Over 600 Volts	(0)					Refund Amount	$0.00
Misc. Equip	(0)						
Signs	(0)						
Addl. Sign Circ	(0)						

Total Fees	$177.53
Total Payments (-)	$177.53
Balance Due	**$0.00**

City of Ontario

Building Department

Telephone: (909) 395-2023
Inspectors' Direct Line: (909) 395-2362
Inspection Requests **ONLY**: (909) 395-2361
Fax No.: (909) 395-2180

POST this in a conspicuous place on the job.

You must furnish PERMIT NUMBER and JOB ADDRESS for each respective inspection.
Approved plans must be on job site at all times.

OTHER DEPARTMENT RELEASES:

Department Approval required prior to the building being released by the City.

Department	Phone No.	Date	Inspector
Engineering	395-2025		
Fire	395-2029		
Public Facilities	395-2169		
Planning	395-2036		
Police	395-2240		

This permit becomes void if work not commenced within 180 days from date of issuance, OR if work has been suspended or abandoned for a period of 180 days.

BUILDING APPROVALS		
Setback & Footing		
Steel		
Slab Grade		
Floor Joists		
Floor Sheathing		
Roof Framing		
Roof Sheathing	12-17-03	JB
Shear Wall & Pre-Lath		
Shear Wall Interior		
Framing & Flashing		
Insulation		
Drywall Nailing		
Lathing & Siding		
T-Bar		
Grading/Compaction		
Final A	12-23-03	W JOHNSON

ELECTRICAL APPROVALS		
Temp. Power Pole		
Conduit Underground		
Rough Electric		
Rough Electric – T-Bar		
SRV's Ground & Bond		
Final		

BLOCKWALL APPROVALS		
Setback & Footing		
Bond Beam & Vertical Steel		
Final		

WALL PANEL APPROVALS		
Panels		
Pour Strip		
Site Walls/Trash Enclosure		
Final		

PLUMBING APPROVALS		
Ground		
Water Piping		
On-Site Sewer		
Rough Plumbing		
Gas Pipe-Test		
Roof Drains		
Final		

MECHANICAL APPROVALS		
Underground Ducts		
Rough Mechanical		
Ducts, Ventilating		
Grills & Hoods		

POOL & SPA APPROVALS		
Dep. Inspector		
Pool Steel Rein/Bond		
Pool Plumbing/Press Test		
Pre-Gunite		
Rough Pool Electric		
Gas Piping/Test		
Pool Fencing/Access		
Pre-Plaster		
Final – Pool/Spa		

ENCROACHMENT PERMIT		
Clearance		

FIRE SPRINKLER APPROVALS		
Rough		
Final		

NOTES: 12-17-03 R/S OK (JB)

A NO JOBCARD FINAL OK W JOHNSON

Partner note - Parcel A

Tax Collector » Property Information For Parcel 0218-311-02-0000

Type of Property: DAIRY

Address Information

Situs Address	Protected per CA Govt. Code Sect. 6254.21
Billing Address	Protected per CA Govt. Code Sect. 6254.21
As Of	7/29/2014

Legal Description

Tract Number	Lot Number	Block/Unit

N 726 FT E 1200 FT LOT 6 SEC 22 TP 2S R 7W EX ST 16.72 AC M/L

Roll Value

As of Jan 1, 2015
$3,232,402.00

Present Owner Information

Name	Percent Ownership	Relationship	Document Number	Recording Date	Acquire Date	Roll Year
ARCHIBALD / MERRILL LLC	100%	SOLE OWNER	20140251158	07/11/2014	07/11/2014	2015
NOTICE NON-RENEWAL OS#**-*** (SEE NOTES)	0%	OPEN SPACE CONTRACT NUMBER	20040706456	09/28/2004	09/28/2004	2005
OPEN SPACE CONTRACT **-***	0%	OPEN SPACE CONTRACT NUMBER	0000000000000	02/29/1972	02/24/1972	1972

Partner note - Parcel B

Tax Collector » Property Information For Parcel 0218-311-03-0000

Type of Property: LIVESTOCK

Address Information

Situs Address	Protected per CA Govt. Code Sect. 6254.21
Billing Address	Protected per CA Govt. Code Sect. 6254.21
As Of	7/29/2014

Legal Description

Tract Number	Lot Number	Block/Unit

PTN LOTS 6 AND 7 IN SE 1/4 SEC 22 TP 2S R 7W BEG AT SE COR NW 1/4 SE 1/4 SD SEC TH E TO E LI SD LOT TH N TO PT 726 FT S OF NE COR SD LOT 6 TH W TO PT N OF POB TH S TO POB EX ST 16.77 AC M/L

Roll Value

As of Jan 1, 2015
$2,956,764.00

Present Owner Information

Name	Percent Ownership	Relationship	Document Number	Recording Date	Acquire Date	Roll Year
ARCHIBALD / MERRILL LLC	100%	SOLE OWNER	20140251158	07/11/2014	07/11/2014	2015
NOTICE NON-RENEWAL OS#**-*** (SEE NOTES)	0%	OPEN SPACE CONTRACT NUMBER	20140251158	09/28/2004	09/28/2004	2005
OPEN SPACE CONTRACT **-***	0%	OPEN SPACE CONTRACT NUMBER	20140251158	02/29/1972	02/24/1972	1972

Partner note - Parcel C

Tax Collector » Property Information For Parcel 0218-311-07-0000

Type of Property: DAIRY

Address Information

Situs Address	Protected per CA Govt. Code Sect. 6254.21
Billing Address	Protected per CA Govt. Code Sect. 6254.21
As Of	7/28/2003

Legal Description

Tract Number	Lot Number	Block/Unit

PTN GOVT LOTS 5 AND 8 IN FRACTIONAL SEC 22 TP 2S R 7W DESC IN DEED REC 6-10-1944 BK 1683 PG 350 OFFC REC SN BNDNO CO AND THAT PTN FRACTIONAL SE 1/4 SD SEC 22 AND FRACTIONAL NE 1/4 SEC 27 TP 2S R 7W DESC IN DOC 1-22-1959 #5716 REC OFF REC RIVERSIDE CO LYING WLY OF LI PARALLEL WITH AND DIST ELY 230 FT MEAS AT R/A FROM FOL DESC SURVEY REF LIBEG AT PT IN NLY LI FRACTIONAL SE1/4 SD SEC 22 SD PT BEING S 88 DEG 54 MIN 26 SECONDS E 959.04 FT MEAS ALG SD NLY LI FROM THE CENTER 1/4 COR SD SEC 22 SD PT BEING N 88 DEG 54 MIN 26 SECONDS W 1672.94 FT MEAS ALG SD NLY LI FROM E 1/4 COR SEC 22 TH S 3 DEG 23 MIN 57 SECONDS W 941.26 FT TH S 11 DEG 03 MIN 04 SECONDS W 1444.72 FT TH S 8 DEG 01 MIN 16 SECONDS W 3020.52 FT TO PT IN SLY LI FRACTIONAL NE 1/4 SEC 27 SD PT BEING 89 DEG 21 MIN 30 SECONDS E 112.29 FT MEAS ALG SD SLY LI FROM PT BEING N 89 DEG 21 MIN 30 SECONDS W 2414.61 FT MEAS ALG SD SLY LI FROM E 1/4 COR SEC 27 EX THEREFROM THAT PTN LYING WITHIN LAND DESC PER 1-13-1960 INSTR #3050 OFF REC RIVERSIDE CO ALSO EX THEREFROM THAT PTN LYING WITHIN THE LAND DEEDED TO SNBNDNO CO FLOOD CNTRL DIST REC 9-22-1944 BK 1711 PG 162 OFF REC SNBDNO CO

Roll Value

As of Jan 1, 2015
$513,945.00

Present Owner Information

Name	Percent Ownership	Relationship	Document Number	Recording Date	Acquire Date	Roll Year
MARCHRIS CORP	100%	CORPORATION	19990146333	04/08/1999	04/08/1999	1999

Partner note - Parcel D

Tax Collector » Property Information For Parcel 0218-311-08-0000

Type of Property: ROW CROPS

Address Information

Situs Address	Protected per CA Govt. Code Sect. 6254.21
Billing Address	Protected per CA Govt. Code Sect. 6254.21
As Of	7/18/2008

Legal Description

Tract Number	Lot Number	Block/Unit

PTN LOTS 5 7 AND 8 IN FRACTION SEC 22 TP 2S R 7W BEG AT PT 663.29 FT W OF NE COR SD LOT 5 TH E TO E LI LOT 7 TH S ALG E LI SD LOT 7 TO SE COR SD LOT 7 TH SWLY FOLL S LI SD LOT 7 AND 8 AND N LI JURUPA RD TO PT 118.79 FT E OF PT DUE S OF POB TH W 118.79 FT TO PT DUE S OF POB TH N TO POB EX PTN LYING WLY OF LI PARALLEL WITH AND DISTANT ELY 230 FT MEAS AT R/A FROM LI DESC AS COM AT PT IN NLY LI SE 1/4 SD SEC S 88 DEG 54 MIN 26 SECONDS E 959.04 FT FROM CENTER SD SEC TH S 3 DEG 23 MIN 57 SECONDS W 941.26 FT TH S 11 DEG 03 MIN 04 SECONDS W 1444.72 FT TH S 8 DEG 01 MIN 16 SECONDS W 3020.52 FT TO SLY LI FRACTIONAL NE 1/4 SEC 27 TP 2S R 7W EX PTN SD LOT 7 IN ST EX ST

Roll Value

As of Jan 1, 2015
$123,550.00

Present Owner Information

Name	Percent Ownership	Relationship	Document Number	Recording Date	Acquire Date	Roll Year
MILLER, GREGORY LLOYD GST EXEMPT TR	3.81%	TENANCY IN COMMON	20100150733	04/20/2010	04/20/2010	2010
MILLER, GREGORY LLOYD TRUST	21.58%	TENANCY IN COMMON	20100150733	04/20/2010	06/24/2008	2008
MILLER, MARLANE TRUST	18.84%	TENANCY IN COMMON	20080286954	06/24/2008	06/24/2008	2008
MILLER, MICHAEL JOHN TRUST	22.43%	TENANCY IN COMMON	20080286954	06/24/2008	06/24/2008	2008
MILLER, GREGORY LLOYD GST EXEMPT TR	3.81%	TENANCY IN COMMON	20100150733	04/20/2010	04/20/2010	2010
MILLER, GREGORY LLOYD TRUST	8.89%	TENANCY IN COMMON	20100150733	04/20/2010	06/24/2008	2008
MILLER, MICHAEL JOHN TRUST	11.22%	TENANCY IN COMMON	20080286954	06/24/2008	06/24/2008	2008
MILLER, MARLANE TRUST	9.42%	TENANCY IN COMMON	20080286954	06/24/2008	06/24/2008	2008
OPEN SPACE CONTRACT **-***	0%	OPEN SPACE CONTRACT NUMBER	0000000000000	02/28/1975	02/28/1975	1975

Partner note - Parcel E

Tax Collector » Property Information For Parcel 0218-311-10-0000

Type of Property: FLD CROPS

Address Information

Situs Address	Protected per CA Govt. Code Sect. 6254.21
Billing Address	Protected per CA Govt. Code Sect. 6254.21
As Of	7/29/2014

Legal Description

Tract Number	Lot Number	Block/Unit

PTN GOV LOT 6 AND NW 1/4 SE 1/4 SEC 22 TP 2S R 7W COM AT PT ON N LI SE 1/4 SD SEC N 89 DEG 36 MIN 00 SECONDS W 1849.01 FT FROM NE COR SD SE 1/4 SD PT BEING ON C/L 200 FT EASEMENT CONVEYED TO SAN BERNARDINO FLOOD CONTROL DISTRICT PER DEED RECORDED IN BOOK 1716 PG 328 AND BEING BEG OF NON TANGENT CURVE CONCAVE ELY HAVING RADIUS OF 15500 FT A RADIAL LI THRU SD PT BEARS S 86 DEG 52 MIN 41 SECONDS E TH SLY 1312.06 FT ALG ARC SD CURVE TH S 07 DEG 58 MIN 19 SECONDS W 12.60 FT TO PT IN S LI NW 1/4 SE 1/4 SD SEC WHICH IS N 89 DEG 36 MIN 00 SECONDS W 1979.60 FT FROM SE COR N 1/2 SE 1/4 TH S 89 DEG 36 MIN 00 SECONDS E 663.29 FT ALG SD S LI TO SE COR SD NW 1/4 TH N 594 FT ALG E LI SD NW 1/4 TH E 120 FT TO A PT WHICH IS 1200 FT W OF E LI SD SE 1/4 TH N 726 FT PARALLEL WITH E LI SD SE 1/4 TO N LI THEREOF TH W 649.01 FT ALG SD N LI TO POB EX PTN CONVEYED TO FLOOD CONTROL BY DEED 9-27-77 IN BOOK 9271 PAGE 394

Roll Value

As of Jan 1, 2015
$2,784,352.00

Present Owner Information

Name	Percent Ownership	Relationship	Document Number	Recording Date	Acquire Date	Roll Year
ARCHIBALD / MERRILL LLC	100%	SOLE OWNER	20140251158	07/11/2014	07/11/2014	2015
NOTICE NON-RENEWAL OS#**-*** (SEE NOTES)	0%	OPEN SPACE CONTRACT NUMBER	20140251158	09/28/2004	09/28/2004	2005
OPEN SPACE CONTRACT **-***	0%	OPEN SPACE CONTRACT NUMBER	20140251158	02/29/1972	02/24/1972	1972

CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, Ca. 91730
TEL: (909) 484-3888 • FAX: (909) 484-3890
www.cbwm.org

REQUEST FOR INFORMATION

Date: 07/22/2015

Requested By: Brianna Menke

Agency/Company: Partner Engineering and Science

Address: 11839 Sorrento Valley Road, #906
San Diego, CA 92121

Phone Number: 858-437-7831

E-mail Address: bmenke@partneresi.com

Information/Document requested:
Records and testing results pertaining to dairy farm operation at 15090-15092 Archibald Avenue, Ontario, CA 91762

Reason or Purpose for Request:
Phase I Environmental Site Assessment

Charge: ☐ Yes ☐ No Amount: _____

Date Request Provided: _____

CITY OF ONTARIO
303 EAST "B" STREET, CIVIC CENTER ONTARIO CALIFORNIA 91764-4105
(909) 395-2000
FAX (909) 395-2070

PAUL S. LEON
MAYOR

DEBRA DORST-PORADA
MAYOR PRO TEM

ALAN D. WAPNER
JIM W. BOWMAN
PAUL VINCENT AVILA
COUNCIL MEMBERS

AL C. BOLING
CITY MANAGER

MARY E. WIRTES, MMC
CITY CLERK

JAMES R. MILHISER
TREASURER

July 23, 2015

Brianna Menke
Partner Engineering and Science
11839 Sorrento Valley Road, #906
San Diego, CA 92121

RE: Public Records Request #15-PR0492 – 15090-15092 Archibald Avenue and 9507 Merrill Avenue – Hazardous Materials Use / Storage / Generation or Underground / Above Ground Storage Tanks

Dear Ms. Menke:

In response to your July 20, 2015 California Public Records Act, Government Code Section 6250, et seq. ("Act") request, there were no documents found regarding the information you have requested.

You may contact the San Bernardino County Fire and Hazardous Materials Division for the information you are requesting. Their location is 620 South E Street, San Bernardino, CA 92415-0153, and can also be reached at (909) 386-8401.

If you have any questions or require further information, please contact Tina Fernandez in the City Clerk / Records Management Department at (909) 395-2009.

Sincerely,

Vicki L. Kasad, MMC
Assistant City Clerk
Records Management Director

tf

Printed on recycled paper.

APPENDIX C: REGULATORY DATABASE REPORT

PARTNER

Agricultural Land
Apns 218-311-02, -03, -07, -08, and -10
Chino, CA 91710

Inquiry Number: 4362112.2s
July 22, 2015

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

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

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Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	43
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-10
Physical Setting Source Records Searched	PSGR-1

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

Disclaimer - Copyright and Trademark Notice

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

APNS 218-311-02, -03, -07, -08, AND -10
CHINO, CA 91710

COORDINATES

Latitude (North):	33.9794000 - 33° 58' 45.84''
Longitude (West):	117.5969000 - 117° 35' 48.84''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	444862.7
UTM Y (Meters):	3759838.0
Elevation:	652 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5640930 CORONA NORTH, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120519
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
APNS 218-311-02, -03, -07, -08, AND -10
CHINO, CA 91710

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	GOLDEN WEST DAIRY FA	15090 ARCHIBALD	HIST CORTESE, ENF	Higher	19, 0.004, ENE
2	AT&T MOBILITY-ARCHIB	14909 ARCHIBALD AVE	San Bern. Co. Permit	Higher	20, 0.004, NE
3	TEE VEE DAIRY	14744 S ARCHIBALD AV	San Bern. Co. Permit	Higher	1019, 0.193, NNE
4	STEVEN LITWIN	14100 CLOVERDALE RD	HIST UST	Lower	1098, 0.208, SE
5	T & T CATTLE DAIRY	6301 ARCHIBALD	HIST CORTESE, ENF, WDS	Lower	1981, 0.375, SSE
6	ARCHIBALD ELEMENTARY	ARCHIBALD AND EUCALY	SCH, ENVIROSTOR	Higher	2660, 0.504, NNE
7	ROSA PARKS ELEMENTAR	6701 HARRISON AVENUE	SCH, ENVIROSTOR, WDS	Lower	4483, 0.849, SE
8	AUGUSTINE RAMIREZ IN	6851 HARRISON AVENUE	SCH, LUST, ENVIROSTOR, WDS	Lower	5135, 0.973, SE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

CERCLIS ---------- Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ---------- CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

LUCIS ---------- Land Use Control Information System

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ---------- State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---------- Solid Waste Information System

State and tribal leaking storage tank lists

LUST ---------- Geotracker's Leaking Underground Fuel Tank Report
SLIC ---------- Statewide SLIC Cases
INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST ---------- Active UST Facilities
AST ---------- Aboveground Petroleum Storage Tank Facilities
INDIAN UST ---------- Underground Storage Tanks on Indian Land
FEMA UST ---------- Underground Storage Tank Listing

State and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing
VCP ---------- Voluntary Cleanup Program Properties

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---------- Open Dump Inventory
SWRCY ---------- Recycler Database
HAULERS ---------- Registered Waste Tire Haulers Listing
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
WMUDS/SWAT ---------- Waste Management Unit Database

Local Lists of Hazardous waste / Contaminated Sites

US CDL ---------- Clandestine Drug Labs
HIST Cal-Sites ---------- Historical Calsites Database
SCH ---------- School Property Evaluation Program
Toxic Pits ---------- Toxic Pits Cleanup Act Sites
CDL ---------- Clandestine Drug Labs

US HIST CDL ..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST ..... Facility Inventory Database
SWEEPS UST ..... SWEEPS UST Listing

Local Land Records

LIENS 2 ..... CERCLA Lien Information
LIENS ..... Environmental Liens Listing
DEED ..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
CHMIRS ..... California Hazardous Material Incident Report System
LDS ..... Land Disposal Sites Listing
MCS ..... Military Cleanup Sites Listing
SPILLS 90 ..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR ..... RCRA - Non Generators / No Longer Regulated
DOT OPS ..... Incident and Accident Data
DOD ..... Department of Defense Sites
FUDS ..... Formerly Used Defense Sites
CONSENT ..... Superfund (CERCLA) Consent Decrees
ROD ..... Records Of Decision
UMTRA ..... Uranium Mill Tailings Sites
US MINES ..... Mines Master Index File
TRIS ..... Toxic Chemical Release Inventory System
TSCA ..... Toxic Substances Control Act
FTTS ..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS ..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS ..... Section 7 Tracking Systems
ICIS ..... Integrated Compliance Information System
PADS ..... PCB Activity Database System
MLTS ..... Material Licensing Tracking System
RADINFO ..... Radiation Information Database
FINDS ..... Facility Index System/Facility Registry System
RAATS ..... RCRA Administrative Action Tracking System
RMP ..... Risk Management Plans
CA BOND EXP. PLAN ..... Bond Expenditure Plan
NPDES ..... NPDES Permits Listing
UIC ..... UIC Listing
Cortese ..... "Cortese" Hazardous Waste & Substances Sites List
CUPA Listings ..... CUPA Resources List
Notify 65 ..... Proposition 65 Records
DRYCLEANERS ..... Cleaner Facilities
WIP ..... Well Investigation Program Case List
ENF ..... Enforcement Action Listing
HAZNET ..... Facility and Manifest Data
EMI ..... Emissions Inventory Data

INDIAN RESERV Indian Reservations
SCRD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing
WDS Waste Discharge System
Financial Assurance Financial Assurance Information Listing
PROC Certified Processors Database
HWT Registered Hazardous Waste Transporter Database
HWP EnviroStor Permitted Facilities Listing
MWMP Medical Waste Management Program Listing
LEAD SMELTERS Lead Smelter Sites
US AIRS Aerometric Information Retrieval System Facility Subsystem
EPA WATCH LIST EPA WATCH LIST
US FIN ASSUR Financial Assurance Information
COAL ASH EPA Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER PCB Transformer Registration Database
COAL ASH DOE Steam-Electric Plant Operation Data
2020 COR ACTION 2020 Corrective Action Program List
PRP Potentially Responsible Parties

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST Recovered Government Archive Leaking Underground Storage Tank
RGA LF Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

EXECUTIVE SUMMARY

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 05/04/2015 has revealed that there are 3 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCHIBALD ELEMENTARY Status: No Further Action Facility Id: 70000046	***ARCHIBALD AND EUCALY***	***NNE 1/2 - 1 (0.504 mi.)***	***6***	***13***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROSA PARKS ELEMENTAR Status: Certified Facility Id: 30020005	***6701 HARRISON AVENUE***	***SE 1/2 - 1 (0.849 mi.)***	***7***	***16***
AUGUSTINE RAMIREZ IN Status: Active Facility Id: 33020006	***6851 HARRISON AVENUE***	***SE 1/2 - 1 (0.973 mi.)***	***8***	***26***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
STEVEN LITWIN Facility Id: 00000032016	14100 CLOVERDALE RD	SE 1/8 - 1/4 (0.208 mi.)	4	10

Other Ascertainable Records

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there

are 2 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GOLDEN WEST DAIRY FA Reg Id: 8 365164001	***15090 ARCHIBALD***	***ENE 0 - 1/8 (0.004 mi.)***	***1***	***8***

Lower Elevation	Address	Direction / Distance	Map ID	Page
T & T CATTLE DAIRY Reg Id: 8 335498001	***6301 ARCHIBALD***	***SSE 1/4 - 1/2 (0.375 mi.)***	***5***	***11***

San Bern. Co. Permit: San Bernardino County Fire Department Hazardous Materials Division.

A review of the San Bern. Co. Permit list, as provided by EDR, and dated 06/30/2015 has revealed that there are 2 San Bern. Co. Permit sites within approximately 0.25 miles of the target property.

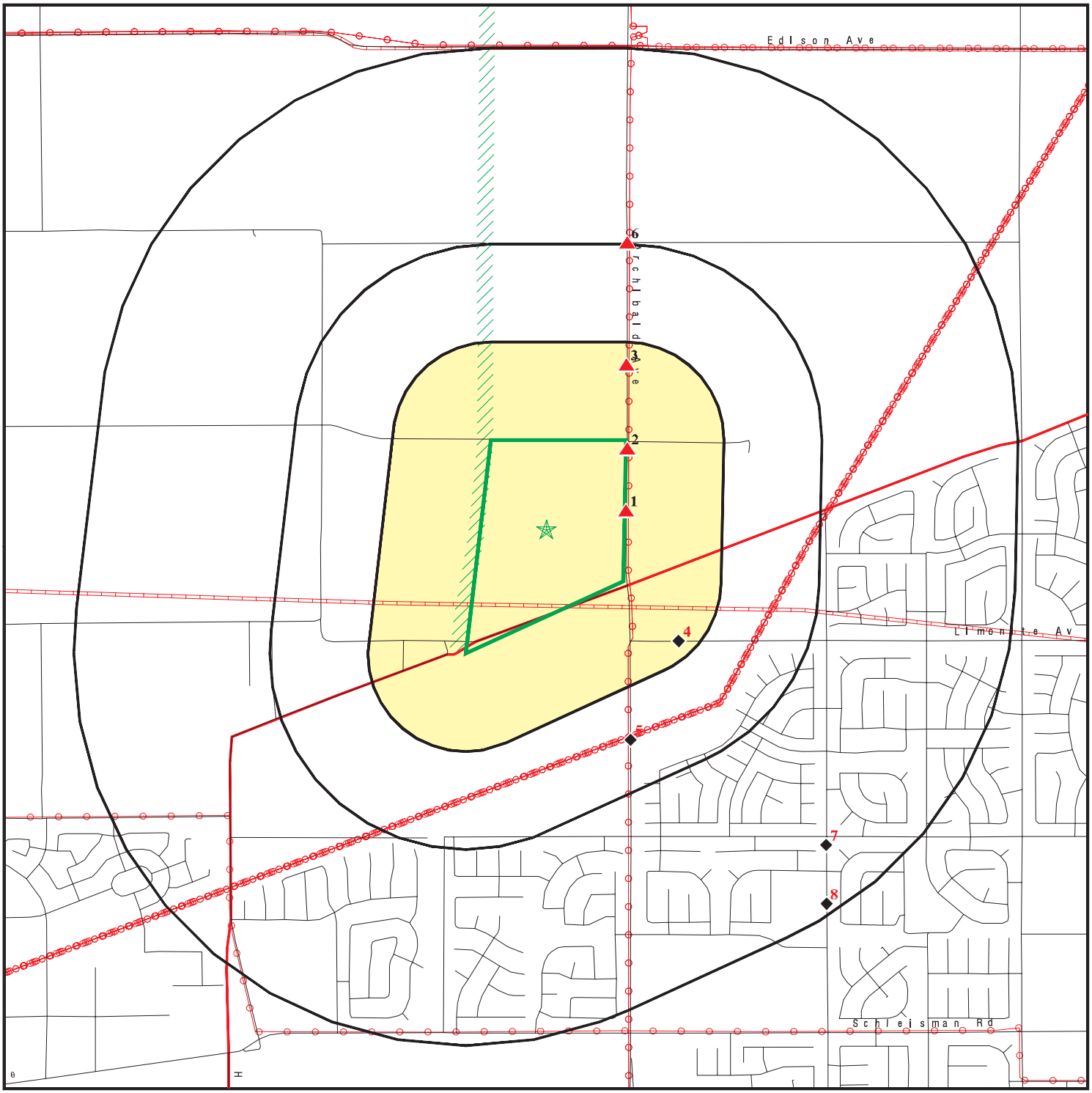
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AT&T MOBILITY-ARCHIB Facility Status: INACTIVE Facility Id: FA0009024	14909 ARCHIBALD AVE	NE 0 - 1/8 (0.004 mi.)	2	9
TEE VEE DAIRY Facility Status: INACTIVE Facility Id: FA0000663	14744 S ARCHIBALD AV	NNE 1/8 - 1/4 (0.193 mi.)	3	10

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 10 records.

Site Name	Database(s)
	CDL
	CDL
	CDL
	CDL
	CDL
	CDL
	CDL
	CDL
	CDL
VIRAMONTES EXPRESS	SWF/LF

OVERVIEW MAP - 4362112.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Agricultural Land	CLIENT: Partner Engineering and Science, Inc.
ADDRESS: Apns 218-311-02, -03, -07, -08, and -10 Chino CA 91710	CONTACT: Yvonne Rodriguez
LAT/LONG: 33.9794 / 117.5969	INQUIRY #: 4362112.2s DATE: July 22, 2015 4:59 pm

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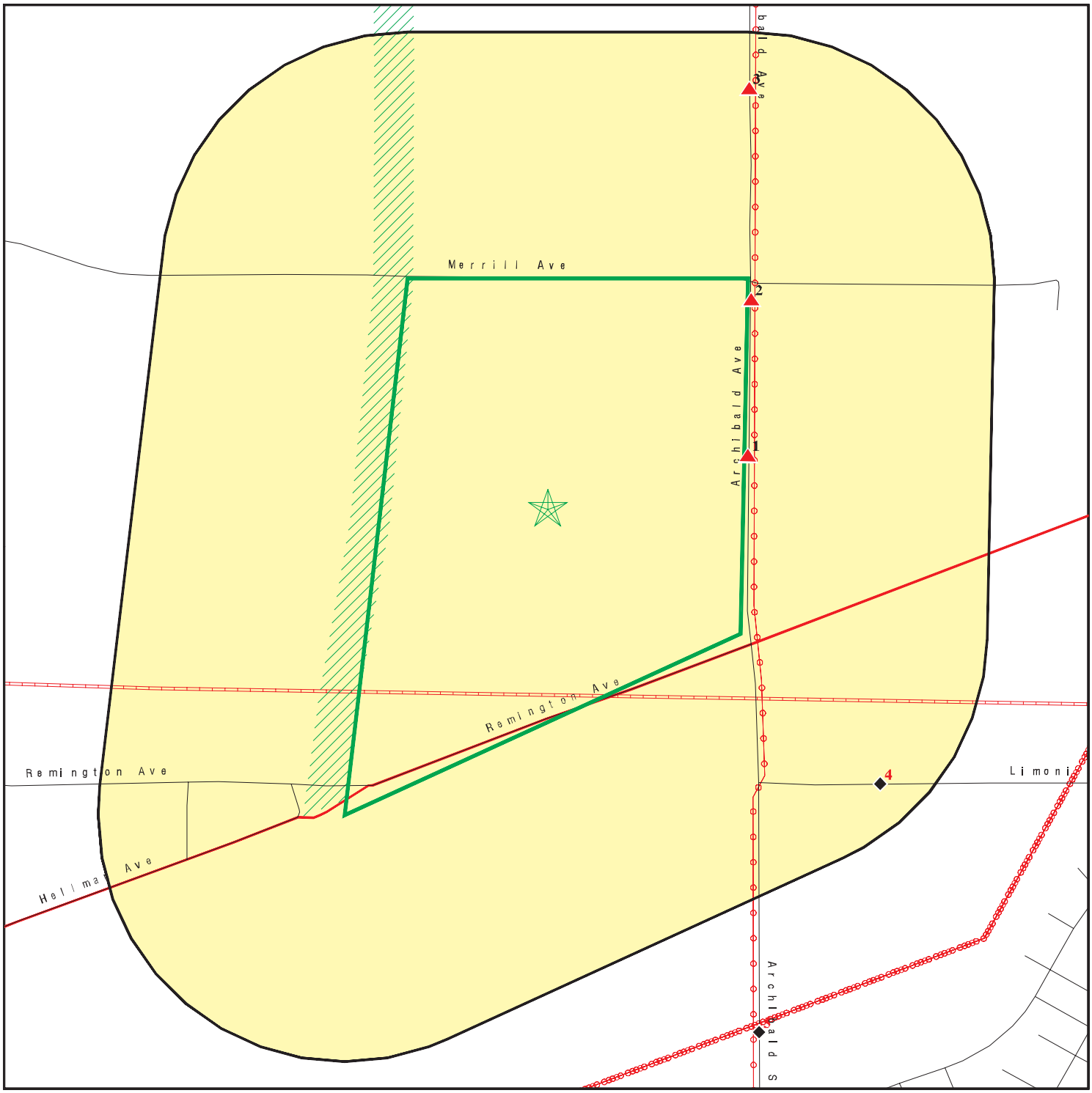
DETAIL MAP - 4362112.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

0 1/8 1/4 1/2 Miles

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Agricultural Land	CLIENT:	Partner Engineering and Science, Inc.
ADDRESS:	Apns 218-311-02, -03, -07, -08, and -10 Chino CA 91710	CONTACT:	Yvonne Rodriguez
LAT/LONG:	33.9794 / 117.5969	INQUIRY #:	4362112.2s
		DATE:	July 22, 2015 5:02 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	0	3	NR	3
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	1	NR	NR	NR	1
SWEEPS UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		1	0	1	NR	NR	2
CUPA Listings	0.250		0	0	NR	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
San Bern. Co. Permit	0.250		1	1	NR	NR	NR	2
HAZNET	TP		NR	NR	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LUST	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		0	2	2	1	3	0	8

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
ENE
< 1/8
0.004 mi.
19 ft.

GOLDEN WEST DAIRY FARMS
15090 ARCHIBALD
CHI, CA 91710

HIST CORTESE **S104857865**
ENF **N/A**

Relative:
Higher

Actual:
655 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	36
Reg By:	WBC&D
Reg Id:	8 365164001

ENF:

Region:	8
Facility Id:	227542
Agency Name:	Mello, Enos
Place Type:	Growing
Place Subtype:	Animal Feeding
Facility Type:	Agricultural
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.980163
Place Longitude:	-117.593349
SIC Code 1:	241
SIC Desc 1:	Dairy Farms
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	2
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Stormwater runoff
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	ANIWSTCOWS
Program Category1:	ANIMALWASTE
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	8 365164001
Reg Measure Id:	211601
Reg Measure Type:	Enrollee
Region:	8
Order #:	99-011
Npdes# CA#:	CAG018001
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported

GOLDEN WEST DAIRY FARMS (Continued) **S104857865**

301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	03/18/2014
Effective Date:	10/06/1972
Expiration/Review Date:	Not reported
Termination Date:	03/09/1999
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	224842
Region:	8
Order / Resolution Number:	87-129
Enforcement Action Type:	Cease and Desist Order
Effective Date:	10/09/1987
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 365164001
Description:	EXCESS MANURE
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0.00
Initial Assessed Amount:	0.00
Liability $ Amount:	0.00
Project $ Amount:	0.00
Liability $ Paid:	0.00
Project $ Completed:	0.00
Total $ Paid/Completed Amount:	0.00

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2 **AT&T MOBILITY-ARCHIBALD #27358** **San Bern. Co. Permit** **S109254320**
NE **14909 ARCHIBALD AVE** **N/A**
< 1/8 **CHINO, CA 91710**
0.004 mi.
20 ft.

Relative:
Higher

Actual:
661 ft.

San Bern. Co. Permit:

Region:	SAN BERNARDINO
Facility ID:	FA0009024
Owner:	NEW CINGULAR WIRELESS PCS, LLC
Permit Number:	PT0015892
Permit Category:	HAZMAT HANDLER - UNSTAFFED REMOTE FACILITY
Facility Status:	INACTIVE
Expiration Date:	08/31/2009

3
NNE
1/8-1/4
0.193 mi.
1019 ft.

TEE VEE DAIRY
14744 S ARCHIBALD AVE
ONTARIO, CA 91710

San Bern. Co. Permit **S104762164**
N/A

Relative:
Higher

Actual:
670 ft.

San Bern. Co. Permit:

Region:	SAN BERNARDINO
Facility ID:	FA0000663
Owner:	TE VELDE, RALPH
Permit Number:	PT0008754
Permit Category:	SPECIAL GENERATOR
Facility Status:	INACTIVE
Expiration Date:	04/30/1997

Region:	SAN BERNARDINO
Facility ID:	FA0000663
Owner:	TE VELDE, RALPH
Permit Number:	PT0008753
Permit Category:	SPECIAL HANDLER
Facility Status:	INACTIVE
Expiration Date:	04/30/1997

4
SE
1/8-1/4
0.208 mi.
1098 ft.

STEVEN LITWIN
14100 CLOVERDALE RD
CORONA, CA 91720

HIST UST **U001569171**
N/A

Relative:
Lower

Actual:
647 ft.

HIST UST:

Region:	STATE
Facility ID:	00000032016
Facility Type:	Other
Other Type:	FARM
Contact Name:	Not reported
Telephone:	7149473744
Owner Name:	STEVEN LITWIN
Owner Address:	14100 CLOVERDALE RD
Owner City,St,Zip:	CORONA, CA 91720
Total Tanks:	0000
Tank Num:	001
Container Num:	1
Year Installed:	1972
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	None

5
SSE
1/4-1/2
0.375 mi.
1981 ft.

T & T CATTLE DAIRY
6301 ARCHIBALD
CORONA, CA 91720

HIST CORTESE **S104857832**
ENF **N/A**
WDS

Relative:
Lower

Actual:
638 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	33
Reg By:	WBC&D
Reg Id:	8 335498001

ENF:

Region:	8
Facility Id:	262730
Agency Name:	Troost, Greg
Place Type:	Growing
Place Subtype:	Animal Feeding
Facility Type:	Agricultural
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	241
SIC Desc 1:	Dairy Farms
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	2
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Stormwater runoff
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	ANIWSTCOWS
Program Category1:	ANIMALWASTE
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	8 335498001
Reg Measure Id:	209403
Reg Measure Type:	Enrollee
Region:	8
Order #:	99-011
Npdes# CA#:	CAG018001
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported

T & T CATTLE DAIRY (Continued) **S104857832**

301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	03/18/2014
Effective Date:	09/11/1981
Expiration/Review Date:	Not reported
Termination Date:	01/08/2001
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	224973
Region:	8
Order / Resolution Number:	89-077
Enforcement Action Type:	Cease and Desist Order
Effective Date:	06/09/1989
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 335498001
Description:	EXCESS MANURE DISCHARGED TO DISPOSAL LAND
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0.00
Initial Assessed Amount:	0.00
Liability $ Amount:	0.00
Project $ Amount:	0.00
Liability $ Paid:	0.00
Project $ Completed:	0.00
Total $ Paid/Completed Amount:	0.00

WDS:

Facility ID:	Santa Ana River 365830001
Facility Type:	Agricultural - Facility that treats and/or disposes of the wastes associated with confined and concentrated animal feeding, confined animal feeding, confined animal holding, confined and concentrated aquatic animal production facilities, and aquaculture. the treatment and/or disposal of agricultural return water is included in this category.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAG018001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	8
Facility Telephone:	9096352025
Facility Contact:	ROBB QUINCEY
Agency Name:	B.P.Q. INVESTMENT CO.

T & T CATTLE DAIRY (Continued) **S104857832**

Agency Address:	11515 SANTA ANITA AVENUE
Agency City,St,Zip:	CHINO 91710
Agency Contact:	ROBIN D. QUINCEY
Agency Telephone:	9096352025
Agency Type:	Private
SIC Code:	241
SIC Code 2:	Not reported
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Primary Waste:	STORMS
Waste Type2:	D
Waste2:	Stormwater Runoff
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste:	Solid Wastes
Secondary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
Treat To Water:	Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

6
NNE
1/2-1
0.504 mi.
2660 ft.

Relative: Higher

Actual: 685 ft.

ARCHIBALD ELEMENTARY SCHOOL NO. 4 **SCH** **S107735853**
ARCHIBALD AND EUCALYPTUS AVENUE **ENVIROSTOR** **N/A**
ONTARIO, CA 91761

SCH:

Facility ID:	70000046
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	10
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa

ARCHIBALD ELEMENTARY SCHOOL NO. 4 (Continued) **S107735853**

Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404641
Assembly:	52
Senate:	20
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	05/09/2006
Restricted Use:	NO
Funding:	School District
Latitude:	33.9864
Longitude:	-117.5851
APN:	234-0-01-240
Past Use:	NONE
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	31000-NO
Potential Description:	NMA
Alias Name:	234-0-01-240
Alias Type:	APN
Alias Name:	404641
Alias Type:	Project Code (Site Code)
Alias Name:	70000046
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	11/23/2005
Comments:	Issued Workplan Approval letter.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	05/09/2006
Comments:	Issued No Further Action letter.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	06/16/2006
Comments:	Issued Cost Recovery Memo
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	08/03/2005
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

ARCHIBALD ELEMENTARY SCHOOL NO. 4 (Continued) **S107735853**

ENVIROSTOR:

Facility ID:	70000046
Status:	No Further Action
Status Date:	05/09/2006
Site Code:	404641
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	10
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	52
Senate:	20
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.9864
Longitude:	-117.5851
APN:	234-0-01-240
Past Use:	NONE
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	31000-NO
Potential Description:	NMA
Alias Name:	234-0-01-240
Alias Type:	APN
Alias Name:	404641
Alias Type:	Project Code (Site Code)
Alias Name:	70000046
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	11/23/2005
Comments:	Issued Workplan Approval letter.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	05/09/2006
Comments:	Issued No Further Action letter.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	06/16/2006
Comments:	Issued Cost Recovery Memo
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	08/03/2005

ARCHIBALD ELEMENTARY SCHOOL NO. 4 (Continued) **S107735853**

Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

7
SE
1/2-1
0.849 mi.
4483 ft.

ROSA PARKS ELEMENTARY SCHOOL **SCH** **S102005838**
6701 HARRISON AVENUE **ENVIROSTOR** **N/A**
CORONA, CA 92880 **WDS**

Relative:
Lower

Actual:
633 ft.

SCH:

Facility ID:	30020005
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	10
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Christine Chiu
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404582
Assembly:	60
Senate:	31
Special Program Status:	Voluntary Cleanup Program
Status:	Certified
Status Date:	09/21/2011
Restricted Use:	NO
Funding:	School District
Latitude:	33.96596
Longitude:	-117.5854
APN:	144-030-031, 144030031
Past Use:	AGRICULTURAL - LIVESTOCK
Potential COC:	Methane
Confirmed COC:	Methane
Potential Description:	IA, SV
Alias Name:	CORONA-NORCO UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	Parks Elementary
Alias Type:	Alternate Name
Alias Name:	Parks Elementary School
Alias Type:	Alternate Name
Alias Name:	Sumner ES Addition
Alias Type:	Alternate Name
Alias Name:	144-030-031
Alias Type:	APN
Alias Name:	144030031

ROSA PARKS ELEMENTARY SCHOOL (Continued) **S102005838**

Alias Type: APN
Alias Name: 110033607041
Alias Type: EPA (FRS #)
Alias Name: 404582
Alias Type: Project Code (Site Code)
Alias Name: 30020005
Alias Type: Envirostor ID Number
Alias Name: CORONA NORCO USD-PRPSD SUMNER ES ADDITIO
Alias Type: Alternate Name

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 02/02/2009
Comments: DTSC certified that response action according to the DTSC-approved RAW is complete. Operation and maintenance is required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Further Action Letter
Completed Date: 09/07/2011
Comments: DTSC determined that O&M activities are no longer required and may be terminated and that Five-Year Reviews are no longer warranted. DTSC determined that all response actions have been completed and no further removal/remedial action is necessary at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 09/20/2011
Comments: DTSC certified that all response actions have been completed and that no further removal/remedial action is necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 09/21/2011
Comments: DTSC prepared project close out Cost Recovery Unit Memorandum.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/19/2005
Comments: SSI required due to Methane Levels

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/23/2005
Comments: approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/19/2005
Comments: Approved

ROSA PARKS ELEMENTARY SCHOOL (Continued) **S102005838**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/01/2005
Comments: fieldwork

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/17/2006
Comments: DTSC approved the SSI report with a Further Action determination

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/08/2006
Comments: Public Comment Expected on 4/3/06

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/02/2009
Comments: DTSC approved the Removal Action Completion Report. Operation and maintenance of the methane mitigation system is to continue.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 04/20/2006
Comments: Approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/30/2008
Comments: DTSC reviewed the Operation and Maintenance report and had no comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/29/2008
Comments: DTSC reviewed the Operation and Maintenance reports and noted that certain activities be incorporated in future O&M activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/12/2009
Comments: DTSC reviewed the Operation and Maintenance report and noted that certain activities be incorporated in future O&M activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 06/08/2006
Comments: The O&M Plan for the methane mitigation system is Appendix F of the

ROSA PARKS ELEMENTARY SCHOOL (Continued) **S102005838**

Revised Removal Action Work Plan, dated March 20, 2006; the RAW was approved on June 8, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 01/05/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 06/08/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/09/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 09/25/2007
Comments: District and DTSC signed final O&M agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/03/2009
Comments: DTSC reviewed the Operation and Maintenance report and provided comments to be incorporated in future O&M reports/activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/22/2010
Comments: DTSC reviewed the Operation and Maintenance report and provided comments to be incorporated in future O&M reports/activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 04/01/2006
Comments: In April 2006, DTSC approved the (joint) Community Profile for the Rosa Parks Elementary School and the Augustine Ramirez Intermediate School.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/10/2010
Comments: DTSC reviewed the Operation and Maintenance report and provided comments to be incorporated in future O&M reports/activities.

Completed Area Name: PROJECT WIDE

ROSA PARKS ELEMENTARY SCHOOL (Continued) **S102005838**

Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/25/2011
Comments: DTSC reviewed the Operation and Maintenance report and provided comments to be incorporated in future O&M reports/activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/07/2011
Comments: DTSC reviewed and noted discrepancies in the Operation and Maintenance report and concurred with the Report recommendation to terminate monitoring. DTSC determined that O&M activities are no longer required and may be terminated and that Five-Year Reviews are no longer warranted. DTSC determined that all response actions have been completed and no further removal/remedial action is necessary at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 11/28/2004
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 30020005
Status: Certified
Status Date: 09/21/2011
Site Code: 404582
Site Type: School Cleanup
Site Type Detailed: School
Acres: 10
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Christine Chiu
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 60
Senate: 31
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.96596
Longitude: -117.5854
APN: 144-030-031, 144030031

ROSA PARKS ELEMENTARY SCHOOL (Continued) **S102005838**

Past Use: AGRICULTURAL - LIVESTOCK
Potential COC: Methane
Confirmed COC: Methane
Potential Description: IA, SV
Alias Name: CORONA-NORCO UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: Parks Elementary
Alias Type: Alternate Name
Alias Name: Parks Elementary School
Alias Type: Alternate Name
Alias Name: Sumner ES Addition
Alias Type: Alternate Name
Alias Name: 144-030-031
Alias Type: APN
Alias Name: 144030031
Alias Type: APN
Alias Name: 110033607041
Alias Type: EPA (FRS #)
Alias Name: 404582
Alias Type: Project Code (Site Code)
Alias Name: 30020005
Alias Type: Envirostor ID Number
Alias Name: CORONA NORCO USD-PRPSD SUMNER ES ADDITIO
Alias Type: Alternate Name

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 02/02/2009
Comments: DTSC certified that response action according to the DTSC-approved RAW is complete. Operation and maintenance is required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Further Action Letter
Completed Date: 09/07/2011
Comments: DTSC determined that O&M activities are no longer required and may be terminated and that Five-Year Reviews are no longer warranted. DTSC determined that all response actions have been completed and no further removal/remedial action is necessary at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 09/20/2011
Comments: DTSC certified that all response actions have been completed and that no further removal/remedial action is necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 09/21/2011
Comments: DTSC prepared project close out Cost Recovery Unit Memorandum.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report

ROSA PARKS ELEMENTARY SCHOOL (Continued) **S102005838**

Completed Date: 05/19/2005
Comments: SSI required due to Methane Levels

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/23/2005
Comments: approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/19/2005
Comments: Approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/01/2005
Comments: fieldwork

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/17/2006
Comments: DTSC approved the SSI report with a Further Action determination

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/08/2006
Comments: Public Comment Expected on 4/3/06

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/02/2009
Comments: DTSC approved the Removal Action Completion Report. Operation and maintenance of the methane mitigation system is to continue.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 04/20/2006
Comments: Approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/30/2008
Comments: DTSC reviewed the Operation and Maintenance report and had no comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/29/2008

ROSA PARKS ELEMENTARY SCHOOL (Continued) **S102005838**

Comments: DTSC reviewed the Operation and Maintenance reports and noted that certain activities be incorporated in future O&M activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/12/2009
Comments: DTSC reviewed the Operation and Maintenance report and noted that certain activities be incorporated in future O&M activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 06/08/2006
Comments: The O&M Plan for the methane mitigation system is Appendix F of the Revised Removal Action Work Plan, dated March 20, 2006; the RAW was approved on June 8, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 01/05/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 06/08/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/09/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 09/25/2007
Comments: District and DTSC signed final O&M agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/03/2009
Comments: DTSC reviewed the Operation and Maintenance report and provided comments to be incorporated in future O&M reports/activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/22/2010
Comments: DTSC reviewed the Operation and Maintenance report and provided comments to be incorporated in future O&M reports/activities.

Completed Area Name: PROJECT WIDE

ROSA PARKS ELEMENTARY SCHOOL (Continued) **S102005838**

Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 04/01/2006
Comments: In April 2006, DTSC approved the (joint) Community Profile for the Rosa Parks Elementary School and the Augustine Ramirez Intermediate School.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/10/2010
Comments: DTSC reviewed the Operation and Maintenance report and provided comments to be incorporated in future O&M reports/activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/25/2011
Comments: DTSC reviewed the Operation and Maintenance report and provided comments to be incorporated in future O&M reports/activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/07/2011
Comments: DTSC reviewed and noted discrepancies in the Operation and Maintenance report and concurred with the Report recommendation to terminate monitoring. DTSC determined that O&M activities are no longer required and may be terminated and that Five-Year Reviews are no longer warranted. DTSC determined that all response actions have been completed and no further removal/remedial action is necessary at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 11/28/2004
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

WDS:
Facility ID: Santa Ana River 335276001
Facility Type: Agricultural - Facility that treats and/or disposes of the wastes associated with confined and concentrated animal feeding, confined animal feeding, confined animal holding, confined and concentrated aquatic animal production facilities, and aquaculture. the treatment and/or disposal of agricultural return water is included in this category.

ROSA PARKS ELEMENTARY SCHOOL (Continued) **S102005838**

Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAG018001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	8
Facility Telephone:	Not reported
Facility Contact:	KATHERINE VANDER STELT
Agency Name:	VANDER STELTKATHERINE & STEVE
Agency Address:	6701 HARRISON AVE.
Agency City,St,Zip:	CORONA 91720
Agency Contact:	KATHERINE VANDER STELT
Agency Telephone:	Not reported
Agency Type:	Private
SIC Code:	241
SIC Code 2:	Not reported
Primary Waste Type:	Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Primary Waste:	SLDWST
Waste Type2:	D
Waste2:	Solid Wastes
Primary Waste Type:	Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Secondary Waste:	Stormwater Runoff
Secondary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
Treat To Water:	Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

8
SE
1/2-1
0.973 mi.
5135 ft.

AUGUSTINE RAMIREZ INTERMEDIATE SCHOOL
6851 HARRISON AVENUE
CORONA, CA 92880

SCH
LUST
ENVIROSTOR
WDS

S102005836
N/A

Relative:
Lower

Actual:
626 ft.

SCH:

Facility ID:	33020006
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	25.35
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Christine Chiu
Supervisor:	Yolanda Garza
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404458
Assembly:	60
Senate:	31
Special Program Status:	Not reported
Status:	Active
Status Date:	09/10/2009
Restricted Use:	NO
Funding:	School District
Latitude:	33.96244
Longitude:	-117.5855
APN:	134-050-006, 144-030-032, 144-030-033
Past Use:	AGRICULTURAL - LIVESTOCK
Potential COC:	Methane
Confirmed COC:	Methane
Potential Description:	IA, SV
Alias Name:	Augie Ramirez Intermediate School
Alias Type:	Alternate Name
Alias Name:	CORONA-NORCO UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	CORONA-NORCO USD-PRPSD SMNR ES/E.VALE MS
Alias Type:	Alternate Name
Alias Name:	Ramirez Intermediate
Alias Type:	Alternate Name
Alias Name:	Ramirez Intermediate School
Alias Type:	Alternate Name
Alias Name:	Rosa Parks Elementary School
Alias Type:	Alternate Name
Alias Name:	SUMNER ELEMENTARY/EASTVALE MIDDLE SCHOOL
Alias Type:	Alternate Name
Alias Name:	134-050-006
Alias Type:	APN
Alias Name:	144-030-032
Alias Type:	APN
Alias Name:	144-030-033
Alias Type:	APN
Alias Name:	110033616987
Alias Type:	EPA (FRS #)
Alias Name:	404458
Alias Type:	Project Code (Site Code)

AUGUSTINE RAMIREZ INTERMEDIATE SCHOOL (Continued) **S102005836**

Alias Name: 33020006
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/29/2010
Comments: DTSC reviewed the First Quarter 2010 Methane Monitoring Report and requested a couple comments to be addressed, accordingly.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/30/2010
Comments: DTSC reviewed the Second Quarter 2010 Methane Monitoring Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/26/2010
Comments: DTSC reviewed the Third Quarter 2010 Methane Monitoring Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/08/2011
Comments: DTSC reviewed the Fourth Quarter 2010 Methane Monitoring Report and concurred with the recommendation to change to a semi-annual monitoring schedule beginning second quarter (June) 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/04/2011
Comments: DTSC reviewed the first semi-annual Methane Monitoring Report and concurred with the recommendations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/25/2012
Comments: DTSC reviewed the second semi-annual Methane Monitoring Report and concurred with the recommendations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/09/2012
Comments: DTSC reviewed the Semi-Annual Methane Monitoring Report and did not concur with the recommendation for a No Further Action (NFA) determination on Area B and requested that comments be addressed in future reports. DTSC recommended a minimum of two additional quarterly or semi-annual monitoring events be conducted prior to DTSC's potential NFA determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

AUGUSTINE RAMIREZ INTERMEDIATE SCHOOL (Continued) **S102005836**

Completed Document Type:	Monitoring Report
Completed Date:	10/22/2012
Comments:	DTSC reviewed the quarterly Methane Monitoring Report and concurred with the recommendation for continued monitoring.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	03/04/2013
Comments:	DTSC reviewed the quarterly Methane Monitoring Report and requested that monitoring continue on a quarterly basis to assess methane concentration and trends in Area B.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	06/03/2013
Comments:	DTSC reviewed the quarterly Methane Monitoring Report and requested that monitoring continue on a quarterly basis to assess methane concentration and trends in Area B.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	09/18/2013
Comments:	On September 18, 2013, DTSC provided comments on the Report; also, DTSC recommended that methane monitoring continue on a quarterly basis and that the District propose and discuss additional actions regarding Area B with DTSC.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Tech Memo
Completed Date:	11/18/2013
Comments:	On November 14, 2013, DTSC approved a Technical Memorandum to install methane ventilation wells in Area B.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	04/11/2014
Comments:	On April 11, 2014, DTSC provided comments on the Report and requested such comments be addressed in future methane monitoring activities and reports. The next methane monitoring event is to be conducted during the second half of 2014.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	09/08/2014
Comments:	On September 8, 2014, DTSC provided comments on the Report, requested such comments be addressed in future methane monitoring activities and reports, and requested a conference call to discuss previously unaddressed comments. Two semi-annual monitoring events are anticipated to be conducted in 2015.
Completed Area Name:	PROJECT WIDE

AUGUSTINE RAMIREZ INTERMEDIATE SCHOOL (Continued) **S102005836**

Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/18/2015
Comments: On March 18, 2015, DTSC provided comments on the Report and requested such comments be addressed in future methane monitoring reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/17/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/20/2014
Comments: On August 20, 2014, DTSC provided a cost estimate of DTSC oversight activities for June 1, 2014 through July 30, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 01/05/2006
Comments: DTSC signed Agreement and sent (FedEx) to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 10/30/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 02/04/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/01/2005
Comments: Fiel work completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 09/20/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/23/2005
Comments: DTSC Approved and Methane Mitigation through a RAW due by 12/23/05

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

AUGUSTINE RAMIREZ INTERMEDIATE SCHOOL (Continued) **S102005836**

Completed Document Type: Removal Action Workplan
Completed Date: 10/31/2006
Comments: DTSC Approved RAW for Implementation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 08/11/2006
Comments: Approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/14/2009
Comments: On October 14, 2009, DTSC received a letter from the District , dated October 6, 2009, requesting that the Environmental Oversight Agreement be re-opened to provide for resampling of soil gas for methane under a SSI Addendum. The letter indicated a technical memorandum for the SSI addendum will be provided to DTSC the week of October 12, 2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 11/17/2009
Comments: On November 17, 2009, DTSC approved the Technical Memorandum provided DTSC comments be incorporated during field work and in the SSI Addendum report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 02/11/2010
Comments: On February 11, 2010, DTSC concurred with the SSI Addendum report conclusions and recommendations provided DTSC comments be incorporated in future Site activities. The report included the following recommendations: rescission of the Removal Action Workplan; no further action in Area A (~21.82 acres); further methane monitoring in Area B (~3.53 acres); and restrictions on Site features that could result in methane accumulations would apply to Area B until no further action is obtained from DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/01/2006
Comments: A Fact Sheet regarding the Draft RAW, dated August 2006, was produced in English and Spanish languages.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/23/2009
Comments: Via email on 01/04/2010, DTSC received summary tables of the first two rounds of soil gas sampling results which indicated the second round of soil gas sampling was completed on 12/23/2009.

AUGUSTINE RAMIREZ INTERMEDIATE SCHOOL (Continued) **S102005836**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 04/01/2006
Comments: In April 2006, DTSC approved the (joint) Community Profile for the Rosa Parks Elementary School and the Augustine Ramirez Intermediate School.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 08/01/2006
Comments: Public Notice for Draft RAW (in English and Spanish languages): Public Comment period is August 1 - 31, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 02/11/2010
Comments: On February 11, 2010, DTSC determined that no further action is required for Area A of the Site, school construction may proceed in Area A, and a new SFPD 4.15 form is not necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/03/2010
Comments: Via email on March 3, 2010, DTSC provided the Fact Sheet to the District with instructions regarding distribution prior to the first quarterly methane monitoring event scheduled for March 23, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 07/09/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/10/2007
Comments: CRU memo.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST:
Region: STATE
Global Id: T0606599026
Latitude: 33.9634772

AUGUSTINE RAMIREZ INTERMEDIATE SCHOOL (Continued) **S102005836**

Longitude:	-117.5844007
Case Type:	Not reported
Status:	Completed - Case Closed
Status Date:	01/23/2003
Lead Agency:	Not reported
Case Worker:	RS
Local Agency:	Not reported
RB Case Number:	083303608T
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0606599026
Contact Type:	Regional Board Caseworker
Contact Name:	ROSE SCOTT
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	rscott@waterboards.ca.gov
Phone Number:	9513206375

Global Id:	T0606599026
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	3880 LEMON ST SUITE 200
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558980

Status History:

Global Id:	T0606599026
Status:	Completed - Case Closed
Status Date:	01/23/2003

Global Id:	T0606599026
Status:	Open - Case Begin Date
Status Date:	03/03/2000

Global Id:	T0606599026
Status:	Open - Site Assessment
Status Date:	03/03/2000

Global Id:	T0606599026
Status:	Open - Site Assessment
Status Date:	12/14/2001

Global Id:	T0606599026
Status:	Open - Verification Monitoring
Status Date:	07/31/2002

AUGUSTINE RAMIREZ INTERMEDIATE SCHOOL (Continued) **S102005836**

Regulatory Activities:

Global Id:	T0606599026
Action Type:	Other
Date:	03/03/2000
Action:	Leak Discovery
Global Id:	T0606599026
Action Type:	ENFORCEMENT
Date:	12/24/2002
Action:	* Verbal Communication
Global Id:	T0606599026
Action Type:	ENFORCEMENT
Date:	12/05/2001
Action:	Staff Letter
Global Id:	T0606599026
Action Type:	ENFORCEMENT
Date:	12/13/2001
Action:	Staff Letter
Global Id:	T0606599026
Action Type:	ENFORCEMENT
Date:	07/31/2002
Action:	Staff Letter
Global Id:	T0606599026
Action Type:	ENFORCEMENT
Date:	06/20/2000
Action:	Staff Letter
Global Id:	T0606599026
Action Type:	ENFORCEMENT
Date:	05/01/2000
Action:	Notice of Responsibility
Global Id:	T0606599026
Action Type:	RESPONSE
Date:	05/31/2000
Action:	Soil and Water Investigation Workplan
Global Id:	T0606599026
Action Type:	RESPONSE
Date:	09/15/2000
Action:	Soil and Water Investigation Report
Global Id:	T0606599026
Action Type:	RESPONSE
Date:	01/04/2002
Action:	Soil and Water Investigation Workplan
Global Id:	T0606599026
Action Type:	RESPONSE
Date:	02/11/2002
Action:	Soil and Water Investigation Report
Global Id:	T0606599026

AUGUSTINE RAMIREZ INTERMEDIATE SCHOOL (Continued) **S102005836**

Action Type: Other
Date: 03/03/2000
Action: Leak Began

Global Id: T0606599026
Action Type: RESPONSE
Date: 09/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0606599026
Action Type: RESPONSE
Date: 01/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0606599026
Action Type: ENFORCEMENT
Date: 01/23/2003
Action: Closure/No Further Action Letter

Global Id: T0606599026
Action Type: Other
Date: 03/03/2000
Action: Leak Reported

Global Id: T0606599026
Action Type: ENFORCEMENT
Date: 10/01/2001
Action: Meeting

Global Id: T0606599026
Action Type: Other
Date: 03/03/2000
Action: Leak Stopped

Global Id: T0606599026
Action Type: ENFORCEMENT
Date: 10/23/2002
Action: File review

Global Id: T0606599026
Action Type: REMEDIATION
Date: 10/24/2002
Action: Monitored Natural Attenuation

LUST REG 8:
Region: 8
County: Riverside
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083303608T
Local Case Num: Not reported
Case Type: Aquifer affected
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: Not reported

AUGUSTINE RAMIREZ INTERMEDIATE SCHOOL (Continued) **S102005836**

Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	Tank
Global ID:	T0606599026
How Stopped Date:	3/3/2000
Enter Date:	5/1/2000
Date Confirmation of Leak Began:	3/3/2000
Date Preliminary Assessment Began:	Not reported
Discover Date:	3/3/2000
Enforcement Date:	Not reported
Close Date:	1/23/2003
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	12/14/2001
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	7/31/2002
Enter Date:	5/1/2000
GW Qualifies:	=
Soil Qualifies:	=
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.965601
Longitude:	-117.584429
MTBE Date:	1/21/2001
Max MTBE GW:	2900
MTBE Concentration:	3
Max MTBE Soil:	2.88
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	Not reported
Staff:	RS
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	33000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	No

Summary: Not reported

ENVIROSTOR:

Facility ID:	33020006
Status:	Active
Status Date:	09/10/2009
Site Code:	404458
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	25.35
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP

AUGUSTINE RAMIREZ INTERMEDIATE SCHOOL (Continued) **S102005836**

Program Manager: Christine Chiu
Supervisor: Yolanda Garza
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 60
Senate: 31
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.96244
Longitude: -117.5855
APN: 134-050-006, 144-030-032, 144-030-033
Past Use: AGRICULTURAL - LIVESTOCK
Potential COC: Methane
Confirmed COC: Methane
Potential Description: IA, SV
Alias Name: Augie Ramirez Intermediate School
Alias Type: Alternate Name
Alias Name: CORONA-NORCO UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: CORONA-NORCO USD-PRPSD SMNR ES/E.VALE MS
Alias Type: Alternate Name
Alias Name: Ramirez Intermediate
Alias Type: Alternate Name
Alias Name: Ramirez Intermediate School
Alias Type: Alternate Name
Alias Name: Rosa Parks Elementary School
Alias Type: Alternate Name
Alias Name: SUMNER ELEMENTARY/EASTVALE MIDDLE SCHOOL
Alias Type: Alternate Name
Alias Name: 134-050-006
Alias Type: APN
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Alias Type: APN
Alias Name: 144-030-033
Alias Type: APN
Alias Name: 110033616987
Alias Type: EPA (FRS #)
Alias Name: 404458
Alias Type: Project Code (Site Code)
Alias Name: 33020006
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/29/2010
Comments: DTSC reviewed the First Quarter 2010 Methane Monitoring Report and requested a couple comments to be addressed, accordingly.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/30/2010
Comments: DTSC reviewed the Second Quarter 2010 Methane Monitoring Report.

Completed Area Name: PROJECT WIDE

AUGUSTINE RAMIREZ INTERMEDIATE SCHOOL (Continued) **S102005836**

Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/26/2010
Comments: DTSC reviewed the Third Quarter 2010 Methane Monitoring Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/08/2011
Comments: DTSC reviewed the Fourth Quarter 2010 Methane Monitoring Report and concurred with the recommendation to change to a semi-annual monitoring schedule beginning second quarter (June) 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/04/2011
Comments: DTSC reviewed the first semi-annual Methane Monitoring Report and concurred with the recommendations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/25/2012
Comments: DTSC reviewed the second semi-annual Methane Monitoring Report and concurred with the recommendations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/09/2012
Comments: DTSC reviewed the Semi-Annual Methane Monitoring Report and did not concur with the recommendation for a No Further Action (NFA) determination on Area B and requested that comments be addressed in future reports. DTSC recommended a minimum of two additional quarterly or semi-annual monitoring events be conducted prior to DTSC's potential NFA determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/22/2012
Comments: DTSC reviewed the quarterly Methane Monitoring Report and concurred with the recommendation for continued monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/04/2013
Comments: DTSC reviewed the quarterly Methane Monitoring Report and requested that monitoring continue on a quarterly basis to assess methane concentration and trends in Area B.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/03/2013

AUGUSTINE RAMIREZ INTERMEDIATE SCHOOL (Continued) **S102005836**

Comments:	DTSC reviewed the quarterly Methane Monitoring Report and requested that monitoring continue on a quarterly basis to assess methane concentration and trends in Area B.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	09/18/2013
Comments:	On September 18, 2013, DTSC provided comments on the Report; also, DTSC recommended that methane monitoring continue on a quarterly basis and that the District propose and discuss additional actions regarding Area B with DTSC.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Tech Memo
Completed Date:	11/18/2013
Comments:	On November 14, 2013, DTSC approved a Technical Memorandum to install methane ventilation wells in Area B.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	04/11/2014
Comments:	On April 11, 2014, DTSC provided comments on the Report and requested such comments be addressed in future methane monitoring activities and reports. The next methane monitoring event is to be conducted during the second half of 2014.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	09/08/2014
Comments:	On September 8, 2014, DTSC provided comments on the Report, requested such comments be addressed in future methane monitoring activities and reports, and requested a conference call to discuss previously unaddressed comments. Two semi-annual monitoring events are anticipated to be conducted in 2015.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	03/18/2015
Comments:	On March 18, 2015, DTSC provided comments on the Report and requested such comments be addressed in future methane monitoring reports.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	05/17/2004
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	08/20/2014
Comments:	On August 20, 2014, DTSC provided a cost estimate of DTSC oversight

AUGUSTINE RAMIREZ INTERMEDIATE SCHOOL (Continued) **S102005836**

activities for June 1, 2014 through July 30, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 01/05/2006
Comments: DTSC signed Agreement and sent (FedEx) to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 10/30/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 02/04/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/01/2005
Comments: Fiel work completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 09/20/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/23/2005
Comments: DTSC Approved and Methane Mitigation through a RAW due by 12/23/05

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/31/2006
Comments: DTSC Approved RAW for Implementation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 08/11/2006
Comments: Approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/14/2009
Comments: On October 14, 2009, DTSC received a letter from the District , dated October 6, 2009, requesting that the Environmental Oversight Agreement be re-opened to provide for resampling of soil gas for

AUGUSTINE RAMIREZ INTERMEDIATE SCHOOL (Continued) **S102005836**

methane under a SSI Addendum. The letter indicated a technical memorandum for the SSI addendum will be provided to DTSC the week of October 12, 2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 11/17/2009
Comments: On November 17, 2009, DTSC approved the Technical Memorandum provided DTSC comments be incorporated during field work and in the SSI Addendum report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 02/11/2010
Comments: On February 11, 2010, DTSC concurred with the SSI Addendum report conclusions and recommendations provided DTSC comments be incorporated in future Site activities. The report included the following recommendations: rescission of the Removal Action Workplan; no further action in Area A (~21.82 acres); further methane monitoring in Area B (~3.53 acres); and restrictions on Site features that could result in methane accumulations would apply to Area B until no further action is obtained from DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/01/2006
Comments: A Fact Sheet regarding the Draft RAW, dated August 2006, was produced in English and Spanish languages.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/23/2009
Comments: Via email on 01/04/2010, DTSC received summary tables of the first two rounds of soil gas sampling results which indicated the second round of soil gas sampling was completed on 12/23/2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 04/01/2006
Comments: In April 2006, DTSC approved the (joint) Community Profile for the Rosa Parks Elementary School and the Augustine Ramirez Intermediate School.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 08/01/2006
Comments: Public Notice for Draft RAW (in English and Spanish languages): Public Comment period is August 1 - 31, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

AUGUSTINE RAMIREZ INTERMEDIATE SCHOOL (Continued) **S102005836**

Completed Document Type: 4.15 Request
Completed Date: 02/11/2010
Comments: On February 11, 2010, DTSC determined that no further action is required for Area A of the Site, school construction may proceed in Area A, and a new SFPD 4.15 form is not necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/03/2010
Comments: Via email on March 3, 2010, DTSC provided the Fact Sheet to the District with instructions regarding distribution prior to the first quarterly methane monitoring event scheduled for March 23, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 07/09/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/10/2007
Comments: CRU memo.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

WDS:
Facility ID: Santa Ana River 335160001
Facility Type: Agricultural - Facility that treats and/or disposes of the wastes associated with confined and concentrated animal feeding, confined animal feeding, confined animal holding, confined and concentrated aquatic animal production facilities, and aquaculture. the treatment and/or disposal of agricultural return water is included in this category.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAG018001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 8
Facility Telephone: Not reported
Facility Contact: Not reported
Agency Name: VANDER MEER DICK
Agency Address: 6851 HARRISON
Agency City,St,Zip: CORONA 91720
Agency Contact: Not reported
Agency Telephone: Not reported
Agency Type: Private

AUGUSTINE RAMIREZ INTERMEDIATE SCHOOL (Continued) **S102005836**

SIC Code:	241
SIC Code 2:	Not reported
Primary Waste Type:	Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Primary Waste:	STORMS
Waste Type2:	N
Waste2:	Stormwater Runoff
Primary Waste Type:	Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Secondary Waste:	Solid Wastes
Secondary Waste Type:	Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
Treat To Water:	Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

Count: 10 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CHINO	S107539760		ON CARPENTER RD,1/8 MI S OF ME	91710	CDL
CHINO HILLS	S107540387		REMINGTON WEST OF CARPENTER	91710	CDL
CORONA	S110370880	VIRAMONTES EXPRESS	17130 HELLMAN AVENUE	92880	SWF/LF
ONTARIO	S107529247		1600 BLOCK OF S ARCHIBALD AVE	91761	CDL
ONTARIO	S107537995		CARPENTER 100 YDS S OF MERRILL		CDL
ONTARIO	S107538042		CHINO AVE, BETW WALKER & ARCHI		CDL
ONTARIO	S107538296		DIRT RD NEAR ARCHIBALD & REMIN		CDL
ONTARIO	S107538422		EDISON, 1/2 MI W OF ARCHIBALD		CDL
ONTARIO	S107539821		ON EUCALYPTUS, 3/4 MI E OF ARC	91762	CDL
ONTARIO	S107541184		WEST OF ARCHIBALD		CDL

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 07/09/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 07/09/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 07/09/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/10/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/16/2015
Date Data Arrived at EDR: 03/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/16/2015
Date Data Arrived at EDR: 03/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 13

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/18/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 63

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 05/04/2015
Date Data Arrived at EDR: 05/05/2015
Date Made Active in Reports: 05/14/2015
Number of Days to Update: 9

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/05/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 05/04/2015
Date Data Arrived at EDR: 05/05/2015
Date Made Active in Reports: 05/14/2015
Number of Days to Update: 9

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/05/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/18/2015
Date Data Arrived at EDR: 05/20/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 16

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 04/30/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 53

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/03/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 03/17/2015
Date Data Arrived at EDR: 05/01/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 52

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/28/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/05/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 48

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/08/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 24

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

State and tribal registered storage tank lists

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 19

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 04/30/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 53

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/28/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 27

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 03/17/2015
Date Data Arrived at EDR: 05/01/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 52

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/05/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 48

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/14/2014
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/06/2015
Date Data Arrived at EDR: 05/19/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 34

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/10/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 05/04/2015
Date Data Arrived at EDR: 05/05/2015
Date Made Active in Reports: 05/14/2015
Number of Days to Update: 9
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/05/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/23/2015
Date Data Arrived at EDR: 03/24/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 70
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/24/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137
Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/23/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39
Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/16/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 8
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/28/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 8
Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/18/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30
Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 05/04/2015
Date Data Arrived at EDR: 05/05/2015
Date Made Active in Reports: 05/14/2015
Number of Days to Update: 9

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/05/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 06/11/2015
Date Data Arrived at EDR: 06/16/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 06/08/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 35

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/09/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/14/2015
Date Data Arrived at EDR: 04/29/2015
Date Made Active in Reports: 05/21/2015
Number of Days to Update: 22

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/05/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/14/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 07/08/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/12/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 12/30/2014
Date Data Arrived at EDR: 12/31/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/03/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 110

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 01/29/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/25/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/10/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 07/09/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/17/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/31/2015
Date Data Arrived at EDR: 04/09/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 63

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 06/04/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/07/2015
Date Data Arrived at EDR: 04/09/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/09/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/18/2015
Date Data Arrived at EDR: 02/27/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 26

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/18/2015
Date Data Arrived at EDR: 05/20/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Quarterly

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 11/19/2014
Date Data Arrived at EDR: 12/15/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 45
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/19/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 18
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 02/18/2015
Date Data Arrived at EDR: 02/20/2015
Date Made Active in Reports: 03/12/2015
Number of Days to Update: 20
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Annually

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/01/2015
Date Made Active in Reports: 05/13/2015
Number of Days to Update: 12

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 35

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/17/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 03/25/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 34

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/25/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/14/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/21/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/18/2015
Date Data Arrived at EDR: 05/22/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 14

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/18/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/01/2015
Date Made Active in Reports: 05/13/2015
Number of Days to Update: 12

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST
EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/07/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List
The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/14/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/07/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 05/14/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands
Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/14/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: N/A

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/12/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 05/14/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/07/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 35

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/09/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/13/2015
Date Data Arrived at EDR: 04/15/2015
Date Made Active in Reports: 04/23/2015
Number of Days to Update: 8

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/14/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/28/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 8

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/28/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/22/2015
Data Release Frequency: Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/21/2015
Date Data Arrived at EDR: 01/28/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 29

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 08/10/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/21/2015
Date Data Arrived at EDR: 01/28/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 29

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 06/05/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/10/2015
Number of Days to Update: 31

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing
Cupa facility list.

Date of Government Version: 11/20/2014
Date Data Arrived at EDR: 11/24/2014
Date Made Active in Reports: 01/07/2015
Number of Days to Update: 44

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 04/17/2015
Date Data Arrived at EDR: 04/21/2015
Date Made Active in Reports: 05/07/2015
Number of Days to Update: 16

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 06/11/2014
Date Data Arrived at EDR: 06/13/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 24

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 06/12/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 13

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 05/04/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 05/19/2015
Date Data Arrived at EDR: 05/22/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 14

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 05/18/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 7

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 05/04/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 03/31/2015
Date Data Arrived at EDR: 04/15/2015
Date Made Active in Reports: 04/23/2015
Number of Days to Update: 8

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/06/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 07/14/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 04/27/2015
Date Data Arrived at EDR: 04/28/2015
Date Made Active in Reports: 05/13/2015
Number of Days to Update: 15

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/21/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/22/2014
Date Data Arrived at EDR: 11/12/2014
Date Made Active in Reports: 12/19/2014
Number of Days to Update: 37

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 06/12/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/28/2015
Date Made Active in Reports: 06/15/2015
Number of Days to Update: 18

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/21/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 05/05/2015
Date Data Arrived at EDR: 05/07/2015
Date Made Active in Reports: 05/20/2015
Number of Days to Update: 13

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/20/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/24/2014
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 33

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/10/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/20/2015
Date Data Arrived at EDR: 04/20/2015
Date Made Active in Reports: 05/07/2015
Number of Days to Update: 17

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/21/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/20/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/15/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 40

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/15/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/17/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/03/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 16

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/03/2015
Date Data Arrived at EDR: 06/04/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 32

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 06/04/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/15/2015
Number of Days to Update: 17

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 10/08/2014
Date Data Arrived at EDR: 10/22/2014
Date Made Active in Reports: 12/15/2014
Number of Days to Update: 54

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 07/06/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 05/22/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 10

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 06/01/2015
Date Data Arrived at EDR: 06/03/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 33

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/30/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 07/16/2015
Number of Days to Update: 9

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/12/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 18

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/04/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2015
Date Data Arrived at EDR: 05/12/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 24

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2015
Date Data Arrived at EDR: 05/12/2015
Date Made Active in Reports: 06/08/2015
Number of Days to Update: 27

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/01/2015
Date Data Arrived at EDR: 05/12/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 30

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/12/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

PLACER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6
Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/28/2015
Date Data Arrived at EDR: 04/30/2015
Date Made Active in Reports: 05/13/2015
Number of Days to Update: 13
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 04/28/2015
Date Data Arrived at EDR: 04/30/2015
Date Made Active in Reports: 05/13/2015
Number of Days to Update: 13
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/02/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 04/16/2015
Number of Days to Update: 8
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/09/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/02/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 04/16/2015
Number of Days to Update: 8
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/09/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 06/30/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 7

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/12/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2014
Date Data Arrived at EDR: 11/21/2014
Date Made Active in Reports: 12/29/2014
Number of Days to Update: 38

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 06/03/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 10

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 05/22/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/10/2015
Number of Days to Update: 15

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 04/13/2015
Date Data Arrived at EDR: 04/15/2015
Date Made Active in Reports: 04/23/2015
Number of Days to Update: 8

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/15/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/10/2015
Date Data Arrived at EDR: 06/16/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 28

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 06/10/2015
Date Data Arrived at EDR: 06/16/2015
Date Made Active in Reports: 07/10/2015
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/07/2015
Date Data Arrived at EDR: 05/12/2015
Date Made Active in Reports: 06/08/2015
Number of Days to Update: 27

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/07/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 05/22/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/08/2015
Number of Days to Update: 13

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/12/2015
Date Data Arrived at EDR: 06/16/2015
Date Made Active in Reports: 07/10/2015
Number of Days to Update: 24

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/19/2015
Date Data Arrived at EDR: 06/24/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 20

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 06/19/2015
Date Data Arrived at EDR: 06/30/2015
Date Made Active in Reports: 07/07/2015
Number of Days to Update: 7

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 06/22/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 18

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 07/01/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 7

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 06/05/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 27

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 05/05/2015
Date Data Arrived at EDR: 05/07/2015
Date Made Active in Reports: 05/13/2015
Number of Days to Update: 6

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 04/27/2015
Date Data Arrived at EDR: 05/22/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 14

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/15/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/18/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 04/27/2015
Date Data Arrived at EDR: 04/29/2015
Date Made Active in Reports: 05/13/2015
Number of Days to Update: 14

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/27/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 19

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/01/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 12

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 07/06/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 05/18/2015
Date Data Arrived at EDR: 05/19/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 17

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 05/18/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/18/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 04/29/2015
Date Made Active in Reports: 05/29/2015
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/01/2015
Date Data Arrived at EDR: 05/06/2015
Date Made Active in Reports: 05/20/2015
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/21/2014
Date Made Active in Reports: 08/25/2014
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/20/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/11/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Telephone: 281-546-1505
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: 800-823-6277
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

AGRICULTURAL LAND
APNS 218-311-02, -03, -07, -08, AND -10
CHINO, CA 91710

TARGET PROPERTY COORDINATES

Latitude (North):	33.9794 - 33° 58' 45.84''
Longitude (West):	117.5969 - 117° 35' 48.84''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	444862.7
UTM Y (Meters):	3759838.0
Elevation:	652 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5640930 CORONA NORTH, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

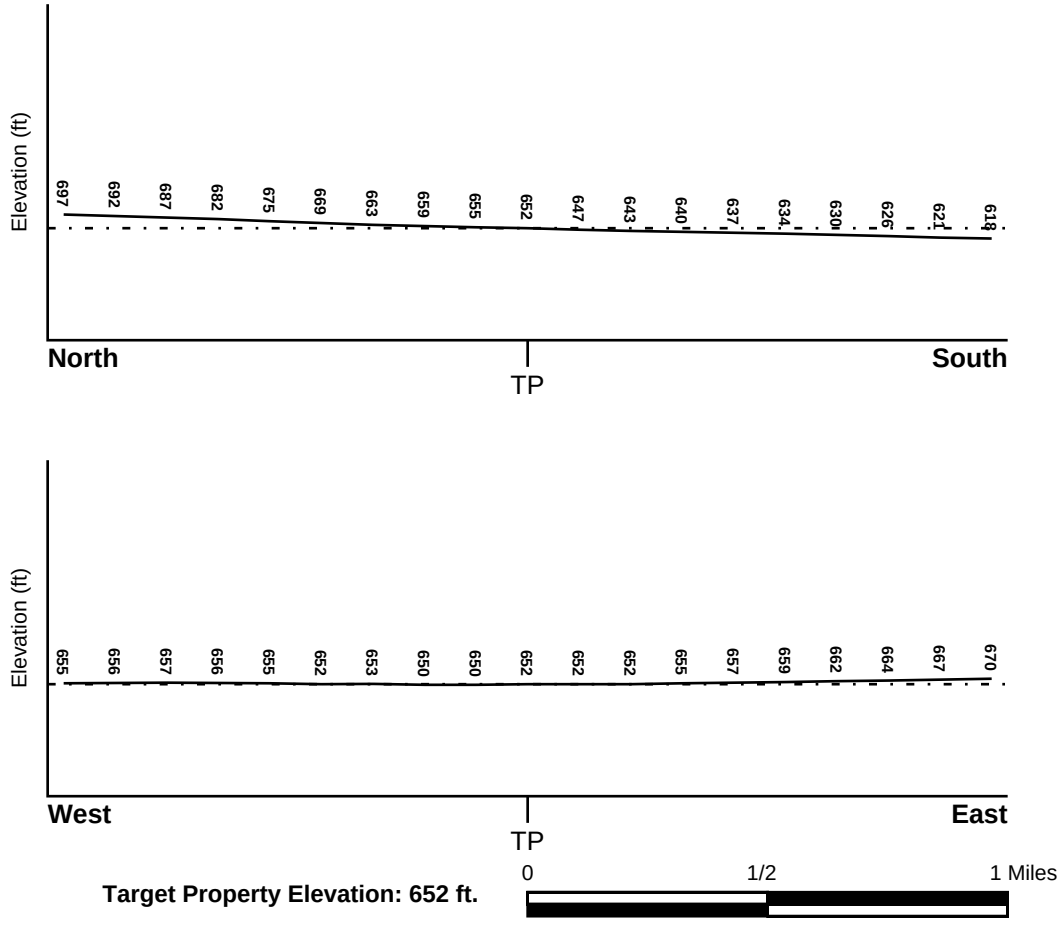
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
SAN BERNARDINO, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06071C - FEMA DFIRM Flood data

Additional Panels in search area: 06065C - FEMA DFIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
CORONA NORTH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

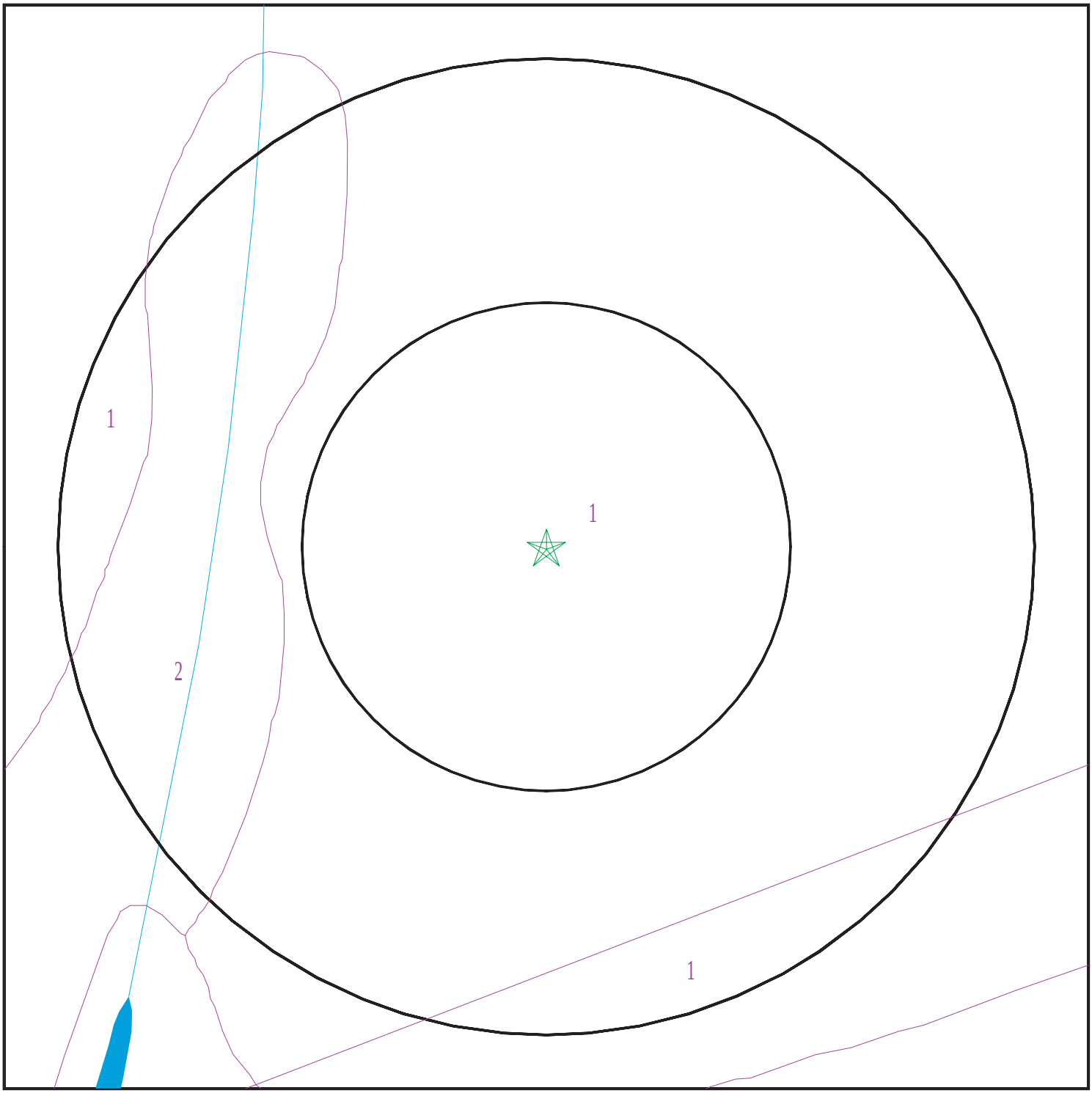
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 4362112.2s



SITE NAME:	Agricultural Land	CLIENT:	Partner Engineering and Science, Inc.
ADDRESS:	Apns 218-311-02, -03, -07, -08, and -10 Chino CA 91710	CONTACT:	Yvonne Rodriguez
LAT/LONG:	33.9794 / 117.5969	INQUIRY #:	4362112.2s
		DATE:	July 22, 2015 5:03 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: HILMAR

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	22 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1
2	22 inches	59 inches	stratified loamy sand to loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: GRANGEVILLE

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 9 Min: 7.9
2	11 inches	59 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

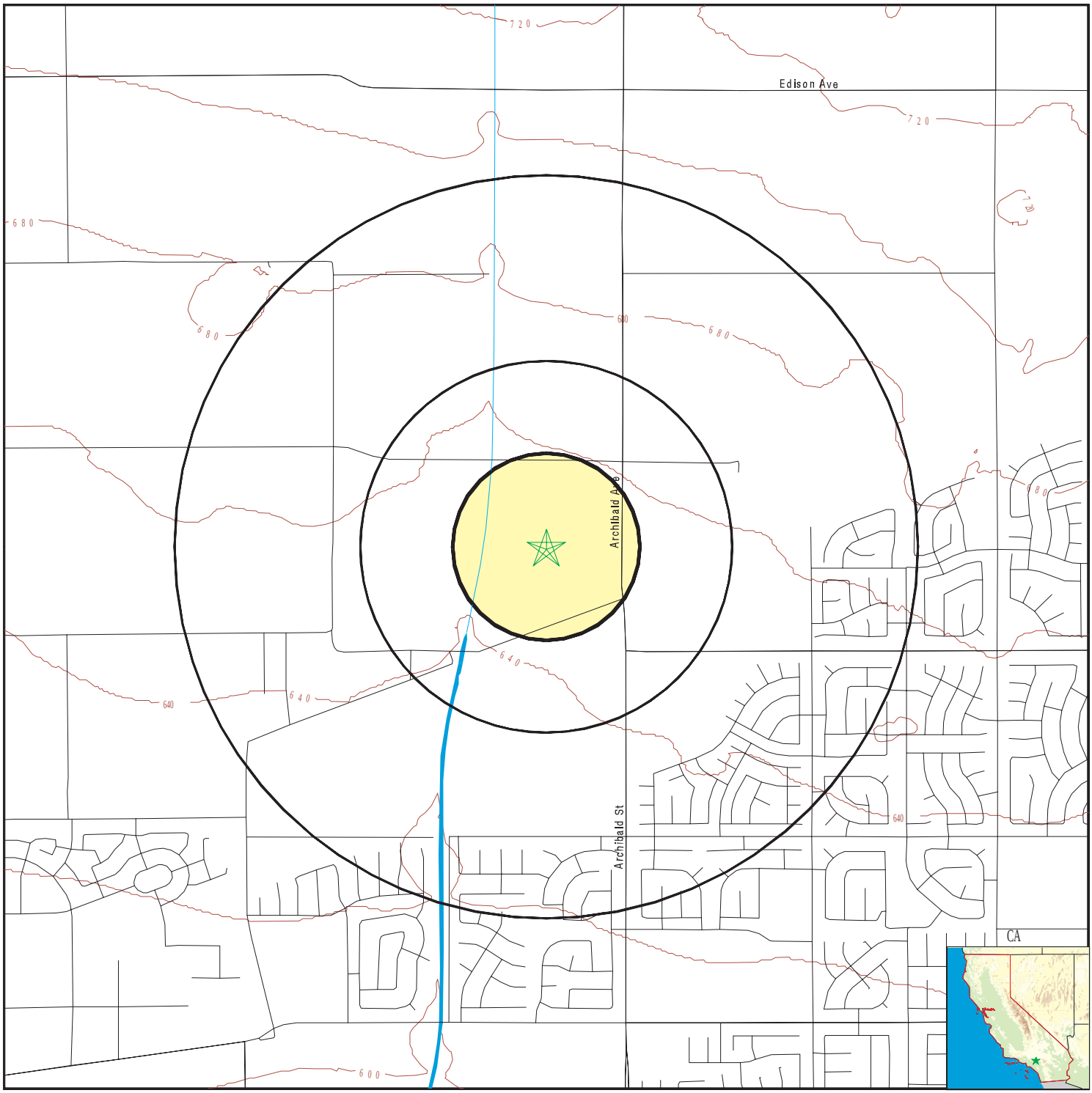
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 4362112.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Agricultural Land	CLIENT:	Partner Engineering and Science, Inc.
ADDRESS:	Apns 218-311-02, -03, -07, -08, and -10 Chino CA 91710	CONTACT:	Yvonne Rodriguez
LAT/LONG:	33.9794 / 117.5969	INQUIRY #:	4362112.2s
		DATE:	July 22, 2015 5:03 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
91710	14	0

Federal EPA Radon Zone for SAN BERNARDINO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 91710

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.900 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX D: QUALIFICATIONS

PARTNER

Brianna Menke

Environmental Scientist

Education

Master of Environmental Management
Environmental Economics and Policy Concentration
Duke University-Nicholas School of the Environment
Bachelor of Arts in Geography/Environmental Studies
Environmental Systems and Society Minor
University of California, Los Angeles

Summary of Professional Experience

Ms. Menke has experience in the environmental service industry. She has experience in due diligence assessments for a variety of property types and the needs and requirements of varied number of reporting standards, including ASTM standards, EPA's All Appropriate Inquiry (AAI), and customized client formats. Specifically, Ms. Menke has performed Database Reviews (DRs), Mini Phase I Environmental Assessments, and other related environmental assessments for various property types.

While in graduate school, Ms. Menke concentrated a large portion of her studies on environmental law and policy and conducted research on environmental due diligence and remediation projects for various professors. Ms. Menke has experience in preparing and reviewing documentation in support of the National Environmental Policy Act (NEPA) and the California Environmental Quality Act (CEQA) for government agencies, academic institutions, and several non-profit groups.

Ms. Menke has technical writing experience working for the following financial institutions:

- Alliant Capital, LLC
- JP Morgan Chase Bank
- 1st Century Bank, N.A.
- Sun Trust Bank

Finally, Ms. Menke's diversity across residential, industrial, and commercial environments is a major contribution to Partner Engineering and Science's Associate team in the Southwest region of the United States.

Trevor Hornbacher

Senior Project Manager

Education
BS in Biology - John Brown University, Arkansas

Registrations
ASTM E2600 Vapor Encroachment Screening – Certificate #1968
Asbestos Building Inspector – WI (AII-4415), IL (100-10557), MI (A30867), IN (19A002320)
UT (ASB-4535, MS (ABI-00002940)

Training
Lead Inspector Training
40-hour Hazardous Waste Operations and Emergency Response
USEPA National Radon Measurement Proficiency
Wetland Delineation – UW La Crosse, Wisconsin
ASTM International E1527 Phase I Environmental Site Assessment Training
ASTM International E2600 Vapor Encroachment Screening
NGWA Soil and Groundwater Modeling for Risk Assessments and Soil Clean-up Level Evaluations

Professional Affiliations
ASTM International Committee E50 - Voting Member
Federation of Environmental Technologist – Wisconsin
Wisconsin Groundwater Association
Environmental Bankers Association

Summary of Professional Experience
Mr. Hornbacher has over 20 years of experience in the environmental service industry. From 1993 through 2004, Mr. Hornbacher worked at two Wisconsin-based environmental firms serving as environmental staff scientist. The strong foundation that he gathered provided the necessary catalyst for Mr. Hornbacher to serve as the Midwest Due Diligence Program Lead of a world-wide engineering and environmental firm, from 2004 through 2014 – prior to joining Partner.

Mr. Hornbacher has significant experience in due diligence assessments for a variety of property types and reporting standards, including ASTM standards, EPA's All Appropriate Inquiry (AAI), and customized client formats. Specifically, Mr. Hornbacher has performed or managed Phase I Environmental Site Assessments, Environmental Transaction Screens, Phase II and III Subsurface Investigations, Remediation Design projects, Property Condition Assessments (PCAs), Small Loan PCAs, Probable Maximum Loss Assessments, Regulatory Compliance Assessments, Asbestos Surveys, Lead-based Paint Surveys, Radon Studies, Mold Assessments, and Lead-in-water sampling and analysis.

Mr. Hornbacher has served as a client manager, senior project manager and senior assessor for projects at pending/existing USEPA Superfund and Alternative Program Sites, industrial parks, manufacturing facilities, decommissioned military bases, railroad properties, service stations and dry-cleaning facilities located throughout the United States, Canada, Mexico and Europe. He has managed, directed and completed site assessments, subsurface investigations and remediation work at various sites including former steel mills, power plants, Alaskan pipeline and distribution facilities, manufacturing facilities, tool & die shops, medical equipment manufacturing facilities, electrical company service and warehouse facilities, railroad service and refueling facilities, and asphalt manufacturing plants.

Finally, Mr. Hornbacher's diversity across residential, industrial, municipal, and commercial environments is a major contribution to Partner Engineering and Science's Associate team in the Great Lakes region of the United States.

Select Project Experience

Environmental Due Diligence

Senior Assessor, Confidential Client – Railroad Sector, Project Sites in Illinois, Indiana, Minnesota, Pennsylvania, Wisconsin

Senior Assessor responsible for due diligence assessments and project team member for the design and implementation of site investigation activities. Sites have included various railroad related operational areas such as, round-houses, refueling stations, oil storage yards and maintenance yards. At a Gary Indiana project site comprised of a 3-mile corridor of land traversing over one USEPA On-Scene Coordinator Emergency Response site and a pending USEPA Superfund site and nine other private properties with adverse environmental conditions, completed a Phase I ESA and Data Gap Analysis in conjunction with a review of USEPA Superfund and Indiana Department of Environmental Management records. Upon identification of data gaps, a Baseline Environmental Assessment was developed and implemented to evaluate environmental liabilities and minimize cost expenditures during planned developments.

Project Manager and Senior Assessor, City of Chicago Department of Fleet and Facility Services, USEPA-Funded Brownfield Assessment Program

Project Manager and Senior Assessor responsible for the preparation and implementation of a USEPA-approved Quality Assurance Project Plan, the completion of Phase I ESAs, the development of a USEPA-approved Sampling and Analysis Plans, and the implementation of site investigation activities. The Former Ingersoll Products project, a 20-acre former heavy manufacturing industrial site and former USEPA Emergency Response Action site with petroleum and chlorinated hydrocarbon, PCB, asbestos and lead contamination, required the completion of a Phase I ESA and Data Gap Analysis, a review of USEPA and Illinois Environmental Protection Agency records, the identification of data gaps, and the development of an investigation and remedial cost estimate. This order-of-magnitude cost estimate was based upon detailed environmental data available and reviewed during the Phase I ESA.

Project Scientist and Regional Manager, Various FDIC Foreclosure Receiverships and SBA-financed loans, Project Sites in Wisconsin, Utah, Nevada, Washington
Project Scientist and Manager of various single to multi-site portfolio projects. The portfolio scopes included performance of FDIC Environmental Checklists, FDIC-compliant Phase I ESAs or SBA-compliant Phase I ESAs. Supplemental work included the completion of Phase II subsurface investigations and Asbestos Identification Surveys.

Investigation and Remediation

Project Manager and Senior Assessor, Confidential Client - Coal/Coke Transshipment Sector, Project Site Chicago, Illinois
Project Manager and Senior Assessor responsible for the completion of a Phase I ESA and Data Gap Analysis, a review of USEPA and Illinois Environmental Protection Agency records, the identification of data gaps, and the development of a Sampling and Analysis Plan, and the implementation of Phase II subsurface investigation activities. The Chicago Illinois project, which was an 80-acre former steel making plant, along with its buried slag material and active transshipment activities (rail/ship/truck) presented unique challenges in the completion of Phase II ESA activities. Coordination with on-site operations and the supervision and time-management of excavation and sonic drilling sub-contractors was critical in executing the project objectives, maintaining seller-buyer relationships and facilitating the acquisition.

Project Scientist, Confidential Client International Merger & Acquisition Sector, Manufacturing Facility in Kiel, Wisconsin
Project Scientist responsible for the Phase I ESA, project team member for design and implementation of site investigation and remedial action strategies, and client / regulatory liaison. This industrial site located within the Wisconsin Department of Natural Resources Appleton, WI jurisdiction, was situated within a historic industrial use corridor. The chlorinated and petroleum hydrocarbon impacts attributed to on-site activities was one of many facilities contributing to a regionally identified, comingled contaminant condition. The site investigation (which included a vapor intrusion evaluation) and the implemented remediation actions minimized the environmental liability risks and facilitated the merger and acquisition. The WDNR issued a Certificate of Completion under the Voluntary Party Liability Exemption program for this site.

Asbestos and Lead

Project Manager and Senior Assessor, Confidential Client - National Not-for-Profit Community-based Developer, Elgin Community College in Elgin, Illinois
Project Manager and Senior Assessor responsible for the completion of a Phase I ESA, Phase II subsurface investigation activities, and Pre-Demolition Survey. The Pre-Demolition Survey included the inspection, sampling, evaluation and inventory of asbestos, lead, hazardous materials, USTs and other materials to facilitate deconstruction, recycling, and re-use goals.

Robert S. Geiger
Principal

Education
MBA, University of Southern California
Bachelor of Science, Civil Engineering, Marquette University

Summary of Professional Experience
Mr. Geiger has 12 years of experience providing engineering and environmental consulting services and currently serves institutional real estate investors, national and regional banks, corporate clients, and brokers involved in commercial real estate investments. Mr. Geiger's commercial real estate due diligence experience includes overseeing the following scopes of work on behalf of his clients:

- Property Condition Assessments (PCA)
- Phase I & II ESAs
- Construction Doc & Cost Reviews
- Construction Progress Monitoring
- ALTA Surveys
- Zoning Reports
- Asbestos, LBP & Radon Surveys
- Site Remediation
- Seismic Assessments
- Energy Audits & Retrofits

For clients and projects located in any region of the country, Mr. Geiger deploys the services of over 200 in-house staff to complete projects at industrial, office, multifamily, and retail properties. Mr. Geiger utilizes local engineers and environmental professionals located in 23 Partner offices throughout the U.S to routinely perform PCAs per ASTM E2018 and Phase I ESAs per ASTM E1527-05. His team is often engaged to complete multi-scope due diligence projects for multi-site portfolio acquisitions. Mr. Geiger and his team also specialize in the following: delivering equity-level PCAs involving mechanical/electrical/plumbing (MEP), roof, façade, and elevator specialists; performing proactive construction advisory and progress monitoring services to mitigate construction risk; supporting asset management teams in identifying deferred maintenance items and supporting capital budgeting for their property portfolios; and evaluating energy efficiency opportunities and the follow-up implementation of those engineered solutions.

Mr. Geiger applied Partner's expertise in Phase I ESAs to obtain a specialized 5-year contract award with the U.S. Department of Interior, Bureau of Land Management. The project work involves completing Phase I ESAs per ASTM E2247-08 where Partner assesses large land tracts in extreme rugged desert and mountainous terrains that require unique site reconnaissance approaches. Mr. Geiger also drew upon Partner's expertise in developing program policies and procedures and directed a proposal leading to a contract award with Fannie Mae's Washington D.C. headquarters. Partner was tasked with supporting the development of new Physical Needs Assessment (PNA) policy and procedures to be adhered to by the Multifamily Delegated Underwriting and Servicing (DUS) Lender community.

In prior industry experience, Mr. Geiger provided engineering cost evaluations to Fortune 1000 companies in the form of insurance cost recovery services. The program recovered over $3 billion in insurance settlements for companies in the petrochemical, pulp and paper, manufacturing, utility, and pharmaceutical industries. His responsibilities included preparing multi-volume settlement reports containing planning-level engineering design, engineering cost estimations, and quantified environmental liabilities.

In the 1990's as a U.S. Environmental Protection Agency (EPA) enforcement contractor, Mr. Geiger performed EPA's version of the Phase I ESA, the Preliminary Assessment/Visual Site Inspection (PA/VSI), at hazardous waste treatment, storage, or disposal facilities located throughout EPA Region 5. Mr. Geiger evaluated sites in the automotive, electro-plating, petrochemical, manufacturing involving paint and solvents, and nuclear power industries. Mr. Geiger was then involved EPA's subsequent Environmental Priorities Initiative and the National Corrective Action Prioritization System (NCAPS) RCRA Scoring Project. NCAPS RCRA Scoring involved evaluating the results of hundreds of PA/VSIs and prioritizing the properties for corrective action. EPA received a Governmental Bronze Medal for this project. Mr. Geiger also served as a contractor at the Pentagon in providing the U.S. Department of Defense with environmental and economic policy development related to the Base Closure and Realignment Program.