

Appendix F

Phase I Environmental Assessment





Property Solutions INC.

Environmental & Engineering Consulting

2601 Main Street, Suite 370 • Irvine, California 92614 • 800-836-3696 • Fax 856-813-1068

PHASE I ENVIRONMENTAL ASSESSMENT

of

Heritage Ridge Development
Northeast side of Los Carneros Road and Calle Koral
Goleta, Santa Barbara County, California 93117

Prepared for:

The Towbes Group, Inc.
21 East Victoria Street, Suite 200
Santa Barbara, California 93101

Prepared by:

Property Solutions Incorporated
2601 Main Street, Suite 370
Irvine, California 92614

Revised Draft: September 22, 2014
Final: September 25, 2014

Property Solutions Project No. 20143233



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Dated: September 25, 2014

Property Solutions Project No. 20143233

Marc Hachey, PG, CEG
Environmental Scientist

Michael Bernstein
Technical Manager

Tim Clackett
Regional Director

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



Marc Hachey, PG, CEG
Environmental Scientist



Michael Bernstein
Technical Manager

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PROJECT SUMMARY

Client Name:	The Towbes Group, Inc.	Property Visit Date:	August 4, 2014
Client Contact:	Ms. Linda Blackburn	Construction Date:	Not applicable
Property Solutions Project No.:	20143233	No. Bldgs./Units:	None
Property Solutions Project Manager:	Mr. Tim Clackett	No. of Stories:	Not applicable
Phone No.:	(856) 813-3000 ext. 209	Bldg. Square Footage:	Not applicable
Email:	Tclackett@propertysolutionsinc.com	Property Acreage:	16.2 acres
Property Name:	Heritage Ridge Development	Basement/Slab-on-grade:	Not applicable
Property Address:	Northeast side of Los Carneros Road and Calle Koral	Property Use:	Unpaved temporary construction yard
Property Town, County, State:	Goleta, Santa Barbara County, CA	Property History:	Orchard or citrus grove
Property Identification:	APNs 073-060-031 to -043	Other Improvements:	Portable trailers

Our review of general property information, observation of adjacent properties, research of historical property information, including a review of environmental records, and a property visit revealed the following:

	No Further Action	REC	CREC	HREC	De Minimis Conditions	ASTM Non-scope Considerations	Opinion of Probable Cost	Refer to Section
Property Operations	X							2.3
Neighboring Properties	X							5.0
Historical Review	X							6.0
Previous Reports					(1)			6.6
Regulatory Review	X							8.0
USTs	X							9.1.1
ASTs	X							9.1.2
PCBs	X							9.1.3
Chemicals/Hazardous Materials/Raw Materials						(2)		9.1.5
Waste Generation/Disposal	X							9.1.6
Stressed Vegetation, Staining, and Odors	X							9.1.10
Surficial Disturbances	X							9.1.11
ACMs	X							9.2.1
Radon						(3)		9.2.2
Lead-Based Paint	X							9.2.3
Lead in Drinking Water	X							9.2.4

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	No Further Action	REC	CREC	HREC	De Minimis Conditions	ASTM Non-scope Considerations	Opinion of Probable Cost	Refer to Section
Other	X							

Notes / Recommendations: To understand the property and report, you must read the Executive Summary and complete report.

We have performed a Phase I Environmental Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of the Heritage Ridge Development located northeast of South Los Carneros and Calle Koral in Goleta, Santa Barbara County, California 93117. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property except for the following:

De Minimis Condition(s)

The following de minimis condition was identified at the subject property based on the findings provided in this report:

- (1) Imported fill is located on the subject property. Property Solutions reviewed the following reports and correspondence:
 - In their Phase I Environmental Site Assessment report dated April 2, 1999, Dames & Moore noted the presence of large piles of fill soil on Property Solutions’ subject property. The source of the fill was not identified. No discolored soil was noted. Dames & Moore did not identify the fill as a recognized environmental condition, and made no recommendations for further action.
 - In their Report of Soil Removal dated August 12, 2004, Earth Systems Pacific documented the removal of approximately 130 cubic yards of hydrocarbon-contaminated soil (diesel fuel or fuel oil) that had mistakenly been deposited on Property Solutions’ subject property. The removal action included the collection and analysis of post-excavation soil samples in order to evaluate the adequacy of the remedial action. A total of 400 cubic yards of soil was transported for off-property disposal. Earth System Pacific concluded that the remedial action was adequate.
 - In their Soils Material Report dated July 20, 2010, Earth Systems Pacific noted a “slight hydrocarbon odor” in the logs for all five soil borings advanced on the southwestern arm of Property Solutions’ subject property for geotechnical engineering purposes. Earth Systems Pacific’s A-A’ cross section, which extends for more than 600 feet from northeast to southwest across the investigated area, identifies a “slight hydrocarbon odor” from an upper depth of 10 to 15 feet below ground extending to a lower depth of 16 to 25 feet below ground surface. Earth Systems Pacific’s B-B’ cross section, which extends for more than 800 feet from north to south across the investigated area, also identifies a “slight hydrocarbon odor” from an upper depth of 10 to 15 feet below ground extending to a lower depth of 16 to 25 feet below ground surface.
 - In their Geotechnical Engineering Report dated July 8, 2014, Earth Systems Pacific noted that groundwater on the subject property occurred at depths as shallow as 22.5 feet below ground surface.

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- In their Results of Soil Analysis, Northwest Stockpile dated August 1, 2014, Earth Systems Pacific noted the presence of stained and odorous soils, which, in their estimation, that might render the soil undesirable for use at a property that is to be developed as a school, hospital, or residence. Earth Systems Pacific also reported that laboratory analysis did not identify concentrations of target compounds that would preclude the use of the soils for fill at properties proposed for other uses.

On the basis of the documentation reviewed, Property Solutions concludes that various areas of the subject property have experienced the delivery and removal of contaminated soils over a period of years. Because of its depth, the soil that is noted with a “slight hydrocarbon odor” in the Soils Material Report dated July 20, 2010, appears to be a de minimis condition.

Property Solutions understands from conversation with The Towbes Group, Inc. that the subject property is proposed for residential development, and that the City of Santa Barbara and the Regional Water Quality Control Board are expected to issue directives regarding the management of environmental issues, including soils. Property Solutions also understands that management of soil piles is ongoing at this time, and that the preparation of a Soil Management Plan is anticipated for the development project.

Property Solutions recommends that the property owner coordinate environmental activities with the City of Santa Barbara and the Regional Water Quality Control Board so that development can be completed in accordance with regulatory requirements.

ASTM Non-Scope Considerations

The following ASTM non-scope considerations were identified at the subject property based on the findings provided in this report:

- (2) At the time of the property visit, the subject property was being used as an unpaved construction yard. A portable diesel-fired emergency generator was present. No evidence of a fuel release was observed.

Property Solutions recommends that the area be periodically viewed for possible releases of hazardous substances. A final walkthrough should be performed immediately upon the contractor’s departure.

- (3) According to information provided by EDR, Santa Barbara County is located in radon Zone 1 (high potential). State of California information states that 48 of 312 radon tests conducted in the subject property zip code exceeded the USEPA-recommended action level of 4.0 picoCuries per liter (pCi/L). Federal information states that for 13 sites tested in the subject property zip code, the average radon activity for first-floor living areas was 2.915 pCi/L. Property Solutions understands that the subject property is proposed for the construction of slab-on-grade residential buildings.

Property Solutions recommends that radon be taken into consideration when designs are being prepared for the proposed residential buildings.

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EXECUTIVE SUMMARY

Property Solutions Incorporated (Property Solutions) conducted a Phase I Environmental Assessment of the Heritage Ridge Development located northeast of South Los Carneros and Calle Koral in Goleta, Santa Barbara County, California 93117 (subject property) at the request of The Towbes Group, Inc.

The subject property consists of an irregular-shaped, 16.2-acre, multi-parcel site located on the east side of South Los Carneros Road north of Calle Koral and south of U.S. Route 101, and extending along the north and west sides of Camino Vista. The subject property is generally unimproved land. At the time of the property visit, the northwestern portion of the subject property was utilized as a temporary construction yard/construction access point for an overpass improvement project along South Los Carneros Road. The central portion of the subject property was occupied by several temporary trailers and stored equipment associated with the recent construction of the apartment complex to the south-southeast. No water bodies are located on the subject property or adjoining properties. Vehicular access to the subject property is gained via two unpaved access roads on the southeast side of the subject property along Camino Vista.

The subject property was historically used for agricultural purposes (orchards and/or citrus groves)

We have performed a Phase I Environmental Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of the Heritage Ridge Development located northeast of South Los Carneros and Calle Koral in Goleta, Santa Barbara County, California 93117. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property.

De minimis conditions are a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. The following de minimis condition was identified at the subject property based on the findings provided in this report:

- (1) Imported fill is located on the subject property. Property Solutions reviewed the following reports and correspondence:
 - In their Phase I Environmental Site Assessment report dated April 2, 1999, Dames & Moore noted the presence of large piles of fill soil on Property Solutions' subject property. The source of the fill was not identified. No discolored soil was noted. Dames & Moore did not identify the fill as a recognized environmental condition, and made no recommendations for further action.

- In their Report of Soil Removal dated August 12, 2004, Earth Systems Pacific documented the removal of approximately 130 cubic yards of hydrocarbon-contaminated soil (diesel fuel or fuel oil) that had mistakenly been deposited on Property Solutions' subject property. The removal action included the collection and analysis of post-excavation soil samples in order to evaluate the adequacy of the remedial action. A total of 400 cubic yards of soil was transported for off-property disposal. Earth System Pacific concluded that the remedial action was adequate.
- In their Soils Material Report dated July 20, 2010, Earth Systems Pacific noted a "slight hydrocarbon odor" in the logs for all five soil borings advanced on the southwestern arm of Property Solutions' subject property for geotechnical engineering purposes. Earth Systems Pacific's A-A' cross section, which extends for more than 600 feet from northeast to southwest across the investigated area, identifies a "slight hydrocarbon odor" from an upper depth of 10 to 15 feet below ground extending to a lower depth of 16 to 25 feet below ground surface. Earth Systems Pacific's B-B' cross section, which extends for more than 800 feet from north to south across the investigated area, also identifies a "slight hydrocarbon odor" from an upper depth of 10 to 15 feet below ground extending to a lower depth of 16 to 25 feet below ground surface.
- In their Geotechnical Engineering Report dated July 8, 2014, Earth Systems Pacific noted that groundwater on the subject property occurred at depths as shallow as 22.5 feet below ground surface.
- In their Results of Soil Analysis, Northwest Stockpile dated August 1, 2014, Earth Systems Pacific noted the presence of stained and odorous soils, which, in their estimation, that might render the soil undesirable for use at a property that is to be developed as a school, hospital, or residence. Earth Systems Pacific also reported that laboratory analysis did not identify concentrations of target compounds that would preclude the use of the soils for fill at properties proposed for other uses.

On the basis of the documentation reviewed, Property Solutions concludes that various areas of the subject property have experienced the delivery and removal of contaminated soils over a period of years. Because of its depth, the soil that is noted with a "slight hydrocarbon odor" in the Soils Material Report dated July 20, 2010, appears to be a de minimis condition.

Property Solutions understands from conversation with The Towbes Group, Inc. that the subject property is proposed for residential development, and that the City of Santa Barbara and the Regional Water Quality Control Board are expected to issue directives regarding the management of environmental issues, including soils. Property Solutions also understands that management of soil piles is ongoing at this time, and that the preparation of a Soil Management Plan is anticipated for the development project.

Property Solutions recommends that the property owner coordinate environmental activities with the City of Santa Barbara and the Regional Water Quality Control Board so that development can be completed in accordance with regulatory requirements.

ASTM non-scope considerations are business environmental risks that are not included in the ASTM 1527-13 scope of work. The following ASTM non-scope consideration was identified at the subject property based on the findings provided in this report:

- (2) At the time of the property visit, the subject property was being used as an unpaved construction yard. A portable diesel-fired emergency generator was present. No evidence of a fuel release was observed.

Property Solutions recommends that the area be periodically viewed for possible releases of hazardous substances. A final walkthrough should be performed immediately upon the contractor's departure.

- (3) According to information provided by EDR, Santa Barbara County is located in radon Zone 1 (high potential). State of California information states that 48 of 312 radon tests conducted in the subject property zip code exceeded the USEPA-recommended action level of 4.0 picoCuries per liter (pCi/L). Federal information states that for 13 sites tested in the subject property zip code, the average radon activity for first-floor living areas was 2.915 pCi/L. Property Solutions understands that the subject property is proposed for the construction of slab-on-grade residential buildings.

Property Solutions recommends that radon be taken into consideration when designs are being prepared for the proposed residential buildings.

1.0 INTRODUCTION

Property Solutions Incorporated (Property Solutions) conducted a Phase I Environmental Assessment of the Heritage Ridge Development located northeast of South Los Carneros and Calle Koral in Goleta, Santa Barbara County, California 93117 (subject property) at the request of The Towbes Group, Inc. The Towbes Group, Inc. is considered the User, as defined in ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The subject property is identified as APNs 073-060-031 to -043, according to the Santa Barbara County Assessor.

A property location map is included in Appendix A.

This Phase I Environmental Assessment was conducted in general accordance with industry-accepted practices and American Society for Testing and Materials (ASTM) Standard E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The work was authorized by the signed proposal (P34219) dated July 21, 2014.

Per the ASTM practice and throughout this report, the Client will be considered the same as the User in the ASTM E 1527-13 practice.

1.1 Purpose

The purpose of a Phase I Environmental Assessment is to evaluate issues that may have an impact on the subject property. The purpose of the ASTM E 1527-13 practice is to define good commercial and customary practice in the United States of America for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) and petroleum products. As such, this practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability (hereinafter, the “landowner liability protections,” or “LLPs”): that is, the practice that constitutes all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial and customary practice as defined at 42 U.S.C. §9601(35)(B). (See ASTM E 1527-13 Appendix X1 for an outline of CERCLA’s liability and defense provisions.) Controlled substances are not included within the scope of this standard. Persons conducting an environmental site assessment as part of an EPA Brownfields Assessment and Characterization Grant awarded under CERCLA 42 U.S.C. §9604(k)(2)(B) must include controlled substances as defined in the Controlled Substances Act (21 U.S.C. §802) within the scope of the assessment investigations to the extent directed in the terms and conditions of the specific grant or cooperative agreement. Additionally, an evaluation of business environmental risks associated with a parcel of commercial real estate may necessitate investigation beyond that identified in this practice (see ASTM E 1527-13 Sections 1.3 and 13).

The goal of the processes established by this practice is to identify recognized environmental conditions. The term recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.

The purpose of this report is not intended to serve as a compliance assessment of the subject property or to identify health and safety issues or procedures. The ASTM E 1527-13 DOES NOT address whether requirements in addition to all appropriate inquiry have been met in order to qualify for the LLPs (for example, the duties specified in 42 U.S.C. §9601(b)(3)(a) and (b) and cited in Appendix X1 of the ASTM Standard, including the continuing obligation not to impede the integrity and effectiveness of activity and use limitations (AULs), or the duty to take reasonable steps to prevent releases, or the duty to comply with legally required release reporting obligations).

The ASTM E 1527-13 practice DOES NOT address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provision of the LLPs. Per the ASTM Standard, Users are cautioned that federal, state, and local laws may impose environmental assessment obligations that are beyond the scope of this practice. Users should also be aware that there are likely to be other legal obligations with regard to hazardous substances or petroleum products discovered on the property that are not addressed in the ASTM practice and that may pose risks of civil and/or criminal sanctions for non-compliance.

1.2 Scope of Work

This Phase I Environmental Assessment was conducted in accordance with the following Scope of Work:

1. Requested user to complete questionnaire and provide all user required information.
2. Researched and reviewed available information regarding past owners and occupants of the subject property to assess the potential for releases resulting from prior on-property activities. Aerial photographs, city directories, topographic maps, interviews and fire insurance maps were utilized, as available. Chain-of-title and environmental liens were reviewed if provided by the client/user.
3. Researched available information regarding immediately adjacent properties for evidence of releases that could impact the subject property.
4. Interviewed available persons familiar with current and former on-property activities for relevant information regarding potential environmental concerns as coordinated by the Client/User.

5. Reviewed federal and state regulatory agency database information for the subject property and neighboring properties to identify potential concerns that could adversely affect the environmental condition of the subject property. The database review included, but was not limited to, a review of the following lists: United States Environmental Protection Agency (USEPA) National Priorities List (NPL) Sites, Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Sites, State Hazardous Waste Sites, Resource Conservation and Recovery Act Information System (RCRIS) Corrective Action, Generator, and Treatment/Storage/Disposal (TSD) Sites, Leaking Registered Storage Tank (LRST) Sites, Registered Storage Tank (RST) Sites, landfills, and Emergency Response Notification System (ERNS) Sites. Contacted federal, state, and local regulatory agencies.
6. Performed a property visit to identify areas of potential environmental concern such as the bulk storage of regulated substances, underground/aboveground storage tanks, asbestos-containing materials, electrical transformers, and process-related wastes. To the extent possible, a review of immediately adjacent properties was also performed from the subject property and public thoroughfares. The property visit was performed using grid patterns across the property (as easily accessible) and through other systematic means. Findings and conditions were made only to the extent that they were visually and/or physically observed during the property visit.
7. Prepared a technical Phase I Environmental Assessment report to document the findings regarding the current environmental condition of the subject property. If warranted, the report contains recommendations for further action. In addition to ASTM scope items, the following ASTM non-scope items were discussed and included in the report based upon a limited review: asbestos containing materials, radon, lead-based paint, lead in drinking water, potential wetlands, air emissions, and mold/water intrusion.

1.3 Significant Assumptions

The following assumptions are made by Property Solutions in this report. Property Solutions relied on information derived from secondary sources including governmental agencies, the client (User), designated representatives of the client (User), property contact, property owner, property owner representatives, computer databases, and personal interviews. Except as set forth in this report, Property Solutions has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources including government agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, or personal interviews and has assumed that such information is accurate and complete. Property Solutions assumes information provided by or obtained from governmental agencies including information obtained from government websites is accurate and complete. Groundwater flow and depth to groundwater, unless otherwise specified by on-property well data, are assumed based on contours depicted on the United States Geological Survey topographic maps. Property Solutions assumes the property has been correctly and accurately identified by the client (User), designated representative of the client (User), property contact, property owner, and property owner's representatives. Property

Solutions assumes that the Client (User), Client representatives, Client Legal Counsel, designated representatives of the Client, Key Site Manager, property contact, property owner, property owner representatives, and property brokers, used good faith in answering questions and in obtaining information for the subject property as defined in 10.8 of the ASTM E 1527-13 practice. This would also include obtaining those helpful documents from previous owners, operators, tenants, brokers, financial institutions etc. Property Solutions also assumes the Client will designate appropriate and knowledgeable people for performance of the Phase I Environmental Assessment including Key Site Managers.

1.4 Limitations and Exceptions of the Assessment

The findings, observations, conclusions, and recommendations of this report are limited by the contract technical requirements and the methods used to perform the services outlined in the scope of work. These services have been performed in accordance with the described scope for Phase I Environmental Assessments. In order to perform a comprehensive environmental evaluation, subsurface investigation and testing would be required to definitively evaluate whether contamination has affected the subject property. Therefore, the findings, conclusions, and recommendations presented herein are based solely on the scope of work previously described and information gathered. Incomplete or outstanding information identified throughout the body of this report including data gaps is considered a limitation to the assessment. Limitations to the assessment also include weather conditions, vegetation cover, parked cars, trucks, dumpsters, and anything limiting visual observation of or physical access to the subject property and neighboring properties. This report and scope is not an environmental compliance audit.

No environmental assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Performance of the ASTM practice is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a property, and the ASTM practice recognizes reasonable limits of time and cost.

Appropriate inquiry does not mean an exhaustive assessment of a clean property. There is a point at which the cost of information obtained or the time required to gather it outweighs the usefulness of the information and, in fact, may be a material detriment to the orderly completion of transactions. One of the purposes of this practice is to identify a balance between the competing goals of limiting the costs and time demands inherent in performing an environmental assessment and reducing uncertainty about unknown conditions resulting from additional information.

Subject to Section 4.8 of the ASTM E 1527-13 Standard, an environmental site assessment meeting or exceeding the practice and completed less than 180 days prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction is presumed to be valid. If within this period the assessment will be used by a user different than the user (client) for whom the assessment was originally prepared, the subsequent user (if authorized to rely on the report as identified in Section 1.6 Reliance of this

report) must also satisfy the User's Responsibilities in Section 6 of the ASTM E 1527-13 standard. If this assessment is over 180 days old it is not valid and a new assessment should be performed per the ASTM standard.

All findings, conclusions, and recommendations stated in this report are based upon facts, circumstances, and industry-accepted procedures for such services as they existed at the time this report was prepared (i.e., federal, state, and local laws, rules, regulations, market conditions, economic conditions, political climate, and other applicable matters). All findings, conclusions, and recommendations stated in this report are based on the data and information provided, and observations and conditions that existed on the date and time of the property visit. Responses received from interviewees, the user, local, state, or federal agencies or other secondary sources of information after the issuance of this report may change certain facts, findings, conclusions, or circumstances to the report. A change in any fact, circumstance, or industry-accepted procedure upon which this report was based may adversely affect the findings, conclusions, and recommendations expressed in this report.

No other person or entity, unless specifically identified in Section 1.6 of this report may rely on this report. Subsequent consultants and subsequent Users may not rely on this report or information included in this report. Property Solutions Inc. will not be held liable in any way for any and all unauthorized use of this report both currently and in the future. Consultants and subsequent Users must specifically and separately verify all information and not rely on the facts, findings, conclusions, opinions and recommendations of this report. Future use of this report by consultants or subsequent Users is strictly prohibited and not authorized to evaluate the appropriateness of using this information in environmental site assessments performed in the future by anyone other than Property Solutions Inc. Subsequent consultants and subsequent Users may not include this report or information included in this report (unless publicly available) without the written authorization of Property Solutions Inc.

1.5 Special Terms and Conditions

This Phase I Environmental Assessment was prepared in accordance with the stated and agreed upon Scope of Work. This report was specifically and only prepared for the identified specific client (user) and for their specific purpose; no other person or entity for any other purpose may use, or rely on this report or its contents unless specifically authorized in writing by Property Solutions Inc. No other special terms and conditions are applicable to this Phase I Environmental Assessment.

1.6 Reliance

This report has been prepared for the sole benefit of The Towbes Group, Inc., and may not be relied upon by any other person or entity without the written authorization of Property Solutions.

1.7 Data Gaps

No significant data gaps were identified during this Phase I Environmental Assessment:

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2.0 GENERAL PROPERTY INFORMATION

2.1 Property Location

Property Location	
Property Name	Heritage Ridge Development
Property Address	Northeast of South Los Carneros and Calle Koral
Property Town, County, State, Zip	Goleta, Santa Barbara County, CA 93117
Property Tax Identification	APNs 073-060-031 to -043 (Santa Barbara County Clerk-Recorder, Assessor and Elections Department)
Property Topographic Quadrangle	<u>Goleta, CA</u>
Nearest Intersection	South Los Carneros and Calle Koral
Area Description	Suburban residential and commercial

An excerpt from the USGS 7.5-minute series topographic quadrangle map of Goleta, CA, locating the subject property, is included in Appendix A.

2.2 Property Description

Property Information	
Property Ownership Name	Michael Towbes, LLC (User Questionnaire)
Date of Acquisition	April 27, 1999 (Santa Barbara County Clerk-Recorder, Assessor and Elections Department) January 14, 2002 (User Questionnaire)
Property Acreage	16.2 acres (Various sources)
Property Shape	Irregular
Property Use	Undeveloped; temporary construction yard
Number of Buildings	None
Number of Stories	Not applicable
Construction Date	Not applicable
Building Square Footage	Not applicable
Basement/Slab-on-grade	Not applicable
Number of Units	Not applicable
Ceiling Finishes	Not applicable
Floor Finishes	Not applicable
Wall Finishes	Not applicable
HVAC	Not applicable
Renovation Date	Not applicable
Renovation Description	Not applicable
Vehicular Access	From the southeast along Camino Vista

Property Information	
Other Improvements	Temporary construction trailers
Property Coverage	Exposed soil and sparse vegetation

A property diagram of the subject property is included in Appendix B.

2.3 Property Operations

The subject property is undeveloped land. At the time of the property visit, the northwestern portion of the property was utilized as a temporary construction yard/construction access point for an overpass improvement project along South Los Carneros Road. The central portion of the subject property was occupied by several temporary trailers and stored equipment associated with the recent construction of the Willow Springs apartment complex to the south-southeast. Equipment included a portable diesel-fired generator.

No industrial or manufacturing operations were observed at the subject property at the time of the property visit.

No environmental concerns were identified at the subject property based on the operations observed during the property visit.

2.4 Utilities

The subject property is undeveloped and not connected to any utilities:

Utility	Provider
Electricity	Edison
Natural Gas	SoCal Gas
Sanitary Sewerage	Goleta West Sanitary District
Potable Water	Goleta Water District
Solid Waste Removal	Not applicable
Fuel Oil	Not applicable
Steam	Not applicable

3.0 USER PROVIDED INFORMATION AND RESPONSIBILITIES

This section is to describe tasks to be performed by the User. The “All Appropriate Inquiries” (AAI) Final Rule (40 CFR Part 312) requires that these tasks be performed by or on behalf of a party seeking to qualify for an LLP to CERCLA liability. These tasks must also be completed by or on behalf of EPA Brownfield Assessment and Characterization grantees. While such information is not required to be provided to the environmental professional, the environmental professional shall request that the user provide the results of these tasks as such information can

assist the environmental professional in identifying recognized environmental conditions.

Per the ASTM standard, the environmental professional shall note in the report whether or not the User has reported to the environmental professional information pursuant to Section 6 of the ASTM standard.

User's Responsibilities	User Provided	Other Provided	Not provided
Optional User Questionnaire	X		
Title and Judicial Records for Environmental Liens/Activity Use Limitations			X
Specialized Knowledge or Experience of the User	X		
Actual Knowledge of the User	X		
Reason for Significantly Lower Purchase Price (value reduction)			X
Commonly Known or Reasonably Ascertainable Information			X
Degree of Obviousness			X
Reason for Performing the Phase I other than to qualify for LLP to CERCLA Liability	X		
Helpful Documents/Prior Reports	X		
Proceedings Involving the Subject Property			X
User Identified Personnel	X		

No significant data gaps were identified based upon the information known by the User for this transaction.

User Questionnaire

A User Questionnaire was submitted to Ms. Linda Blackburn (User) to be completed prior to the property visit.

Client	The Towbes Group, Inc.
Contact Name	Ms. Linda Blackburn/Mr. Derek Hanson
Contact Title	Senior Project Analyst and Vice President of Construction
Phone/Fax/Email	805.962.2121
Contact Date	July 30, 2014
Request Medium	Email
Questionnaire completed?	Yes
Completed by?	Mr. Derek Hansen
Response Date	August 12, 2012
Form of Response	Mail
Was the questionnaire completed and returned prior to the property visit?	No

Summary of information provided in questionnaire: The completed User Questionnaire provided the subject property owner information and indicated that a land-use restriction is in place. No additional information was provided in the completed questionnaire.

The completed User Questionnaire and correspondence are included in Appendix D - User Correspondence.

Title and Judicial Records for Environmental Liens/Activity Use Limitations

Per ASTM E 1527-13 Section 6.2, the User is required to provide and/or report to the environmental professional any title and judicial records for environmental liens/activity use limitations (AULs) so identified for the subject property. The environmental professional per the ASTM practice is not responsible to undertake a review of recorded land title records and judicial records for environmental liens or activity and use limitations.

Title records and information were not provided to Property Solutions by the User, and the User did not requested Property Solutions to coordinate with a title company or title professional to undertake a review of Recorded Land Title records and judicial records for environmental liens or AULs.

Knowledge of the User

Per the ASTM standard, the Users must take into account their specialized knowledge to identify conditions indicative of releases or threatened releases. If the user has any specialized knowledge or experience that is material to recognized environmental conditions in connection with the property, the user should communicate any information based on such specialized knowledge or experience to the environmental professional. The user should do so before the environmental professional conducts the property visit.

The property owner/key site manager had no specialized knowledge, actual knowledge, experience, or commonly known and reasonably ascertainable information within the local community concerning recognized environmental conditions at the subject property.

Valuation Reduction for Environmental Issues

Per the ASTM standard, in a transaction involving the purchase of a parcel of commercial real estate, the user shall consider the relationship of the purchase price of the property to the fair market value of the property if the property was not affected by hazardous substances or petroleum products. The User should try to identify an explanation for a significantly lower price which does not reasonably reflect fair market value if the property was not contaminated, and make a written record of such explanation. The ASTM standard does not require that a real estate appraisal be obtained in order to ascertain fair market value of the property.

The User did not inform Property Solutions that a significantly lower purchase price was noted for the subject property.

The Towbes Group, Inc. (User) indicated that the reason for performing the Phase I Environmental Assessment was for entitlement purposes.

Helpful Documents Provided Prior to Property Visit

Per the ASTM standard, prior to the property visit, the property owner, key site manager (if any is identified), and User (if different from the property owner) shall be asked if they know whether any of the documents below exist and if so, whether copies can and will be provided within reasonable time and cost constraints including partial information. This information is to be provided prior to or at the beginning of the property visit.

Documents	User		Key Site Manager		Property Owner	
	Exist	Provided	Exist	Provided	Exist	Provided
ESA reports	Yes	Yes	Yes	Yes	Yes	Yes
Environmental compliance audit reports	No	N/A	No	N/A	No	N/A
Environmental permits	No	N/A	No	N/A	No	N/A
UST/AST registrations	No	N/A	No	N/A	No	N/A
Underground Injection permits	No	N/A	No	N/A	No	N/A
MSDSs	No	N/A	No	N/A	No	N/A
Community Right-to-Know plan	No	N/A	No	N/A	No	N/A
Safety plans	No	N/A	No	N/A	No	N/A
SPCC plans	No	N/A	No	N/A	No	N/A
Emergency preparedness and prevention plans	No	N/A	No	N/A	No	N/A
Hydrogeologic reports	No	N/A	No	N/A	No	N/A
Government agency correspondence and violations	No	N/A	No	N/A	No	N/A
Hazardous waste generator notices or reports	No	N/A	No	N/A	No	N/A
Geotechnical studies	Yes	Yes	Yes	Yes	Yes	Yes
Risk assessments	No	N/A	No	N/A	No	N/A
Recorded AULs	No	N/A	No	N/A	No	N/A
Environmental liens	No	N/A	No	N/A	No	N/A
Other	No	N/A	No	N/A	No	N/A

Proceedings Involving the Property

Per the ASTM standard, prior to the property visit, the property owner, key site manager (if any is identified), and user (if different from the property owner) shall be asked whether they know of: (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

The user/key site manager/property owner indicated based on a response dated August 11, 2014, via User Questionnaire that they have no knowledge of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2)

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any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

User Identified Personnel

The information and contacts below were identified and/or provided by the User/Client.

Contact	Name	Company
User	Ms. Linda Blackburn	The Towbes Group, Inc.
Key Site Manager	Mr. David Hansen	The Towbes Group, Inc.
Current Property Owner	Mr. Michael Towbes	The Towbes Group, Inc.
Current Property Owner Representative	Ms. Linda Blackburn	The Towbes Group, Inc.
Occupants	Not applicable	Not applicable
Major Occupants	Not applicable	Not applicable
Current Operator Name	Mr. David Hansen	The Towbes Group, Inc.
Past Property Owner	Not applicable	Not applicable
Past Property Owner Representative	Not applicable	Not applicable
Other Past Property Owner	Not applicable	Not applicable
Past Operator Name	Not applicable	Not applicable
Past Occupant	Not applicable	Not applicable
Past Major Occupant	Not applicable	Not applicable
Broker	Not applicable	Not applicable
Property Manager	Mr. David Hansen	The Towbes Group, Inc.
Building Engineer	Not applicable	Not applicable
Other	Not applicable	Not applicable

4.0 PHYSICAL SETTINGS

4.1 Topography/Regional Drainage

Topographic Quadrangle Name	<u>Goleta, CA</u>
Property Elevation	Between 15 feet and 50 feet above mean sea level
Surface Gradient	Southerly and northeasterly decline
Property Drainage	Percolation and inlet located at the northeast corner of the property
Regional Drainage	South to Pacific Ocean
Closest Perennial Water body	Pacific Ocean, approximately 1.5 miles to the south-southeast

A copy of the USGS 7.5-minute series topographic quadrangle map of Goleta, CA, is included in Appendix A.

4.2 Soils

USDA County Soil Survey	
Information Source	USDA Soil Conservation Service
Date of Information Source	Not reported
Soil Name	Milpitas
Description: Sandy loam, moderately well drained	
Expected depth to bedrock	Unknown

4.3 Underlying Formation

Information Source	California Division of Mines and Geology
Title of Publication	<u>Geologic Map of California – Los Angeles Sheet</u>
Date of Publication	1969
Name of Unit	Quaternary-aged, non-marine terrace deposits
Description of Unit: Shallow sedimentary strata	

4.4 Groundwater

Information Source	State Water Resources Control Board (SWRCB) Geotracker online database
Title of Publication	Case Closure Summary, Former Chevron, 6470 Hollister Avenue
Date of Publication	October 23, 2013
Underlying Aquifer	Goleta Groundwater Basin
Description: West sub-basin	

Expected Depth to Shallow Groundwater	22.5 feet below ground surface
Information Source	<u>Geotechnical Engineering Report, Heritage Ridge Apartments</u> (July 8, 2014)
Expected Direction of Shallow Groundwater Flow	Southeast to southwest
Information Source	USGS 7.5-minute series topographic quadrangle map of <u>Goleta, CA</u>

5.0 NEIGHBORING PROPERTIES

Review of neighboring properties from the subject property and from public thoroughfares, and research of available information regarding the neighboring properties, were performed to identify evidence of environmental concerns that could adversely impact the subject property. The subject property is located in a residential and commercial area of Goleta, California.

Direction	Property	Address	Operations
North	Railroad tracks	Not applicable	Transportation
	U.S. Highway 101	Not applicable	Transportation
South	Willow Springs Apartments	Camino Vista	Residential
	Undeveloped land	Camino Vista and Calle Koral	None
East	Unmarked commercial building, Unit J	6409 Camino Vista	Not identified
	Unmarked commercial building	41 Aero Camino	Not identified
	Channel City Lumber	35 Aero Camino	Building supplies
West	Undeveloped land	Not identified	None
	Campus Point	15 South Los Carneros Road	Commercial

Based on a review of neighboring properties from the subject property and from public thoroughfares, the neighboring properties do not appear to be of the type likely to pose a significant threat to the environmental condition of the subject property. The neighboring properties were not listed in the environmental database reviewed or Envirofacts.

A property diagram including neighboring properties is included in Appendix B. Photographs including the neighboring properties are included in Appendix C.

6.0 HISTORICAL PROPERTY INFORMATION

The following is a summary of the historical use of the subject property based on a review of the standard historical source information that is further described below:

Decade	Property Use	Standard Source/Source
1900	Unknown	Data Gap
1910	Unknown	Data Gap
1920	Unknown	Data Gap
1930	Orchards and/or citrus groves	Aerial Photographs/EDR
1940	Orchards and/or citrus groves	Aerial Photographs/EDR
1950	Orchards and/or citrus groves	Aerial Photographs/EDR
1960	Orchards and/or citrus groves	Aerial Photographs/EDR
1970	Orchards and/or citrus groves	Aerial Photographs/EDR
1980	Undeveloped land	Aerial Photographs/EDR
1990	Undeveloped land	Aerial Photographs/EDR
2000	Undeveloped land	Aerial Photographs/EDR
2005	Undeveloped land	Aerial Photographs/EDR

6.1 City Directories

Property Solutions contacted Santa Barbara Public Library requesting information on historical city directories for Goleta, California. According to the library staff, no city directories are available for the subject property in the Santa Barbara Public Library collection.

6.2 Aerial Photographs

Years	1928 and 1938
Information Source	EDR
Description of Subject Property: Orchards or citrus groves in the north-central and eastern portions, former or young orchards or citrus groves in the central portion, and undeveloped land in the southern portion.	
Description of Northerly Adjoining Property: Railroad tracks and Highway 101, followed by orchards or citrus groves.	
Description of Southerly Adjoining Property: Row crop farmland, orchards or citrus groves, and former or young orchards or citrus groves.	
Description of Easterly Adjoining Property: Row crop farmland.	
Description of Westerly Adjoining Property: Row crop farmland.	

Year	1947
Information Source	EDR
Description of Subject Property: Orchards or citrus groves in the western and southern portions, and possible row crop farmland in the eastern portion.	
Description of Northerly Adjoining Property: Railroad tracks and Highway 101, followed by possible row crop farmland.	
Description of Southerly Adjoining Property: Orchards or citrus groves.	
Description of Easterly Adjoining Property: Row crop farmland and orchards or citrus groves.	
Description of Westerly Adjoining Property: Row crop farmland.	

Year	1959
Information Source	EDR
Description of Subject Property: Orchards or citrus groves in the northern and eastern portions, and possible row crop farmland in the southern portion.	
Description of Northerly Adjoining Property: Railroad tracks and Highway 101, followed by orchards or citrus groves.	
Description of Southerly Adjoining Property: Orchards or citrus groves and undeveloped land.	
Description of Easterly Adjoining Property: Orchards or citrus groves and a new street.	
Description of Westerly Adjoining Property: Undeveloped land.	

Year	1967
Information Source	EDR
Description of Subject Property: Orchards or citrus groves in the northern and eastern portions, undeveloped land, and the right-of-way for South Los Caneros Road in the western portion.	
Description of Northerly Adjoining Property: Railroad tracks and Highway 101, followed by orchards or citrus groves.	
Description of Southerly Adjoining Property: Orchards or citrus groves and undeveloped land.	
Description of Easterly Adjoining Property: A new street.	
Description of Westerly Adjoining Property: Disturbed but undeveloped land.	

Year	1973
Information Source	EDR
Description of Subject Property: Orchards or citrus groves in the northern and eastern portions, undeveloped land, and the right-of-way for South Los Caneros Road in the western portion.	
Description of Northerly Adjoining Property: Railroad tracks and Highway 101, followed by orchards or citrus groves.	
Description of Southerly Adjoining Property: Orchards or citrus groves and undeveloped land.	
Description of Easterly Adjoining Property: A new street with commercial buildings.	
Description of Westerly Adjoining Property: Disturbed but undeveloped land.	

Year	1989
Information Source	EDR
Description of Subject Property: Undeveloped land.	
Description of Northerly Adjoining Property: Developed similarly to the present day.	
Description of Southerly Adjoining Property: Undeveloped land.	
Description of Easterly Adjoining Property: Developed similarly to the present day.	
Description of Westerly Adjoining Property: Developed with the former alignment of South Los Caneros Road followed by grading/construction to the west.	

Year	1994
Information Source	EDR
Description of Subject Property: Undeveloped land.	
Description of Northerly Adjoining Property: Developed similarly to the present day.	
Description of Southerly Adjoining Property: Undeveloped land.	
Description of Easterly Adjoining Property: Developed similarly to the present day.	
Description of Westerly Adjoining Property: Developed similarly to the present day.	

Year	2005
Information Source	EDR
Description of Subject Property: Undeveloped with the presence of possible fill soil placed throughout the northeastern portion.	
Description of Northerly Adjoining Property: Developed similarly to the present day.	
Description of Southerly Adjoining Property: Developed with a portion of the current Willow Springs apartment complex.	
Description of Easterly Adjoining Property: Developed similarly to the present day.	
Description of Westerly Adjoining Property: Developed similarly to the present day.	

Years	2009, 2010, and 2012
Information Source	EDR
Description of Subject Property: Undeveloped with the presence of possible fill soil placed throughout the northeastern portion of the site, and the current access road throughout the center of the property	
Description of Northerly Adjoining Property: Developed similarly to the present day.	
Description of Southerly Adjoining Property: Developed with a portion of the current Willow Springs apartment complex.	
Description of Easterly Adjoining Property: Developed similarly to the present day.	
Description of Westerly Adjoining Property: Developed similarly to the present day.	

Review of the aerial photographs revealed that the subject property was orchards or citrus groves until at least 1973. The property has been undeveloped and generally unused land since that time. It appears the northeastern portion of the property was overlain with fill soil between 1994 and 2005.

No evidence of environmental concern on or adjacent to the subject property was revealed during a review of the aerial photographs, other than the historic orchards or citrus groves, and the fill.

On the basis of the aerial photographs and previous reports, Property Solutions concludes that various areas of the subject property have experienced the delivery and removal of contaminated soils over a period of years, and that hydrocarbon-impacted soils remain. Property Solutions understands from conversation with The Towbes Group, Inc. that the subject property is proposed for residential development, and that the City of Santa Barbara and the Regional Water Quality Control Board are expected to issue directives regarding the management of environmental issues, including soils. Property Solutions also understands that management of soil piles is ongoing at this time, and that the preparation of a Soil Management Plan is anticipated for the development project.

The subject property consists of orchards or citrus groves on aerial photographs of 1928 through 1973. The use of lead arsenate and petroleum-based pesticides on fruit trees in California dates to the 1930s. The original ground surface from that time has apparently been covered by fill, which mitigates the potential for direct contact under present conditions. In addition, Property Solutions notes that the Soil and Groundwater Investigation Report dated June 2012 (see Section

6.6) included sampling of shallow soil for pesticide and arsenic analysis. Although these soil samples were collected on the southerly contiguous non-subject Willow Springs II property, review of the historical aerial photographs reveals that the orchards or citrus groves present on this property also extended onto the subject property. Therefore, Property Solutions does not expect that pesticide and arsenic residues in soil on the subject property (should such residues be present) likely differ significantly from those that were reportedly detected on the Willow Springs II property at concentrations below residential and background standards.

Property Solutions recommends that the property owner coordinate environmental activities with the City of Santa Barbara and the Regional Water Quality Control Board so that development can be completed in accordance with regulatory requirements.

6.3 Fire Insurance Maps

Fire insurance maps that include the subject property were requested from Environmental Data Resources, Inc. (EDR) of Shelton, Connecticut. EDR has informed Property Solutions that no historical map coverage is available for the subject property in the EDR historical map collection.

A copy of EDR’s statement of no coverage is included in Appendix F.

6.4 Topographic Quadrangle Map

Topographic Quadrangle Map Name	<u>Goleta, CA</u>
Year published	1988
Aerial photograph year map based on	1947
Year photorevised	1995
Aerial photograph year photorevision based on	1994
Color of photorevisions	Gray
Description of Subject Property: Undeveloped land.	
Description of Northerly Adjoining Property: Railroad tracks followed by Highway 101.	
Description of Southerly Adjoining Property: Undeveloped land.	
Description of Easterly Adjoining Property: Developed similarly to the present day.	
Description of Westerly Adjoining Property: Developed similarly to the present day.	

No environmental concerns were identified based upon a review of the Goleta, CA, topographic quadrangle map.

A portion of the USGS 7.5-minute series topographic quadrangle map of Goleta, CA, which includes the subject property, is included in Appendix A.

6.5 Prior Use Interviews

Property Contact Name	Ms. Linda Blackburn
Property Contact Title	Senior Project Analyst
Property Contact Company	The Towbes Group, Inc.
Association with Property	Not provided
Years Associated with Subject Property	Not provided

Property Solutions provided the above person a User Questionnaire to complete as the form of an interview. The questionnaire was returned to Property Solutions; however, it was only partially completed. In lieu of a full completed document, the Towbes Group provided copies of previous geotechnical and environmental documents pertaining to the subject property, as discussed below.

6.6 Previous Reports and Plans

Complete Report Name	<u>Final Report, Phase I Environmental Site Assessment</u>
Report Date	April 2, 1999
Report Project Number	35284-002-139
Report Property Name	Vacant residential properties at 6400 block of Hollister Avenue – northern tracts
Report Property Address	Goleta, CA
Prepared by	Dames & Moore
Consultant City & State Location	Not provided
Prepared for	The Towbes Group
Party City & State Location	Not provided
Report Provided by	The Towbes Group
The entire report including appendices was provided.	
The boundaries discussed in this report include those of the subject property identified by Property Solutions.	
Report and Subject Property Variations: This report addresses the subject property and the residential apartment complex to the south (Willow Springs Phase I)	
Information/Portions of Report not Included with Report: None	

Scope of Services Performed Per Report: Environmental Site Assessment for the purposes of identifying Recognized Environmental Conditions (RECs) per ASTM E 1527-93 at the subject property (includes the residential development adjacent to and to the south)

Findings/Conclusions as Reported by Report Preparer: The assessment did not reveal the presence of RECs at the site

Recommendations as Reported by Report Preparer: No further action.

Report Historical Information and Findings: The consultant indicates that the subject property has historically been undeveloped agricultural land.

Property Solutions Review: Dames & Moore noted the presence of large piles of fill soil on Property Solutions' subject property. The source of the fill was not identified. No discolored soil was noted. Dames & Moore did not identify the fill as a recognized environmental condition, and made no recommendations for further action.

Property Solutions Findings and Conclusions: The presence of large volumes of undocumented fill soil should have been identified as a possible REC.

Complete Report Name	<u>Report of Soil Removal</u>
Report Date	August 12, 2004
Report Project Number	35284-002-139
Report Property Name	Willow Springs Residential Project
Report Property Address	Aero Camino at UPRR Tracks
Prepared by	Earth Systems Pacific
Consultant City & State Location	San Luis Obispo, CA
Prepared for	The Towbes Group
Party City & State Location	Santa Barbara, CA
Report Provided by	The Towbes Group
The entire report including appendices was provided.	
The boundaries discussed in this report include those of the subject property identified by Property Solutions.	
Report and Subject Property Variations: This report addresses the subject property and the residential apartment complex to the south	
Information/Portions of Report not Included with Report: None	

Scope of Services Performed Per Report: This report summarizes the excavation and exporting operations for undocumented fill soil that was delivered to the subject property and stockpiled at the northwest corner in June of 2004

Findings/Conclusions as Reported by Report Preparer: Earth Systems Pacific documented the removal of approximately 130 cubic yards of hydrocarbon-contaminated soil (diesel fuel or fuel oil) that had mistakenly been deposited on Property Solutions' subject property. The removal action included the collection and analysis of post-excavation soil samples in order to evaluate the adequacy of the remedial action. Earth System Pacific concluded that the remedial action was adequate.

Recommendations as Reported by Report Preparer: None presented.

Property Solutions Findings and Conclusions: A total of 400 cubic yards of soil was transported for off-property disposal.

Complete Report Name	<u>Soils Materials Report, Willow Springs Apartments</u>
Report Date	July 20, 2010
Report Project Number	SL-15702-SB
Report Property Name	Willow Springs Apartments
Report Property Address	North of Los Carneros Way and Camino Vista
Prepared by	Earth Systems Pacific
Consultant City & State Location	Santa Maria, CA
Prepared for	The Towbes Group
Party City & State Location	Santa Barbara, CA

Complete Report Name	<u>Soils Materials Report, Willow Springs Apartments</u>
Report Provided by	The Towbes Group
The entire report including appendices was provided.	
The boundaries discussed in this report include those of the subject property identified by Property Solutions.	
Report and Subject Property Variations: None	
Information/Portions of Report not Included with Report: None	

Scope of Services Performed Per Report: The drilling and sampling of five soil borings in the large stockpile which occupies the approximate southern 1/3 of the subject property. The purpose of the borings was to determine the thickness of the fill stockpile and characterize the soil for geotechnical suitability for use onsite.

Findings/Conclusions as Reported by Report Preparer: Earth Systems Pacific noted a “slight hydrocarbon odor” in the logs for all five soil borings advanced on the southwestern arm of Property Solutions’ subject property for geotechnical engineering purposes. Earth Systems Pacific’s A-A’ cross section, which extends for more than 600 feet from northeast to southwest across the investigated area, identifies a “slight hydrocarbon odor” from an upper depth of 10 to 15 feet below ground extending to a lower depth of 16 to 25 feet below ground surface. Earth Systems Pacific’s B-B’ cross section, which extends for more than 800 feet from north to south across the investigated area, also identifies a “slight hydrocarbon odor” from an upper depth of 10 to 15 feet below ground extending to a lower depth of 16 to 25 feet below ground surface.

Recommendations as Reported by Report Preparer: The soil stockpile was deemed suitable for usage from a geotechnical standpoint.

Property Solutions Findings and Conclusions: The presence of hydrocarbon odors in the fill zone of each boring indicates potential contamination.

Complete Report Name	<u>Soil and Groundwater Investigation Report</u>
Report Date	June 2012
Report Project Number	SB0224
Report Property Name	Willow Springs II
Report Property Address	Not cited
Prepared by	Geosyntec Consultants
Consultant City & State Location	Santa Barbara, California
Prepared for	The Towbes Group, Inc.
Party City & State Location	Santa Barbara, California
Report Provided by	The Towbes Group, Inc.
The entire report including appendices was provided.	
The boundaries discussed in this report are different than those of the subject property identified by Property Solutions.	
Report and Subject Property Variations: This report pertains to the southerly contiguous property.	
Information/Portions of Report not Included with Report: None	

Scope of Services Performed Per Report: Sampling of soils for analysis of pesticides, arsenic, BTEX, and TPH, and sampling of groundwater for analysis of VOCs.

Findings/Conclusions as Reported by Report Preparer: Concentrations of detected pesticides were below California Human Health Screening Levels for residential land use. Concentrations of arsenic were below the Department of Toxic Substances Control’s background standard for Southern California. The direction of groundwater flow was to the south-southwest (away from Property Solutions’ subject property).

Recommendations as Reported by Report Preparer: No further mitigation was recommended.

Report Historical Information and Findings: The property was historically an orchards, hence the potential concern regarding pesticides and arsenic.

Property Solutions Review: Although these soil samples were collected on the southerly contiguous non-subject Willow Springs II property, review of the historical aerial photographs reveals that the orchards or citrus groves present on this property also extended onto the subject property.

Property Solutions Findings and Conclusions: Property Solutions does not expect that pesticide and arsenic residues in soil on the subject property (should such residues be present) likely differ significantly from those that were reportedly detected on the Willow Springs II property at concentrations below residential and background standards.

Complete Report Name	<u>Geotechnical Engineering Report, Heritage Ridge Apartments</u>
Report Date	July 8, 2014
Report Project Number	SL-15702-SF
Report Property Name	Heritage Ridge Apartment (formerly Willow Springs Apartments)
Report Property Address	North of Calle Koral and Camino Vista
Prepared by	Earth Systems Pacific
Consultant City & State Location	Santa Maria, CA
Prepared for	The Towbes Group
Party City & State Location	Santa Barbara, CA
Report Provided by	The Towbes Group
The entire report including appendices was provided.	
The boundaries discussed in this report include those of the subject property identified by Property Solutions.	
Report and Subject Property Variations: None	
Information/Portions of Report not Included with Report: None	

Scope of Services Performed Per Report: The drilling and sampling of 11 soil borings throughout the entire subject property for geotechnical analysis and recommendations

Findings/Conclusions as Reported by Report Preparer: The soil profile consists of existing fill throughout the entire site: up to 10-feet thick in the stockpile area to the south, 5 to 7-feet thick near the middle and northwest area, and up to 15-feet thick throughout the northeast area.

Recommendations as Reported by Report Preparer: See report.

Property Solutions Findings and Conclusions: The thickness of fill, especially throughout the northeast 1/3, is considered a concern. According to Towbes Group, this material was imported from the recent construction of the Willow Springs apartment complex to the south of the subject property. The original origin of the material, however, is in question. Earth Systems Pacific noted that groundwater on the subject property occurred at depths as shallow as 22.5 feet below ground surface.

Complete Report Name	Draft Results of Soil Analysis, Northwest Stockpile
Report Date	August 1, 2014
Report Project Number	Not provided
Report Property Name	Heritage Ridge Apartment Project
Report Property Address	NEC Los Carneros Road and Camino Vista
Prepared by	Earth Systems Pacific
Consultant City & State Location	San Luis Obispo, CA
Prepared for	The Towbes Group
Party City & State Location	Santa Barbara, CA
Report Provided by	The Towbes Group
The entire report including appendices was provided.	
The boundaries discussed in this report include those of the subject property identified by Property Solutions.	
Report and Subject Property Variations: The consultant refers to the subject stockpile as the "northwest" stockpile, whereas it is referred to as the southern stockpile throughout this report	
Information/Portions of Report not Included with Report: None	

Scope of Services Performed Per Report: The drilling and sampling of six soil borings throughout the southern stockpile for the purposes of characterization and soil analytical testing to determine the suitability for use onsite or exporting to other sites. Soil samples collected from the borings were analyzed for the presence of TPH, VOC, PAH, metals, etc.

Findings/Conclusions as Reported by Report Preparer: The consultant indicated in the report that the soil stockpile is approximately 300, 000 cubic yards in volume, approximately 10 to 20-feet thick, and consists of soil imported from various locations in the early 2000s. In the six borings advanced, gray to dark gray colored soil with an organic odor was encountered in the majority of the borings in the 5 to 15-foot deep range. Samples collected from the borings at various depths were analyzed in the field using a PID monitor, and no measurable results were observed. TPHg was found to be non-detectable in the samples analyzed. Minor TPHd and TPHmo were detected in one boring at 190 and 100 ppm, respectively, below the ESL. VOCs were non-detectable, and low concentrations of PAHs were found below the ESL. The only metal which was found to exceed the ESL was arsenic, which is common throughout California, and is deemed a background level. The samples also were found to be generally basic (pH between 7.5 and 8.5), low to moderate salinity, and with 0.1% to 0.8% free lime.

The consultant recommended that the odorous, dark gray to gray colored material be segregated and utilized in non-sensitive areas, such as under pavements. Furthermore, the stockpiled materials should not be placed in archeological areas onsite per the City's pH threshold requirement.

Recommendations as Reported by Report Preparer: See report.

Property Solutions Findings and Conclusions: It appears the large stockpile which occupies the approximate 1/3, south of the temporary trailers and access road that bisects the subject property northwest to southeast, has been adequately characterized and there are only minor restrictions regarding this soil for onsite usage. Earth Systems Pacific noted the presence of stained and odorous soils, which, in their estimation, that might render the soil undesirable for use at a property that is to be developed as a school, hospital, or residence. Earth Systems Pacific also reported that laboratory analysis did not identify concentrations of target compounds that would preclude the use of the soils for fill at properties proposed for other uses.

Property Solutions recommends that the property owner coordinate environmental activities with the City of Santa Barbara and the Regional Water Quality Control Board so that development can be completed in accordance with regulatory requirements.

Copies of the previous report are included in Appendix G.

Property Solutions did not review any plans pertaining to the subject property.

6.7 Chain of Title Information

A chain of title search for the subject property was not provided for review.

6.8 Activity and Use Limitations/Environmental Liens

Activity and Use Limitations (AULs) include both legal (institutional) and physical (engineering) controls. Agencies, organizations, and jurisdictions may define or utilize these terms differently.

The User did not request Property Solutions to coordinate with a title company or title professional to undertake a review of Recorded Land Title records and judicial records for environmental liens or AULs.

Therefore, no title records were searched and no information was provided for environmental liens and AULs which is the responsibility of the User. Per the ASTM standard this is considered a data gap.

6.9 Other Historical Sources

No environmentally relevant information from miscellaneous maps, newspaper archives, internet sites, community organizations, local libraries, historical societies, current owners or occupants of neighboring properties, or records in the files and/or personal knowledge of the property owner and/or occupants were provided regarding the subject property during this investigation.

6.10 Historical Use Data Failure

Per ASTM E 1527-13, “8.3.2 Uses of the Property—All obvious uses of the property shall be identified from the present, back to the property’s first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources in 8.3.4.1 through 8.3.4.8 as are necessary and both reasonably ascertainable and likely to be useful (as described under Data Failure in 8.3.2.3). . . . Such confirmation may come from one or more of the standard historical sources specified in 8.3.4.1 through 8.3.4.8, or it may come from other historical sources (such as someone with personal knowledge of the property; see 8.3.4.9). However, checking other historical sources (see 8.3.4.9) is not required. For purposes of 8.3.2, the term “developed use” includes agricultural uses and placement of fill dirt. The report shall describe all identified uses, justify the earliest date identified (for example, records

showed no development of the property prior to the specific date), and explain the reason for any gaps in the history of use (for example, data failure).”

Per ASTM E 1527-13, “8.3.2.3 Data Failure—the historical research is complete when either: (1) the objectives in 8.3.1 through 8.3.2.2 are achieved; or (2) data failure is encountered. Data Failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Data failure is not uncommon in trying to identify the use of the property at five year intervals back to first use or 1940 (whichever is earlier). Notwithstanding a data failure, standard historical sources may be excluded if: (1) the source is not reasonably ascertainable, or (2) if past experience indicates that the source is not likely to be sufficiently useful, accurate, or complete in terms of satisfying the objectives. Other historical sources specified in 8.3.4.9 may be used to satisfy the objectives, but are not required to comply with this practice. If data failure is encountered, the report shall document the failure and, if any of the standard historical sources were excluded, give the reasons for their exclusion. If the data failure represents a significant data gap, the report shall comment on the impact of the data gap on the ability of the environmental professional to identify recognized environmental conditions.

Historical Sources Searched

Historical Source	Source Checked?	Organization	Earliest Date Obtained	Additional Information	Data Failure
Aerial Photos	Yes	EDR	1928	No	No
Fire Insurance Maps	Yes	EDR	N/A	No	No
Property Tax File	Yes	Santa Barbara County Assessor	1999	No	No
Recorded Land Title Records	No	N/A	N/A	No	No
USGS 7.5 Minute Topo Maps	Yes	USGS	1947	No	No
Local Street Directories (city directories)	Yes	Truckee Library	1999	No	No
Building Department Records	Yes	City of Goleta	N/A	No	No
Zoning/Land Use Records	Yes	City of Goleta	N/A	No	No
Other Historical Sources	No	N/A	N/A	N/A	N/A
Miscellaneous Maps/Plans	No	N/A	N/A	N/A	N/A
Newspapers	No	N/A	N/A	N/A	N/A
Records	No	N/A	N/A	N/A	N/A
Other Directories/ Phone books	No	N/A	N/A	N/A	N/A

Based on the above information and sources searched above, per ASTM E 1527-13 historical use information is deemed sufficient to comply with ASTM E 1527-13 due to data failure. No significant historical use information data gaps were identified.

7.0 INTERVIEWS

The objective of interviews is to obtain information indicating Recognized Environmental Conditions in connection with the subject property as well as AULs. Property Solutions interviewed or made good faith efforts to interview the following:

Represents	Interviewed	Name and title	Comments
Current Property Owner	No	Mr. Michael Towbes	User did not coordinate or facilitate the interview.
Previous Property Owner	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Current Property Owner Representative	Yes	Ms. Linda Blackburn, Senior Project Analyst	Ms. Blackburn noted the presence of various imported fill zones throughout the subject property, and coordinated the delivery of previous environmental and geotechnical reports.
Previous Property Owner Representative	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Key Site Manager	Yes	Mr. Derek Hanson, Vice President of Construction	Mr. Hanson was aware of concerns regarding the quality of soils present on the subject property. He indicated that the fill soil on the north and northeast portions of the subject property was imported from the adjacent Willow Spring apartment property located to the south.
Previous Key Site Manager	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Current Property Occupants	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Previous Property Occupants	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Current Property Major Occupant	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Previous Property Major Occupant	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Current Property Operator	Yes	Mr. Derek Hanson, Vice President of Construction	Mr. Hanson was aware of concerns regarding the quality of soils present on the subject property. He indicated that the fill soil on the north and northeast portions of the subject property was imported from the adjacent Willow Spring apartment property located to the south.

Represents	Interviewed	Name and title	Comments
Previous Property Operator	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Neighboring Property Owner	No	Not applicable	Subject property is not considered an abandoned property where there is evidence of potential unauthorized uses of the abandoned property or evidence of uncontrolled access to the abandoned property, therefore no interview with the neighboring property occupants was performed.
Neighboring Property Occupants	No	Not applicable	Subject property is not considered an abandoned property where there is evidence of potential unauthorized uses of the abandoned property or evidence of uncontrolled access to the abandoned property, therefore no interview with the neighboring property occupants was performed.

8.0 ENVIRONMENTAL RECORD SEARCH

8.1 Property-Specific Records

During the course of the assessment of the subject property, Property Solutions contacted the following local, county, and state agencies and companies via phone, letter, or in person.

8.1.1 Department of Health

Agency name	Santa Barbara Environmental Health Service
Contact name	Ms. Rachel Moreno
Contact title	Not provided
City	Santa Barbara
State	CA
Contact date	July 28, 2014
Request medium	Faxed
Response date	July 30, 2014
Form of response	Faxed response

Response: No files on record.

Agency name	Santa Barbara County APCD
Contact name	Ms. Paula Iorio
Contact title	Permit Technician
City	Santa Barbara
State	CA
Contact date	July 28, 2014
Request medium	Faxed

Response date	August 11, 2014
Form of response	Fax

Response: No files on record.

8.1.2 Fire Department

Agency name	Fire Station 11
Contact name	Not provided
Contact title	Not provided
City	Goleta
State	CA
Contact date	July 28, 2014
Request medium	Faxed request
Response date	Pending
Form of response	Pending

Response: A response has not been received at the time of this report.

8.1.3 Planning/Zoning Department

Agency name	Goleta Permits
Contact name	Not provided
Contact title	Not provided
City	Goleta
State	CA
Contact date	July 28, 2014
Request medium	Faxed request
Response date	Pending
Form of response	Pending

Response: A response has not been received at the time of this report.

8.1.4 Building Department/Inspection Department

Agency name	Goleta Permits
Contact name	Not provided
Contact title	Not provided
City	Goleta
State	CA
Contact date	July 28, 2014
Request medium	Faxed request
Response date	Pending
Form of response	Pending

Response: A response has not been received at the time of this report.

8.1.5 Tax Assessor/Tax Department

Agency name	Santa Barbara County Assessor
Contact name	Mr. Joseph E. Holland
Contact title	Assessor
City	Santa Barbara
State	CA
Contact date	July 28, 2014
Request medium	Oline
Response date	Not applicable
Form of response	Not applicable

Response: Property Solutions visited the Assessor webpage, <http://www.sbcvote.com/Assessor/AssessorHours.aspx>, on July 28 2014. The Tax Source webpage provided Property Solutions with a copy of a tax map for the subject property and the surrounding area and copies of the tax information cards for the subject property.

Based on Property Solutions review of the tax map and tax information cards: the subject property is identified as APN 073-060-031 to 043; the subject property consists of an irregular-shaped, 16.2-acre, undeveloped site. The subject property was acquired by the subject property owner in 1999.

A copy of the tax map is included in Appendix A.

8.1.6 Electric Utility

The subject property is undeveloped and not connected to a power system.

8.1.7 Sewer Department/Provider

The subject property is undeveloped and not connected to the municipal sanitary sewerage system.

8.1.8 Water Department/Supplier

Agency name	Goleta Water District
Contact name	Mr. Jim Heaton
Contact title	Senior Water Resources Analyst
City	Goleta
State	CA
Contact date	July 28, 2014
Request medium	Email
Response date	July 31, 2014
Form of response	Letter

Response: A Preliminary Water Services Determination letter has been submitted for water service to the future residential development planned at the subject property.

8.1.9 Others

Agency name	California Department of Resources Recycling and Recovery (CalRecycle)
Contact name	Ms. Dona Sturgess
Contact title	Senior Legal Analyst
City	Sacramento
State	CA
Contact date	July 28, 2014
Request medium	Email
Response date	July 19, 2014
Form of response	E-mail

Response: No records on file.

Agency name	Office of Environmental Health Hazard Assessment
Contact name	Ms. Monet Vela
Contact title	Not provided
City	Sacramento
State	CA
Contact date	July 28, 2014
Request medium	Email
Response date	July 19, 2014
Form of response	E-mail

Response: No records on file.

Agency name	Department of Toxic Substances Control – Cypress Region
Contact name	Not provided
Contact title	Not provided
City	Cypress
State	CA
Contact date	July 28, 2014
Request medium	Email
Response date	Pending
Form of response	Pending

Response: A response has not been received at the time of this report.

8.1.10 State Environmental Agency

Agency name	California EPA – State Water Resources Control Board – Central Coast Region
Contact name	Not provided
Contact title	Not provided
City	San Luis Obispo
State	CA
Contact date	July 28, 2014
Request medium	Fax
Response date	Pending
Form of response	Pending

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Response: A response has not been received at the time of this report.

8.1.11 State Online Database Information/GIS

Agency name	State Water Resources Control Board
Contact name	Not applicable
Contact title	Not applicable
City	Sacramento
State	CA
Contact date	August 4, 2014
Request medium	Online
Response date	August 4, 2014
Form of response	Online

Response: The subject property was not listed within this database.

At the time this report was prepared, some of the above local, county, and state agencies and companies had not responded to our information request as indicated.

According to ASTM E 1527-13, Section 8.1.5, information that has been requested must be reasonably ascertainable as part of performing the Phase I Environmental Assessment. Information that is reasonably ascertainable per ASTM means that information will be provided by the source within 20 calendar days of receiving a written, telephone, or in-person request.

Copies of the letters and records of communication are included in Appendix I.

8.1.12 USEPA Envirofacts

Property Solutions contacted the United States Environmental Protection Agency (USEPA) through an on-line search via the Internet to obtain information concerning the subject property. Property Solutions performed a search of Envirofacts, a USEPA-generated website that integrates data extracted from five major USEPA program systems: Aerometric Information Retrieval System (AIRS)/AIRS Facility Subsystem (AFS), Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS), Permit Compliance System (PCS), Resource Conservation and Recovery Information System (RCRIS) and Toxic Chemical Release Inventory System (TRIS), using two integrating databases: Facility Index System (FINDS) and Envirofacts Master Chemical Integrator (EMCI).

Property Solutions generated a printout of all facilities under the programs identified above that are located within the subject property's zip code (93117). The subject property and adjoining properties were not listed among the sites identified during the query search. The query was executed on July 28, 2014.

A copy of the search results is included in Appendix I.

8.2 Environmental Database Information

As part of the Phase I Environmental Assessment, Property Solutions utilized Environmental Data Resources, Inc. (EDR) of Shelton, Connecticut, as an information source for regulatory agency environmental database records. The environmental database was dated July 29, 2014

Data supplied by EDR is included in Appendix J. This database also includes the required documentation of sources checked as per Section 8.1.8 of the ASTM standard.

The following summary of the database information is divided into two columns. The first column lists sites as identified and located by EDR within the specified distance of the subject property. The second column lists orphan sites, which could not be located by EDR due to incomplete and/or inaccurate address information included in the United States Environmental Protection Agency (USEPA)/state databases, which Property Solutions identified as potentially lying within the search distance.

Although the exact locations of the orphan sites are frequently unknown, Property Solutions attempts to evaluate the potential adverse environmental impact that these sites may have on the subject property. This evaluation consists of reviewing street names in an effort to learn whether the street on which the site is located lies within the search distance of the subject property, a drive-by view of surrounding properties during the site visit, and evaluating the site type and information provided by government agencies. The orphan sites included in the following table are those Property Solutions identified as potentially located within the identified search distance. A complete list of sites is included in Appendix J.

Environmental Database Summary

Database	Search Distance	Plottable	Orphan
National Priorities List	1 Mile	0	0
State/Tribal Hazardous Waste Sites	1 Mile	6	0
RCRA Corrective Action Treatment/Storage/Disposal (TSD) Facilities (CORRACTS)	1 Mile	2	0
Delisted National Priorities List	½ Mile	0	0
CERCLIS Sites	½ Mile	0	0
CERCLIS No Further Remedial Action Planned (NFRAP) Sites	½ Mile	2	0
RCRA Non-Corrective Action TSD Facilities	½ Mile	2	0
State/Tribal Voluntary Cleanup Sites	½ mile	0	0
State/Tribal Brownfield Sites/CERCLIS Equivalent	½ mile	0	0
State/Tribal Leaking Registered Storage Tank Sites	½ Mile	19	0
State/Tribal Solid Waste Landfill Sites/Facilities	½ Mile	0	0
Historic Landfills	½ Mile	0	0

Database	Search Distance	Plottable	Orphan
Federal/State/Tribal Engineering Controls Registries	½ Mile	0	0
Federal/State/Tribal Institutional Controls Registries	½ Mile	0	0
RCRA Large Quantity Generators	Subject Property and Adjoining Properties	0	0
RCRA Small Quantity Generators	Subject Property and Adjoining Properties	0	0
State/Tribal Registered Storage Tank Sites	Subject Property and Adjoining Properties	0	0
Manifest	Subject Property	0	0
Spill/Release Sites	Subject Property	10	0
Facility Index System (FINDS)	Subject Property	0	0
Emergency Response Notification System	Subject Property	0	0

Database Summary

A complete copy of the database report is attached as an appendix to this report. Those sites noted within the search radius with a closed status from regulators, or not listed with known, documented, or suspected release sites will not be discussed below but can be referred to in the database report. The above sites are not expected to significantly impact the subject property based on the regulatory status listed. In addition, those remaining sites which are expected to be hydraulically downgradient, at a sufficient distance from the subject property, or due to the urban setting and density of the area, will not be discussed below but can be referred to in the database report. These above sites are not expected to significantly impact the subject property based on the above factors and as per ASTM E 1527-13.

The following is a discussion of the database findings:

Subject and Adjoining Properties

The subject property and adjoining properties were not listed in the environmental database. The subject property and adjoining properties were not listed in the non-ASTM databases that were searched in the EDR database.

The potential for obvious vapor encroachment from volatile organic compounds and petroleum products on the subject property or from nearby properties listed in the above databases with known or suspected releases was evaluated.

No activity and use limitations at the subject property indicating vapor encroachment was identified during this assessment.

Based on standard sources reviewed in Section 8.0 and observations made during the property visit, significant releases of chemicals of concern may have occurred on the subject property. Significant releases of chemicals of concern have occurred on the adjacent properties.

No further action is recommended at this time. Because of its depth, the soil that is noted with a “slight hydrocarbon odor” in the Soils Material Report dated July 20, 2010, appears to be a de minimis condition.

Property Solutions understands from conversation with The Towbes Group, Inc. that the subject property is proposed for residential development, and that the City of Santa Barbara and the Regional Water Quality Control Board are expected to issue directives regarding the management of environmental issues, including soils. Property Solutions also understands that management of soil piles is ongoing at this time, and that the preparation of a Soil Management Plan is anticipated for the development project.

Property Solutions recommends that the property owner coordinate environmental activities with the City of Santa Barbara and the Regional Water Quality Control Board so that development can be completed in accordance with regulatory requirements

8.3 Local Lists

The below local types of records were researched or requested from third parties, the Key Site Manager or local regulatory agencies:

- Local Brownfield Lists
- Local Lists of Landfill/Solid Waste Disposal Sites
- Local Lists of Hazardous Waste/Contaminated Sites
- Local Lists of Registered Storage Tanks
- Local Land Records (For AULs)
- Records of Emergency Release Reports
- Records of Contaminated Public Wells

The above information is discussed in Sections 8.1 and in 8.2, and was duplicative of those sections.

8.4 Database Proprietary Lists

The subject property and adjoining properties were not listed in the EDR proprietary information searched in the EDR database.

9.0 PROPERTY VISIT

Property Visit Date	August 4, 2015
Property Solutions Personnel and Title	Mr. Marc Hachey, PG, CEG
Property Escort Name	None provided
Property Escort Title	Not applicable
Property Escort Company	Not applicable
Property Escort Affiliation	Not applicable
Property Escort Years of Association with Subject Property: Not applicable	
No presurvey questionnaire (PQ) was completed.	
Person Completing PQ Name	Not applicable
Person Completing PQ Company	Not applicable
Person Completing PQ Affiliation	Not applicable
Inaccessible Areas and Reason:	
Weather Conditions: Overcast Approximate Temperature: 80 degrees F	
No weather conditions limiting observations were noted.	
Describe Limiting Conditions Present: None	

Property Solutions observed all areas during the property visit.

Property Solutions was not provided an escort during the property visit, which is considered a limitation to the property visit.

Photographs taken during the property visit are included in Appendix C.

9.1 ASTM Scope Considerations

9.1.1 Underground Storage Tanks

No evidence of underground storage tanks (USTs) was observed on the subject property during the property visit.

Based upon the above information, no further action is recommended.

9.1.2 Aboveground Storage Tanks

No aboveground storage tanks (ASTs) were observed on the subject property during the property visit.

Based upon the above information, no further action is recommended.

9.1.3 Polychlorinated Biphenyl-Containing Electrical Equipment

A visual review was conducted for the presence of electrical equipment that could contain polychlorinated biphenyls (PCBs), an environmentally regulated material used in dielectric fluid in some electrical equipment.

No transformers, capacitors, or large switch gear equipment were observed on the subject property during the property visit.

Based upon the above information, no further action is recommended.

9.1.4 Hydraulic Equipment

No evidence of hydraulic equipment was observed on the subject property during the property visit.

Based upon the above information, no further action is recommended.

9.1.5 Chemical, Hazardous Materials, and Raw Materials Storage and Usage

Chemicals stored on the subject property are minimal quantities of domestic cleaning chemicals and paints. No hazardous materials were observed within the temporary construction site at the northwest property corner, and approximately 30 five-gallon paint containers and two 5-gallon containers of caulk were observed stored near the trailers at the center of the site. Some minor paint spillage was observed. A portable diesel-fired emergency generator was also present. No evidence of a fuel release was observed.

Property Solutions recommends that the area be periodically viewed for possible releases of hazardous substances. A final walkthrough should be performed immediately upon the contractor's departure.

9.1.6 Waste Generation, Storage, and Disposal

No evidence of hazardous waste generation, storage, or disposal was observed during the property visit.

Based upon the above information, no further action is recommended.

9.1.7 Wells, Sumps, Pits, and Floor Drains

No wells, sumps, pits, or floor drains were observed on the property during the property visit.

Based upon the above information, no further action is recommended.

9.1.8 Stormwater Runoff and Surface Water

The subject property is unimproved. Stormwater runoff is expected to exit the subject property via overland flow and enter the municipal stormwater collection system via storm drains located within the subject property's parking areas and along local roadways. Stormwater is also expected to percolate through the landscaped areas.

The 1972 Amendments to the Federal Water Pollution Control Act (commonly known as the Clean Water Act [CWA]) prohibit the discharge of any pollutant to waters of the United States from a point source unless the discharge is authorized by a National Pollutant Discharge Elimination System (NPDES) permit. In 1987, the CWA was again amended by Congress to require implementation of a comprehensive national program for addressing problematic non-agricultural, non-point sources of stormwater discharge. The rules and regulations of the NPDES program are included in 40 CFR 122.26.

Stormwater permitting for a property is based on the property's Standard Industrial Classification (SIC) Code (category of industrial activity). However, the NPDES program includes a "no exposure" exemption for facilities within an applicable category of industrial activity. Based on 40 CFR 122.26 B(14), the subject property must obtain an NPDES Stormwater Discharge Permit only if material handling equipment or activities, raw materials, intermediate products, final products, waste materials, by-products, or industrial machinery is exposed to stormwater. As materials and activities described above are not associated with the subject property, stormwater permitting is not expected to be applicable at this time.

No surface water bodies (i.e., springs or swamps) were observed on the subject property.

Based upon the above information, stormwater runoff and surface water are not expected to be environmental concerns at this time. No further action is recommended at this time.

9.1.9 Lagoons, Ponds, Septic Systems, and Separators

No evidence of lagoons, ponds septic systems, or separators was observed on the subject property during the property visit.

Based upon the above information, no further action is recommended.

9.1.10 Stressed Vegetation, Staining, and Odors

No evidence of stressed vegetation, staining, or odors was noted on the subject property during the property visit.

Based upon the above information, no further action is recommended.

9.1.11 Surficial Disturbance

No evidence of surficial disturbances was observed on the subject property during the property visit, other than the soil piles.

Based upon the above information, no further action is recommended at this time.

9.1.12 On-Property Dry Cleaners

No dry cleaning operations were observed at the subject property at the time of the property visit. Ms. Linda Blackburn was not aware of dry cleaning operations at the subject property.

No dry cleaners were identified during the historical review of the subject property. Ms. Linda Blackburn was unaware of historical dry cleaning operations at the subject property.

9.2 ASTM Non-Scope Considerations

9.2.1 Asbestos-Containing Materials

No buildings were present on the subject property at the time of the property visit.

Based upon the above information, no further action is recommended at this time.

9.2.2 Radon

According to information provided by EDR, Santa Barbara County is located in radon Zone 1 (high potential). State of California information states that 48 of 312 radon tests conducted in the subject property zip code exceeded the USEPA-recommended action level of 4.0 picoCuries per liter (pCi/L). Federal information states that for 13 sites tested in the subject property zip code, the average radon activity for first-floor living areas was 2.915 pCi/L. Property Solutions understands that the subject property is proposed for the construction of slab-on-grade residential buildings.

The USEPA recommends in its guidance documents entitled A Citizen's Guide to Radon (May 1992) and Home Buyer's and Seller's Guide to Radon (March 1993) that if radon results are higher than the action level of 4.0 pCi/L, a follow-up, long-term test or a second short-term test should be conducted. For a better understanding of the year-round average radon level, the USEPA recommends long-term, follow-up testing.

Property Solutions recommends that radon be taken into consideration when designs are being prepared for the proposed residential buildings.

9.2.3 Lead-Based Paint

No buildings were present on the subject property at the time of the property visit.

Based upon the above information, no further action is recommended at this time.

9.2.4 Lead in Drinking Water

Drinking water for the surrounding area is provided by Goleta Water District. The Goleta Water District was required to perform system-wide lead screening of their water system starting in 1992, under the USEPA "Lead and Copper Regulations" (Federal Register Volume 56, No. 26460). These regulations, promulgated in June 1991, require public water systems to perform screening and provide for public notification and corrective action to reduce the lead hazards present in the water system.

According to the 2012 Consumer Confidence Report, the public water supply has met the 90th percentile for the lead action level of 15 parts per billion (ppb), and is currently in compliance with the USEPA's Lead and Copper Regulations.

9.2.5 Potential Wetlands

No evidence of wetland areas was observed on the subject property during the property visit. Review of the United States Department of the Interior, National Wetland Inventory map of Goleta, CA, revealed that no delineated wetlands are located on the subject property.

Based upon the above information, wetland areas are not expected to be an environmental concern at this time. No further action is recommended.

A copy of the wetland map is included in Appendix A.

9.2.6 Air Emissions

No major air emissions sources were identified at the subject property during the property visit.

Based upon the above information, no further action is recommended.

9.2.7 Mold/Water Intrusion

No buildings were present on the subject property at the time of the property visit.

Based upon the above information, no further action is recommended at this time.

10.0 CONCLUSIONS AND RECOMMENDATIONS

We have performed a Phase I Environmental Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of Heritage Ridge Development located northeast of South Los Carneros and Calle Koral in Goleta, Santa Barbara County, CA 93117. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property.

De minimis conditions are a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. The following de minimis condition was identified at the subject property based on the findings provided in this report:

- (1) Imported fill is located on the subject property. Property Solutions reviewed the following reports and correspondence:
 - In their Phase I Environmental Site Assessment report dated April 2, 1999, Dames & Moore noted the presence of large piles of fill soil on Property Solutions' subject property. The source of the fill was not identified. No discolored soil was noted. Dames & Moore did not identify the fill as a recognized environmental condition, and made no recommendations for further action.
 - In their Report of Soil Removal dated August 12, 2004, Earth Systems Pacific documented the removal of approximately 130 cubic yards of hydrocarbon-contaminated soil (diesel fuel or fuel oil) that had mistakenly been deposited on Property Solutions' subject property. The removal action included the collection and analysis of post-excavation soil samples in order to evaluate the adequacy of the remedial action. A total of 400 cubic yards of soil was transported for off-property disposal. Earth System Pacific concluded that the remedial action was adequate.
 - In their Soils Material Report dated July 20, 2010, Earth Systems Pacific noted a "slight hydrocarbon odor" in the logs for all five soil borings advanced on the southwestern arm of Property Solutions' subject property for geotechnical engineering purposes. Earth Systems Pacific's A-A' cross section, which extends for more than 600 feet from northeast to southwest across the investigated area, identifies a "slight hydrocarbon odor" from an upper depth of 10 to 15 feet below ground extending to a lower depth of 16 to 25 feet below ground surface. Earth Systems Pacific's B-B' cross section, which extends for more than 800 feet from north to south across the investigated area, also identifies a "slight hydrocarbon odor" from an upper depth of 10 to 15 feet below ground extending to a lower depth of 16 to 25 feet below ground surface.

- In their Geotechnical Engineering Report dated July 8, 2014, Earth Systems Pacific noted that groundwater on the subject property occurred at depths as shallow as 22.5 feet below ground surface.
- In their Results of Soil Analysis, Northwest Stockpile dated August 1, 2014, Earth Systems Pacific noted the presence of stained and odorous soils, which, in their estimation, that might render the soil undesirable for use at a property that is to be developed as a school, hospital, or residence. Earth Systems Pacific also reported that laboratory analysis did not identify concentrations of target compounds that would preclude the use of the soils for fill at properties proposed for other uses.

On the basis of the documentation reviewed, Property Solutions concludes that various areas of the subject property have experienced the delivery and removal of contaminated soils over a period of years. Because of its depth, the soil that is noted with a “slight hydrocarbon odor” in the Soils Material Report dated July 20, 2010, appears to be a de minimis condition.

Property Solutions understands from conversation with The Towbes Group, Inc. that the subject property is proposed for residential development, and that the City of Santa Barbara and the Regional Water Quality Control Board are expected to issue directives regarding the management of environmental issues, including soils. Property Solutions also understands that management of soil piles is ongoing at this time, and that the preparation of a Soil Management Plan is anticipated for the development project.

Property Solutions recommends that the property owner coordinate environmental activities with the City of Santa Barbara and the Regional Water Quality Control Board so that development can be completed in accordance with regulatory requirements.

ASTM non-scope considerations are business environmental risks that are not included in the ASTM 1527-13 scope of work. The following ASTM non-scope consideration was identified at the subject property based on the findings provided in this report:

- (2) At the time of the property visit, the subject property was being used as an unpaved construction yard. A portable diesel-fired emergency generator was present. No evidence of a fuel release was observed.

Property Solutions recommends that the area be periodically viewed for possible releases of hazardous substances. A final walkthrough should be performed immediately upon the contractor’s departure.

- (3) According to information provided by EDR, Santa Barbara County is located in radon Zone 1 (high potential). State of California information states that 48 of 312 radon tests conducted in the subject property zip code exceeded the USEPA-recommended action level of 4.0 picoCuries per liter (pCi/L). Federal information states that for 13 sites tested in the subject property zip code, the average radon activity for first-floor living areas was

2.915 pCi/L. Property Solutions understands that the subject property is proposed for the construction of slab-on-grade residential buildings.

Property Solutions recommends that radon be taken into consideration when designs are being prepared for the proposed residential buildings.

11.0 REFERENCES

11.1 Information Sources

1. United States Geological Survey's 7.5-minute topographic quadrangle map of Goleta, CA.
2. United States Department of Agriculture, Soil Conservation Services' Soil Survey of Santa Barbara, State.
3. Geologic Map of California – Los Angeles Sheet produced by the California Division of Mines and Geology.
4. United States Department of the Interior, National Wetland Inventory Map for Goleta, CA.
5. National Water Summary 1986 – Hydrologic Events and Groundwater Quality, dated 1988, produced by the United States Geological Survey.
6. Goleta Water District's 2012 Consumer Confidence Report.
7. USEPA's Map of Radon Zones produced by the USEPA.
8. Aerial photographs provided by Environmental Data Resources, Inc.
9. Fire insurance maps, provided by Environmental Data Resources, Inc.
10. The EDR Radius Map with GeoCheck, produced by Environmental Data Resources, Inc.
11. Envirofacts Data Warehouse, produced by USEPA.
12. Final Report, Phase I Environmental Site Assessment, prepared by Dames and Moore, dated April 2, 1999
13. Report of Soil Removal, prepared by Earth Systems Pacific, dated August 12, 2004
14. Willow Spring Soil Stockpile, prepared by Geosyntec Consultants, dated January 8, 2007
15. Soils Materials Report, prepared by Earth Systems Pacific, dated July 20, 2010
16. Geotechnical Engineering Report, prepared by Earth Systems Pacific, dated July 8, 2014
17. Results of Soil Analysis, prepared by Earth Systems Pacific, dated August 1, 2014

11.2 Definitions

Abandoned property – property that can be presumed to be deserted, or an intent to relinquish possession or control can be inferred from the general disrepair or lack of activity thereon such that a reasonable person could believe that there was an intent on the part of the current owner to surrender rights to the property.

Activity and use limitations – 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, soil vapor, groundwater, and/or surface water on the 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, are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil, soil vapor, groundwater, and/or surface water on the property. See Note 1.

NOTE 1—The term *AUL* is taken from Guide E2091 to include both legal (that is, institutional) and physical (that is, engineering) controls within its scope. Other agencies, organizations, and jurisdictions may define or utilize these terms differently (for example, EPA and California do not include physical controls within their definitions of “*institutional controls*.” Department of Defense and International County/City Management Association use “Land Use Controls.” The term “land use restrictions” is used but not defined in the *Brownfields Amendments*).

Actual knowledge – the knowledge actually possessed by an individual who is a real person, rather than an entity. Actual knowledge is to be distinguished from constructive knowledge that is knowledge imputed to an individual or entity.

Actual Knowledge Exception – If the user or environmental professional(s) conducting an environmental site assessment has actual knowledge that the information being used from a prior environmental site assessment is not accurate or if it is obvious, based on other information obtained by means of the environmental site assessment or known to the person conducting the environmental site assessment, that the information being used is not accurate, such information from a prior environmental site assessment may not be used.

Adjoining properties – any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them.

All appropriate inquiries – that inquiry constituting all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial and customary practice as defined in CERCLA, 42 U.S.C §9601(35)(B), that will qualify a party to a commercial real estate transaction for one of the threshold criteria for satisfying the LLPs to CERCLA liability (42 U.S.C §9601(35)(A) & (B), §9607(b)(3), §9607(q); and §9607(r)), assuming compliance with other elements of the defense. See ASTM 1527-13 Appendix X1.

Approximate minimum search distance – the area for which records must be obtained and reviewed pursuant to Section 8 subject to the limitations provided in that section. This may include areas outside the property and shall be measured from the nearest property boundary. This term is used in lieu of radius to include irregularly shaped properties.

Bona fide prospective purchaser liability protection – (42 U.S.C. §9607(r))—a person may qualify as a bona fide prospective purchaser if, among other requirements, such person made “all appropriate inquiries into the previous ownership and uses of the facility in accordance with generally accepted good commercial and customary standards and practices.” Knowledge of contamination resulting from all appropriate inquiries would not generally preclude this liability protection. A person must make all appropriate inquiries on or before the date of purchase. The facility must have been purchased after January 11, 2002. See ASTM E 1527-13, Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Business environmental risk – a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of business environmental risk issues may involve addressing one or more non-scope considerations, some of which are identified in ASTM E 1527-13, Section 13.

Comparison with Subsequent Inquiry – It should not be concluded or assumed that an inquiry was not all appropriate inquiries merely because the inquiry did not identify recognized environmental conditions in connection with a property. Environmental site assessments must be evaluated based on the reasonableness of judgments made at the time and under the circumstances in which they were made. Subsequent environmental site assessments should not be considered valid standards to judge the appropriateness of any prior assessment based on hindsight, new information, use of developing technology or analytical techniques, or other factors.

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) – the list of sites compiled by EPA that EPA has investigated or is currently investigating for potential hazardous substance contamination for possible inclusion on the National Priorities List.

Controlled recognized environmental condition – a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). (See Note 2.) A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report. (See Note 3.)

Note 2-For example, if a leaking underground storage tank has been cleaned up to a commercial use standard, but does not meet unrestricted residential cleanup criteria, this would be considered a controlled recognized environmental condition. The “control” is represented by the restriction that the property use remain commercial.

Note 3-A condition identified as a controlled recognized environmental condition does not imply that the environmental professional has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or intended to be, implemented.

Construction debris – concrete, brick, asphalt, and other such building materials discarded in the construction of a building or other improvement to property.

Contiguous property owner liability protection – (42 U.S.C. §9607(q))—a person may qualify for the contiguous property owner liability protection if, among other requirements, such person owns real property that is contiguous to, and that is or may be contaminated by hazardous substances from other real property that is not owned by that person. Furthermore, such person conducted all appropriate inquiries at the time of acquisition of the property and did not know or have reason to know that the property was or could be contaminated by a release or threatened release from the contiguous property. The all appropriate inquiries must not result in knowledge of contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for the contiguous property owner liability protection. See ASTM E 1527-13, Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Continued Viability of Environmental Site Assessment – Subject to ASTM E 1527-13, Section 4.8, an environmental site assessment meeting or exceeding this practice and completed less than 180 days prior to the date of acquisition⁵ of the property or (for transactions not involving an acquisition) the date of the intended transaction is presumed to be valid.⁶ If within this period the assessment will be used by a user different than the user for whom the assessment was originally prepared, the subsequent user must also satisfy the User’s Responsibilities in ASTM E 1527-13, Section 6. Subject to Section 4.8 and the User’s Responsibilities set forth in ASTM E 1527-13, Section 6, an environmental site assessment meeting or exceeding this practice and for which the information was collected or updated within one year prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction may be used provided that the following components of the inquiries were conducted or updated within 180 days of the date of purchase or the date of the intended transaction: (i) interviews with owners, operators, and occupants; (ii) searches for recorded environmental cleanup liens; (iii) reviews of federal, tribal, state, and local government records; (iv) visual inspections of the property and of adjoining properties; and (v) the declaration by the environmental professional responsible for the assessment or update.

⁵ Under “*All Appropriate Inquiries*” 40 C.F.R. Part 312, EPA defines date of acquisition as the date on which a person acquires title to the *property*.

⁶ Subject to meeting the other requirements set forth in this section, for purpose of the *LLPs*, information collected in an assessment conducted prior to the effective date of the federal regulations for *All Appropriate Inquiries* or this practice can be used if the information was generated as a result of procedures that meet or exceed the requirements of the E 1527-97 or -00 standards.

Contractual Issues Regarding Prior Assessment Usage – The contractual and legal obligations between prior and subsequent users of environmental site assessments or between environmental professionals who conducted prior environmental site assessments and those who would like to use such prior environmental site assessments are beyond the scope of this practice.

Data failure – a failure to achieve the historical research objectives in ASTM E 1527-13, §8.3.1 through 8.3.2.2 even after reviewing the standard historical sources in §8.3.4.1 through 8.3.4.8 that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap. See ASTM E 1527-13, 8.3.2.3.

Data gap – a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.). See ASTM E 1527-13 12.7.

De minimis Condition - a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions.

Demolition debris – concrete, brick, asphalt, and other such building materials discarded in the demolition of a building or other improvement to property.

Engineering controls (EC) – physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or groundwater on the property. Engineering controls are a type of activity and use limitation (AUL).

Environmental lien – a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 U.S.C. §§9607(1) & 9607(r) and similar state or local laws.

Environmental professional – a person meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b). See ASTM E 1527-13 Appendix X2. The person may be an independent contractor or an employee of the user.

Fill dirt – dirt, soil, sand, or other earth, that is obtained off-site, that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation of real property. It does not include material that is used in limited quantities for normal landscaping activities.

Good faith – the absence of any intention to seek an unfair advantage or to defraud another party; an honest and sincere intention to fulfill one’s obligations in the conduct or transaction concerned.

Hazardous substance – a substance defined as a hazardous substance pursuant to CERCLA 42 U.S.C. §9601(14), as interpreted by EPA regulations and the courts:“ (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Resource

Conservation and Recovery Act of 1976 (RCRA), as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. §§6901 et seq.) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 U.S.C. §7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).” (See ASTM E 1527-13, Appendix X1.)

Hazardous waste – any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of RCRA, as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. §§6901-6992k) has been suspended by Act of Congress). RCRA is sometimes also identified as the Solid Waste Disposal Act. RCRA defines a hazardous waste, at 42 U.S.C. §6903, as: “a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may— (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed.”

Hazardous waste/contaminated sites – sites on which a release has occurred, or is suspected to have occurred, of any hazardous substance, hazardous waste, or petroleum products, and that release or suspected release has been reported to a government entity.

Historical recognized environmental condition – 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 (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition.

IC/EC registries – databases of institutional controls or engineering controls that may be maintained by a federal, state or local environmental agency for purposes of tracking sites that may contain residual contamination and AULs. The names for these may vary from program to program and state to state, and include terms such as Declaration of Environmental Use Restriction database (Arizona), list of “deed restrictions” (California), environmental real

covenants list (Colorado), brownfields site list (Indiana, Missouri) and the Pennsylvania Activity and Use Limitation (PA AUL) Registry.

Innocent landowner defense – (42 U.S.C. §§9601(35) & 9607(b)(3)) – a person may qualify as one of three types of innocent landowners: (i) a person who “did not know and had no reason to know” that contamination existed on the property at the time the purchaser acquired the property; (ii) a government entity which acquired the property by escheat, or through any other involuntary transfer or acquisition, or through the exercise of eminent domain authority by purchase or condemnation; and (iii) a person who “acquired the facility by inheritance or bequest.” To qualify for the innocent landowner defense, such person must have made all appropriate inquiries on or before the date of purchase. Furthermore, the all appropriate inquiries must not have resulted in knowledge of the contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for the innocent landowner defense. See ASTM E 1527-13, Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Institutional controls (IC) – a legal or administrative restriction (for example, “deed restrictions,” restrictive covenants, easements, or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the 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. An institutional control is a type of Activity and Use Limitation (AUL).

Interviews – those portions of ASTM E 1527-13 practice that are contained in Section 10 and 11 thereof and address questions to be asked of past and present owners, operators, and occupants of the property and questions to be asked of local government officials.

Key site manager – the person identified by the owner or operator of a property as having good knowledge of the uses and physical characteristics of the property. See ASTM E 1527-13, 10.5.1.

Landowner Liability Protections (LLPs) – landowner liability protections under CERCLA; these protections include the bona fide prospective purchaser liability protection, contiguous property owner liability protection, and innocent landowner defense from CERCLA liability. See 42 U.S.C. §§9601(35)(A), 9601(40), 9607(b), 9607(q), 9607(r).

Level of Inquiry is Variable – Not every property will warrant the same level of assessment. Consistent with good commercial and customary practice, the appropriate level of environmental site assessment will be guided by the type of property subject to assessment, the expertise and risk tolerance of the user, and the information developed in the course of the inquiry.

Major occupants – those tenants, subtenants, or other persons or entities each of which uses at least 40 % of the leasable area of the property or any anchor tenant when the property is a shopping center.

Material threat – a physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a hazardous substance and which shows evidence of damage. The damage would represent a material threat if it is deemed serious enough that it may cause or contribute to tank integrity failure with a release of contents to the environment.

Migrate/migration – for the purposes of this practice, “migrate” and “migration” refers to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface. See Note 4.

Note 4-Vapor migration in the subsurface is described in Guide E2600; however, nothing in this practice should be construed to require application of the Guide E2600 standard to achieve compliance with all appropriate inquiries.

Not Exhaustive – All appropriate inquiries does not mean an exhaustive assessment of a property. There is a point at which the cost of information obtained or the time required to gather it outweighs the usefulness of the information and, in fact, may be a material detriment to the orderly completion of transactions. One of the purposes of this practice is to identify a balance between the competing goals of limiting the costs and time demands inherent in performing an environmental site assessment and the reduction of uncertainty about unknown conditions resulting from additional information.

Obvious – that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer while visually or physically observing the property.

Occupants – those tenants, subtenants, or other persons or entities using the property or a portion of the property.

Operator – the person responsible for the overall operation of a facility.

Owner – generally the fee owner of record of the property.

Petroleum exclusion – the exclusion from CERCLA liability provided in 42 U.S.C. §9601(14), as interpreted by the courts and EPA: “The term (hazardous substance) does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).”

Petroleum products – those substances included within the meaning of the petroleum exclusion to CERCLA, 42 U.S.C. §9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of 42 U.S.C. §9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosene, diesel oil, jet fuels, and fuel oil, pursuant to Standard Definitions of Petroleum Statistics.⁴)

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Practically reviewable – information that is practically reviewable means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the property without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the user can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the property or a geographic area in which the property is located are not generally practically reviewable. Most databases of public records are practically reviewable if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally practically reviewable. Listings in publicly available records which do not have adequate address information to be located geographically are not generally considered practically reviewable. For large databases with numerous records (such as RCRA hazardous waste generators and registered underground storage tanks), the records are not practically reviewable unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any given zip code because that information would not be practically reviewable. In other words, when so much data is generated that it cannot be feasibly reviewed for its impact on the property, it is not practically reviewable.

Prior Assessment Usage – The ASTM E 1527-13 practice recognizes that environmental site assessments performed in accordance with this practice will include information that subsequent users may want to use to avoid undertaking duplicative assessment procedures. Therefore, this practice describes procedures to be followed to assist users in determining the appropriateness of using information in environmental site assessments performed more than one year prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction. The system of prior assessment usage is based on the following principles that should be adhered to in addition to the specific procedures set forth elsewhere in the ASTM E 1527-13 practice.

Property – the real property that is the subject of the environmental site assessment described in the ASTM E 1527-13 practice. Real property includes buildings and other fixtures and improvements located on the property and affixed to the land.

Publicly available – information that is publicly available means that the source of the information allows access to the information by anyone upon request.

Reasonably Ascertainable – information that is (1) publicly available, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable.

Reasonable time and cost – information that is obtainable within reasonable time and cost constraints means that the information will be provided by the source within 20 calendar days of receiving a written, telephone, or in-person request at no more than a nominal cost intended to cover the source’s cost of retrieving and duplicating the information. Information that can only be reviewed by a visit to the source is reasonably ascertainable if the visit is permitted by the source within 20 days of request.

Recognized environmental conditions – the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.

Recorded land title records – records of historical fee ownership, which may include leases, land contracts, and AULs on or of the property recorded in the place where land title records are, by law or custom, recorded for the local jurisdiction in which the property is located. (Often such records are kept by a municipal or county recorder or clerk.) Such records may be obtained from title companies or directly from the local government agency. Information about the title to the property that is recorded in a U.S. district court or any place other than where land title records are, by law or custom, recorded for the local jurisdiction in which the property is located, are not considered part of recorded land title records. See ASTM E 1527-13 8.3.4.4.

Release – a release of any hazardous substance or petroleum product shall have the same meaning as the definition of “release” in CERCLA 42 U.S.C. § 9601(22)). For additional background information, see Legal Appendix (Appendix X1) to X1.1.1 “Releases and Threatened Release.”

Relevant experience (as used in the definition of environmental professional) – participation in the performance of all appropriate inquiries investigations, environmental site assessments, or other site investigations that may include environmental analyses, investigations, and remediation which involve the understanding of surface and subsurface environmental conditions and the processes used to evaluate these conditions and for which professional judgment was used to develop opinions regarding conditions indicative of releases or threatened releases (see §312.1(c)) to the subject property.

Rules of Engagement – The contractual and legal obligations between an environmental professional and a user (and other parties, if any) are outside the scope of this practice. No specific legal relationship between the environmental professional and the user is necessary for the user to meet the requirements of this practice.

Uncertainty Not Eliminated – No environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a property, and this practice recognizes reasonable limits of time and cost.

Use of Prior Information – Subject to the requirements set forth in ASTM E 1527-13, Section 4.6, users and environmental professionals may use information in prior environmental site assessments provided such information was generated as a result of procedures that meet or exceed the requirements of this practice. However, such information shall not be used without current investigation of conditions likely to affect recognized environmental conditions in connection with the property. Additional tasks may be necessary to document conditions that may have changed materially since the prior environmental site assessment was conducted.

User – the party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The user has specific obligations for completing a successful application of this practice as outlined in ASTM E 1527-13, Section 6.

Visually and/or physically observed – during a site visit pursuant to this practice, this term means observations made by vision while walking through a property and the structures located on it and observations made by the sense of smell, particularly observations of noxious or foul odors. The term “walking through” is not meant to imply that disabled persons who cannot physically walk may not conduct a site visit; they may do so by the means at their disposal for moving through the property and the structures located on it.

11.3 Acronyms

ACM – asbestos-containing material

AST – aboveground storage tank

ASTM – American Society for Testing and Materials

AUL – Activity and Use Limitations

bgs – below ground surface

CERCLA – Comprehensive Environmental Response, Compensation and Liability Act of 1980 (as amended, 42 USC § 9601 et seq.)

CERCLIS – Comprehensive Environmental Response, Compensation and Liability Information System (maintained by EPA)

CFR – Code of Federal Regulations

CORRACTS – Facilities subject to Corrective Action under RCRA

CREC – Controlled recognized environmental condition

EA – Environmental assessment

ECRA – Environmental Cleanup Responsibility Act

EDR – Environmental Data Resources, Inc.

EPA – United States Environmental Protection Agency

EPCRA – Emergency Planning and Community Right to Know Act ((also known as SARA Title III), 42 USC § 11001 et seq.)

ERNS – Emergency Response Notification System

ESA – Environmental Site Assessment (different than an *environmental compliance audit*, 3.2.27)

FOIA – U.S. Freedom of Information Act (5 U.S.C. §552 as amended by Public Law No. 104-231, 110 Stat.)
FR – Federal Register
HREC – Historical recognized environmental condition
ICs – Institutional Controls
ISRA – Industrial Site Recovery Act
LBP – Lead-based paint
LLP – Landowner Liability Protections under the *Brownfields Amendments*
LRST – Leaking registered storage tank
LUST – Leaking underground storage tank
MSDS – Material safety data sheet
NCP – National Contingency Plan
NFRAP – former CERCLIS sites where no further remedial action is planned under CERCLA
NPDES – National Pollutant Discharge Elimination System
NPL – National Priorities List
NVLAP – National Voluntary Laboratory Accreditation Program
OSHA – Occupational Safety and Health Administration
PACM – Presumed asbestos-containing material
PCBs – Polychlorinated biphenyls
PLM – Polarized light microscopy
PRP – Potentially responsible party (pursuant to CERCLA 42 USC § 9607(a))
RCRA – Resource Conservation and Recovery Act (as amended, 42 USC § 6901 et seq.)
RCRIS – Resource Conservation and Recovery Act Information System
REC – Recognized environmental condition
ROC – Record of communication
RST – Registered storage tank
SACM – Suspect asbestos-containing material
SARA – Superfund Amendments and Reauthorization Act of 1986 (amendment to CERCLA)
SIC – Standard Industrial Classification
TEM – Transmission electron microscopy
TSDf – Hazardous waste treatment, storage or disposal facility
USC – United States Code
USEPA – United States Environmental Protection Agency
USGS – United States Geological Survey
UST – Underground storage tank

**ATTACHMENT I
PROFESSIONAL
QUALIFICATIONS**

MICHAEL R. BERNSTEIN

TECHNICAL MANAGER

EDUCATION Bachelor of Arts, Geography (1982)
Glassboro State College (Rowan University)
Glassboro, New Jersey
Recipient, *Glassboro State College Paper Competition Award*,
Scholarship for 1980-81

CERTIFICATIONS USEPA AHERA Asbestos Building Inspector
Pennsylvania Asbestos Building Inspector
City of Philadelphia Asbestos Investigator
California Registered Environmental Assessor I

SUMMARY OF QUALIFICATIONS

Mr. Bernstein has 22 years' experience in civil engineering and environmental consulting, including 17 years managing and conducting Phase I and Phase II Environmental Assessments. He has conducted Phase I Environmental Assessments of industrial, commercial, institutional, military, and residential properties in 26 states plus Mexico, Canada, and Germany. Mr. Bernstein is the author of more than 20 technical and non-technical periodical articles pertaining to geology, industrial and maritime history, and archeology. He is a member of the Society for Industrial Archeology and the Nautical Research Guild.

REPRESENTATIVE PROJECT EXPERIENCE

Military and Civilian Airports

Historical research and observations of facilities located at the Air Force Flight Test Center – Edwards Air Force Base, California, and the Civilian Flight Test Center – Mojave Airport, California, to identify features and conditions of potential environmental concern prior to a contractor's departure from the facilities.

Phase I Environmental Assessment and historical research of a redeveloped portion of the former Greenwood Army Airfield in Greenwood, Mississippi. The subject property had been occupied by aboveground storage tanks and vehicle maintenance/fueling facilities during World War II.

Maritime Operations

Phase I and Phase II Environmental Assessment activities at a closed tanker shipyard located on the Delaware River in Chester, Pennsylvania, in preparation for partial reactivation of the facility.

Phase I Environmental Assessments of two finger piers and a container terminal located on the Delaware River in Philadelphia, Pennsylvania, in preparation for the arrival of a new facility operator.

Heavy Industrial Properties

Pre-acquisition Phase I Environmental Assessment of an active coke battery located on Neville Island in the Ohio River near Pittsburgh, Pennsylvania.

Pre-divestiture Phase I Environmental Assessment of active foundry and forge facilities located in Anniston, Alabama, which manufactured parts for armored military vehicles.

Phase I Environmental Assessment of a closed transformer manufacturing plant located in Hickory, North Carolina, to evaluate possible options for re-use/re-development of the property.

Institutional Properties

Phase I Environmental Assessments of specialty hospitals and nursing/retirement centers located in Massachusetts, New York, Pennsylvania, Kentucky, Delaware, and New Jersey.

Commercial Properties

Phase I Environmental Assessments of automobile and truck dealership/maintenance facilities located in New Jersey, Pennsylvania, New Hampshire, California, Texas, Kentucky, and New York.

Light Industrial Properties

Pre-acquisition Phase I Environmental Assessments of aircraft-parts manufacturing plants located in Wichita, Kansas, and Hayward, California.

Pre-divestiture Phase I Environmental Assessments of paper-products manufacturing plants located in Pittsburgh, Pennsylvania; Newark, Ohio; and Grafton, West Virginia.

Power Generating Stations

Phase I Environmental Assessments of three oil-, gas-, and coal-fired electric generating stations located on the Delaware and Schuylkill Rivers in Philadelphia, Pennsylvania, and in Hartford, Connecticut.

Asbestos Building Surveys

AHERA-standard asbestos building surveys of major telecommunications facilities located in Wayne and Philadelphia, Pennsylvania.

PUBLICATIONS

Bernstein, Michael R., 2007, *Pennsylvania shipyards redevelopment and reprieve*, Society for Industrial Archeology Newsletter, Vol. 36, No. 1, pp. 1-3 and 7

Bernstein, Michael R., 2006, *Fame, failure, and the disappearance of Hog Island shipyard*, Nautical Research Journal, Vol. 51, No. 1, pp. 1-10

Bernstein, Michael R., 2005, *Drawings verify concerns during environmental assessment*, Society for Industrial Archeology Newsletter, Vol. 34, No. 4, pp. 6-7

Bernstein, Michael R., 2005, *On the job for victory: news publications of the Emergency Fleet Corporation, 1918-1919*. Nautical Research Journal, Vol. 50, No. 1, pp. 14-23

Bernstein, Michael R., 2001, *Documenting a WWI shipyard*. Society for Industrial Archeology Newsletter, Vol. 30, No. 1, p. 12

Bernstein, Michael R., 2000, *Phantom shipyard on the Delaware*. Nautical Research Journal, Vol. 45, No. 3, pp. 166-168

Bernstein, Michael R., 2000, *Bagging WWI artillery powder at Tullytown*. Pennsylvania Magazine, Vol. 23, No. 5, pp. 34-35

Bernstein, Michael R., 1999, *Fabricated ship construction at Bristol, Pennsylvania, 1917-1921*. Nautical Research Journal, Vol. 44, No. 3, pp. 139-150

Bernstein, Michael R., 1998, *Building ships at Bristol for The Great War*. Pennsylvania Magazine, Vol. 21, No. 2, pp. 26-28

Bernstein, Michael R., 1993, *The rise and set of the Sun Shipbuilding & Dry Dock Company*. Nautical Research Journal, Vol. 38, No. 2, pp. 88-97 (Part One), Vol. 38, No. 3, pp. 140-154 (Part Two)

Bernstein, Michael R., 1992, *Then and now: the William Cramp & Sons shipyard in World War I and the site today*. Nautical Research Journal, Vol. 37, No. 2, pp. 44-57

Bernstein, Michael R., 1988, *Local invertebrate assemblages in the Upper Cretaceous Marshalltown Formation along the valley of Oldmans Creek in southern New Jersey*. Northeastern Geology, Vol. 10, No. 3, pp. 205-215

Bernstein, Michael R., 1987, *Paleontologic and biostratigraphic survey of the Vincentown Formation (Paleocene) along the valley of Big Timber Creek in southern New Jersey*. Northeastern Geology, Vol. 9, No. 3, pp. 133-144

Bernstein, Michael R., 1986, *Taxonomic and stratigraphic interpretation of exogyrine oysters (Exogyra, Amphidonte) in the Upper Cretaceous Woodbury Formation in southern New Jersey*. Northeastern Geology, Vol. 8, Nos. 1-2, pp. 4-12

Bernstein, Michael R., 1984, *Fossiliferous sandstone at Fairton, Cumberland County: local biostratigraphy and lithostratigraphy in the Miocene of southern New Jersey*. Northeastern Geology, Vol. 6, No. 3, pp. 174-178

Bernstein, Michael R., 1984, *Drainage pattern asymmetry related to microclimatic phenomena and axial valley gradient, Oldmans Creek, southern New Jersey*. Northeastern Geology, Vol. 6, No. 1, pp. 44-50

TIM CLACKETT

REGIONAL MANAGER

EDUCATION Bachelors of Environmental Science and Geography
State University of New York at Buffalo
Buffalo, New York

ACCREDITATIONS
OSHA 40-hour HAZWOPER Training
USEPA-AHERA Certified Asbestos Inspector
OSHA Confined Space Entry Training
ACOE Wetlands Delineator Training

SUMMARY OF QUALIFICATIONS

Mr. Clackett has over five years experience performing Phase I Environmental Assessments, Phase II Subsurface Investigations, and Regulatory Compliance Audits for commercial, residential, industrial, and institutional real estate transactions throughout the United States and Canada. Mr. Clackett is experienced in landfill closure compliance in accordance with federal and state regulations. Mr. Clackett has performed wetland delineations in accordance with the Army Corps of Engineers 1987 Manual. Mr. Clackett has conducted carbon monoxide modeling for various road improvement projects. Mr. Clackett has developed and implemented air, water, and soil sampling and analysis plans for various hazardous waste sites. In addition, Mr. Clackett has also provided such services as acting as a liaison between regulatory agencies and clients and proposal development.

REPRESENTATIVE PROJECT EXPERIENCE

Vacant Land – Kings Park, NY

Mr. Clackett performed an environmental assessment for a vacant parcel of land located in Kings Park, NY adjacent to a previously closed landfill. The assessment included an evaluation of prior use of the property, the collection of soil gas samples in areas suspected of being impacted by the adjacent landfill, and review of previous reports for the landfill.

Compliance Audit – Town of North Hempstead, NY

Mr. Clackett performed a hazardous material storage compliance audit for properties owned by the Town of North Hempstead. The assessment included an evaluation of Underground Storage Tanks (UST), Aboveground Storage Tanks (AST) and hazardous material storage areas for compliance with applicable federal, state and local regulations.

Landfill Closures, Various Locations

Mr. Clackett has performed several landfill closure investigations in Long Island and Staten Island, NY. The closure investigations included the design of sampling plans, the collection of representative air, soil and water samples and the submittal of closure documents to satisfy state regulations. Mr. Clackett has also performed quality assurance inspections for construction activities related to landfill closures.

Wetland Delineation – Putnam County, NY

Mr. Clackett performed a wetland delineation for a proposed courthouse in Putnam County, NY. The wetland delineation included the identification of wetland vegetation and soils in accordance with the Army Corp of Engineers 1987 Wetland Delineation Manual.

Carbon Monoxide Survey – Route 25, Centereach, NY

Mr. Clackett has performed a carbon monoxide survey of a section of Route 25 located in Centereach, NY for the NYS Department of Transportation. The carbon monoxide survey included modeling of carbon monoxide concentrations at critical locations using the USEPA designated Cal3QHC model. Modeling results were used in the design phase for the rehabilitation of the state owned roadway.

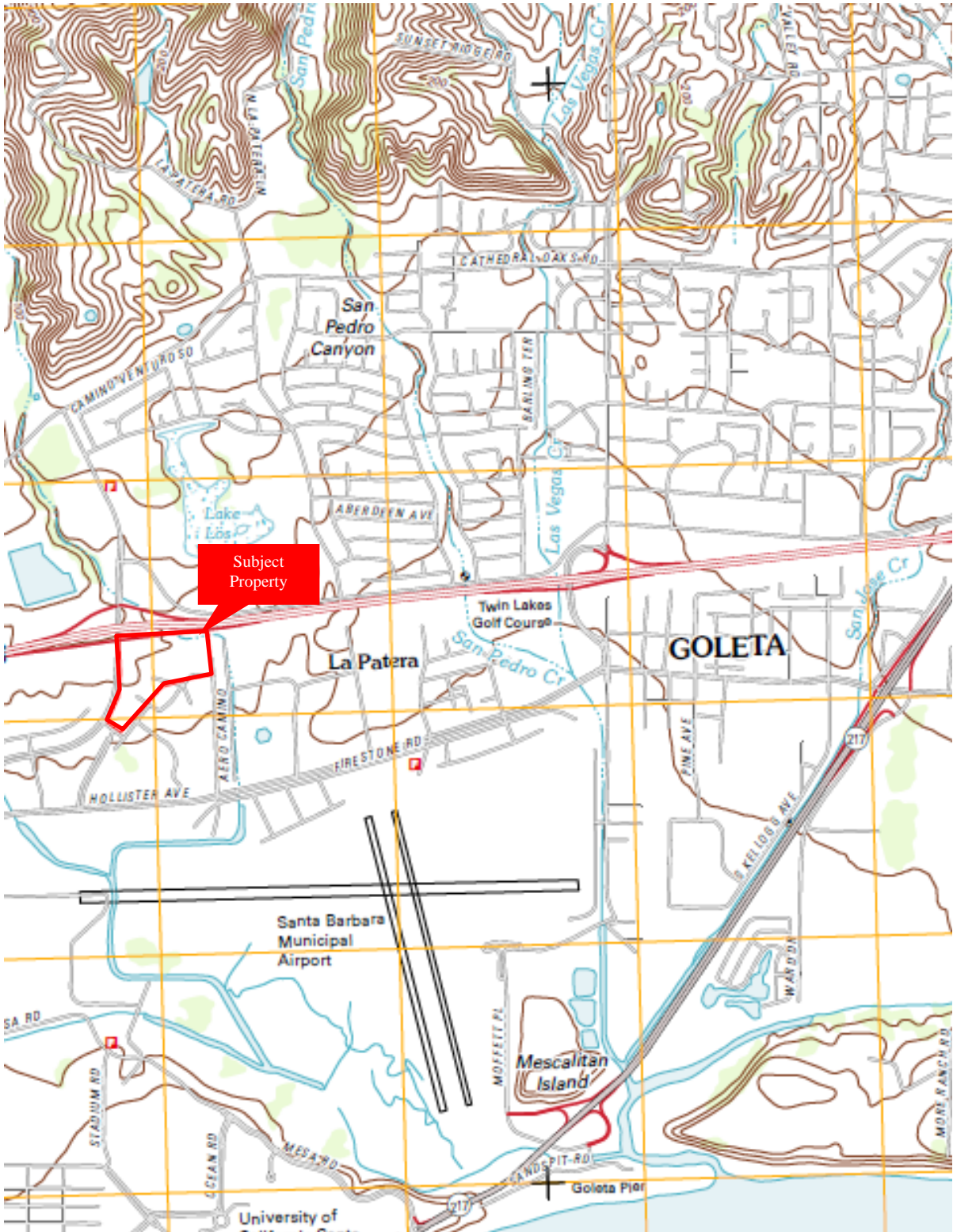
Other Project Experience

Mr. Clackett has overseen various monitoring well installations, soil gas surveys and underground soil probing projects. Based on the findings of the Phase II activities, Mr. Clackett has advised clients of remedial alternatives and provided cost estimations.

Mr. Clackett has performed many Phase I environmental due diligence evaluations of industrial, commercial, and residential properties for various lending institutions and private clients involving: historic research of property usage, bulk sampling for asbestos-containing materials and lead-based paint, radon and lead-in-drinking water, interpretation of environmental database reports, identification of potential contamination and liability based on research, interviews, field evaluation, and documentation through technical report writing.

APPENDIX A

FIGURES



US DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY 7.5' TOPOGRAPHIC QUADRANGLE



Property Solutions Inc.

Heritage Ridge Development
N.E. side of Los Carneros Road
Goleta, California

Project No.: 20143233



Topo Quad Name: Goleta, CA

Property Boundaries are Approximate



TAX MAP

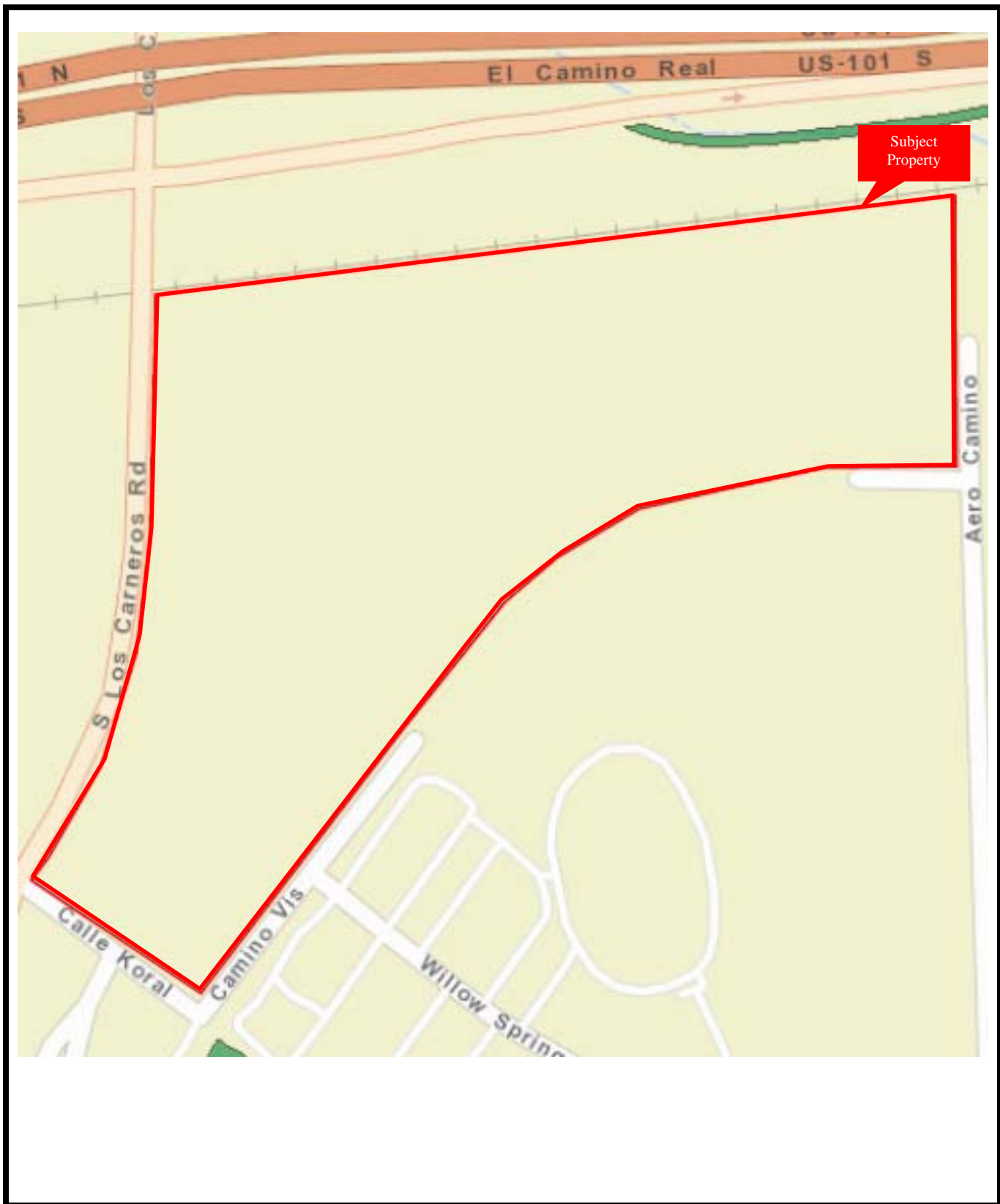


Property Solutions Inc.

Heritage Ridge Development
N.E. side of Los Carneros Road
Goleta, California

Project No.: 20143233





WETLAND MAP

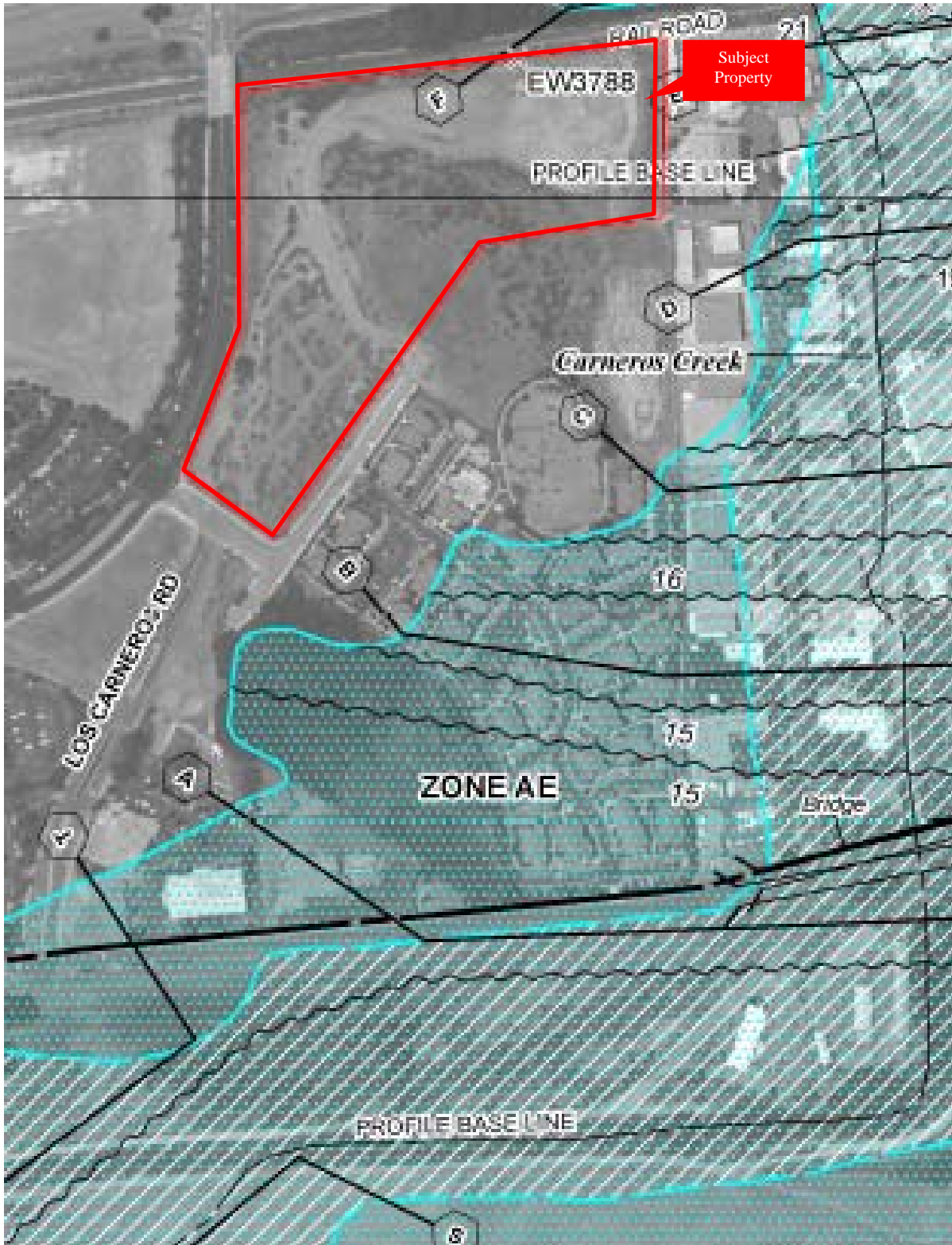


Property Solutions Inc.



Heritage Ridge Development
 N.E. side of Los Carneros Road
 Goleta, California

Project No.: 20143233

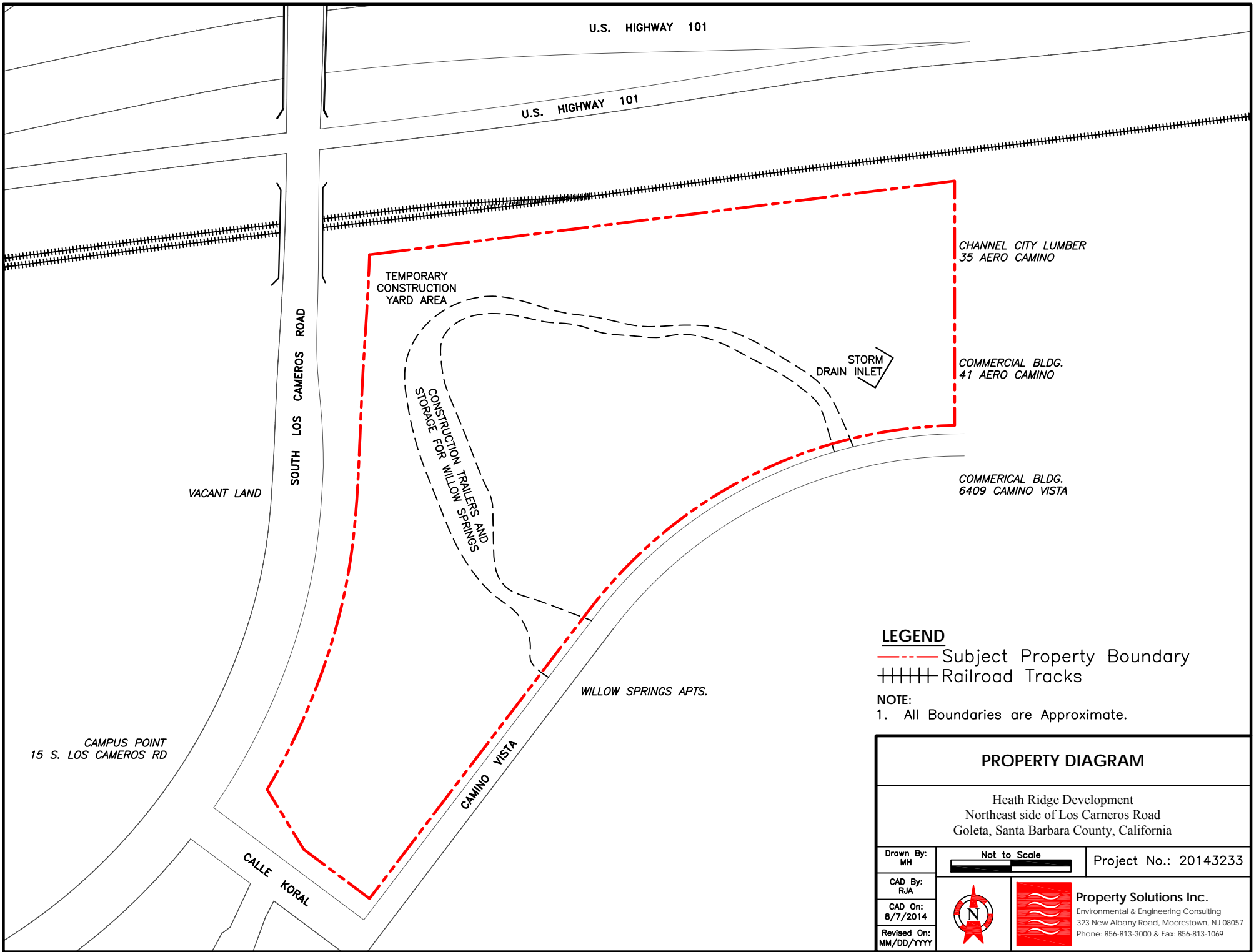




FLOOD INSURANCE RATE MAP

 <p>Property Solutions Inc.</p>	<p>Heritage Ridge Development N.E. side of Los Carneros Road Goleta, California</p>	<p>Project No.: 20143233</p>	
<p>Location: Santa Barbara County</p>	<p>Date: December 4, 2014</p>	<p>Community-Panel Number: 06083C1361G</p>	

APPENDIX B
PROPERTY DIAGRAM



U.S. HIGHWAY 101

U.S. HIGHWAY 101

CHANNEL CITY LUMBER
35 AERO CAMINO

COMMERCIAL BLDG.
41 AERO CAMINO

COMMERCIAL BLDG.
6409 CAMINO VISTA

TEMPORARY
CONSTRUCTION
YARD AREA

CONSTRUCTION TRAILERS AND
STORAGE FOR WILLOW SPRINGS

STORM
DRAIN INLET

VACANT LAND

SOUTH LOS CAMEROS ROAD

WILLOW SPRINGS APTS.

CAMPUS POINT
15 S. LOS CAMEROS RD

CAMINO VISTA

CALLE KORAL

LEGEND

- Subject Property Boundary
- ++++ Railroad Tracks

NOTE:

1. All Boundaries are Approximate.

PROPERTY DIAGRAM

Heath Ridge Development
Northeast side of Los Cameros Road
Goleta, Santa Barbara County, California

Drawn By:
MH

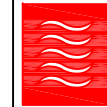
Not to Scale

Project No.: 20143233

CAD By:
RJA

CAD On:
8/7/2014

Revised On:
MM/DD/YYYY



Property Solutions Inc.
Environmental & Engineering Consulting
323 New Albany Road, Moorestown, NJ 08057
Phone: 856-813-3000 & Fax: 856-813-1069

APPENDIX C
PHOTOGRAPHS

PHOTO 1.

Subject property from the south



PHOTO 2.

Subject property's northern boundary from the northeast



PHOTO 3.

Subject property from the east edge



PHOTO 4.

Subject property from the southeast



PHOTO 5.

Subject property's eastern boundary from Camino Vista



PHOTO 6.

Northeastern half of the subject property from the south



PHOTO 7.

Subject property from the northwest



PHOTO 8.

Northwest corner of the subject property



PHOTO 9.

Center of the subject property from the northwest



PHOTO 10.

View of the subject property looking southwest from the northeast corner



PHOTO 11.

Northwest corner of the subject property



PHOTO 12.

Central property entrance from Camino Vista



PHOTO 13.

Temporary construction yard



PHOTO 14.

Diesel powered generator



PHOTO 15.

Straw waddle



PHOTO 16.

Stored paints



PHOTO 17.

Overpass construction site at northwest corner of the subject property



PHOTO 18.

Overpass construction site at northwest corner of the subject property



PHOTO 19.

Silt fencing and straw waddle around construction site



PHOTO 20.

Typical view of the southern half of the subject property



PHOTO 21.

Typical view of the southern half of the subject property



PHOTO 22.

Subject property from the center looking southeast



PHOTO 23.

South/southeast adjacent apartment complex



PHOTO 24.

South/southeast adjacent apartment complex



PHOTO 25.

Southeast adjacent property – 6409 Camino Vista



PHOTO 26.

East adjacent property – 41 Aero Camino



PHOTO 27.

East adjacent property – 35 Aero Camino



PHOTO 28.

View to the north of the subject property



PHOTO 29.

View to the northwest of the subject property



PHOTO 30.

View to the west of the subject property



PHOTO 31.

View to the southwest of the subject property



PHOTO 32.

South/southwest adjacent property



PHOTO 33.

View to the south of the subject property



APPENDIX D
USER CORRESPONDENCE



User Questionnaire

Please provide the following information, if available, before the property visit by Property Solutions. This information is required per the ASTM E 1527-13. If additional pages for response are necessary, please attach them to this form. Failure to provide this information could result in a determination that "All Appropriate Inquiry" is not complete.

Please sign your name and print your name and the date below. By signing you state that the information you provided herein is accurate to the best of your knowledge.

[Handwritten Signature]

Signature

8.11.14

Date

DEREK HANSEN

Print Name

Property Information		
Property Name Heritage Ridge		Property Identification (e.g. Block & Lot or Parcel ID #) 073-060-31 thru 43
Address N/A	City Goleta	State & Zip CA, 93117
User Completing Questionnaire		
Name & Title Linda Blackburn, Senior Project Analyst		Company The Towbes Group, Inc.
Address 21 E. Victoria St.	City Santa Barbara	State & Zip CA, 93101
Phone (805) 884-4222	Fax (805) 568-1412	
Cell phone (805) 698-2105	Email lblackbern@towbes.com	
Key Site Manager – As identified by User		
The key site manager should be a person with good knowledge of the uses and physical characteristics of the property, such as a property manager, building manager, the chief physical plant supervisor, or maintenance supervisor.		
Name & Title Derek Hansen - VP Dev. Const.		Company The Towbes Group Inc.
Address 201 East Victoria Suite 200	City Santa Barbara	State & Zip CA. 93101
Phone 805-962-2121	Fax 805-568-1412	
Cell phone 805-698-5242	Email Dhansen@towbes.com	
Current Property Owner		
Name & Title Michael Towbes, LLC, a California limited liability company By: Michael Towbes, Trustee of the Towbes 2002 Trust, U/A dated 1/14/02		Company
Address c/o The Towbes Gorup, Inc., 21 E. Victoria Street #200	City Santa Barbara	State & Zip CA, 93101
Phone (805) 962-2121	Fax	
Cell phone	Email	

Describe the reason the Phase I Environmental Assessment is being performed. **(Check one)**

- Finance
 Refinance
 Purchase
 Sale
 Other (specify) Entitlement

Known Environmental Concerns

1. Are you aware of any environmental cleanup liens, deed notices, or restrictions against the property that are filed or recorded under federal, tribal, state, or local law?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Are you aware of an Activity and Use Limitations that are in place at the property and/or that have been filed or recorded in a registry under federal, tribal, state, or local law? (If yes, check all that apply.)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
<input type="checkbox"/> Engineering Controls <input checked="" type="checkbox"/> Land Use Restrictions <input type="checkbox"/> Institutional Controls <input type="checkbox"/> Other (specify)		
3. Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have knowledge of the chemicals and processes used by this type of business? If yes, describe.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
4. Does this transaction include the purchase of the property?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Does the purchase price reflect a fair market value of the property?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
If there is a difference, have you (the user) considered whether the lower purchase price is because contamination is known or believed to be present at the property?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
5. Are you aware of commonly known or reasonably ascertainable information about the property that could identify conditions indicative of releases or treated releases?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Describe specific chemicals that are present or were once present at the property.	<input checked="" type="checkbox"/> Not applicable	
Describe known spills, chemical releases, or environmental cleanups which occurred at the property.	<input checked="" type="checkbox"/> Not applicable	
6. As the user, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property? If yes, describe.	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
7. Are you aware of the following environmental concerns at the property? (Check all that apply)	<input checked="" type="checkbox"/> None	
<input type="checkbox"/> Underground storage tanks <input type="checkbox"/> Dry cleaners <input type="checkbox"/> Asbestos <input type="checkbox"/> Other (specify)		

Current and Past Property Use

1. Has the property ever been used for any of the following operations? *(Check all that apply)* None
 Manufacturing operations Gasoline service station Automobile repair Dry cleaning

2. Describe property use/operations prior to the construction of the buildings currently at the property. Include chemicals previously stored at the property.

Vacant Land used for stockpile

3. Provide previous property owners, occupants, and/or operators. Attach pages as necessary.

Company	Owner/ Occupant/ Operator	Dates of occupancy	Operations	Contact name & number

EXISTING DOCUMENTATION



Does the following documentation exist? If yes, please provide copies.

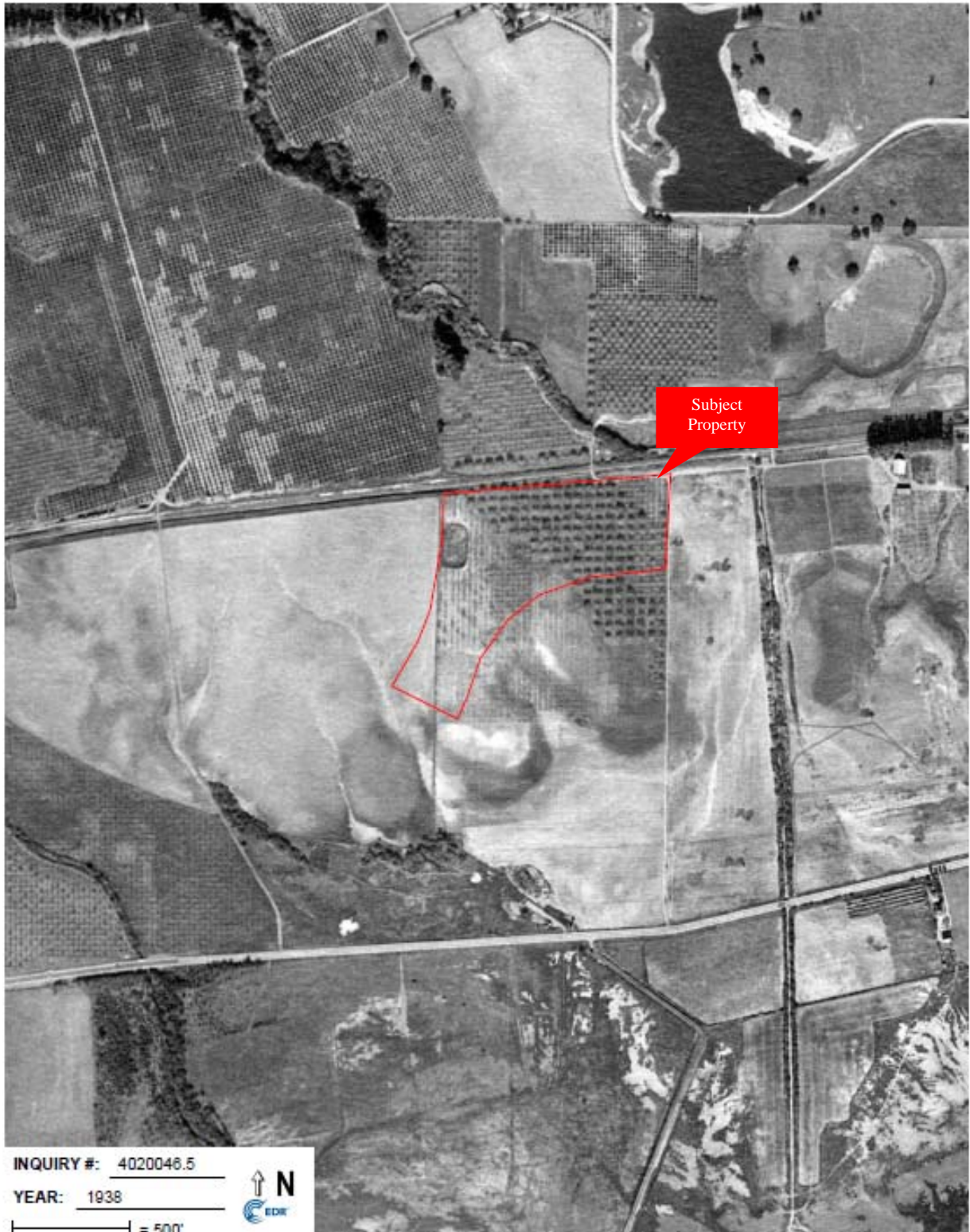
Yes	No	Do not know	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ESA Reports
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Env. Compliance Audit Reports
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Environmental Permits
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UST/AST registrations
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Underground injection permits
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MSDS
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hazardous waste generator notices
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Geotechnical studies
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Risk Assessments
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Community Right-to-know plan
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Safety Plans
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SPCC Plans
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergency preparedness & prevention plans
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hydrogeologic reports
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Government correspondence & violations
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Recorded AULs
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Environmental Liens
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other _____

APPENDIX E
AERIAL PHOTOGRAPHS



1928 AERIAL PHOTOGRAPH



 <p>Property Solutions Inc.</p>	<p>Heritage Ridge Development N.E. side of Los Carneros Road Goleta, California</p>	<p>Project No.: 20143233</p>	
<p>Aerial Company & Location: EDR, Shelton CT</p>		<p>Property Boundaries are Approximate</p>	



INQUIRY #: 4020046.5
 YEAR: 1938
 1" = 500'





1938 AERIAL PHOTOGRAPH

 <p>Property Solutions Inc.</p>	<p>Heritage Ridge Development N.E. side of Los Carneros Road Goleta, California</p>	<p>Project No.: 20143233</p>	
<p>Aerial Company & Location: EDR, Shelton CT</p>		<p>Property Boundaries are Approximate</p>	

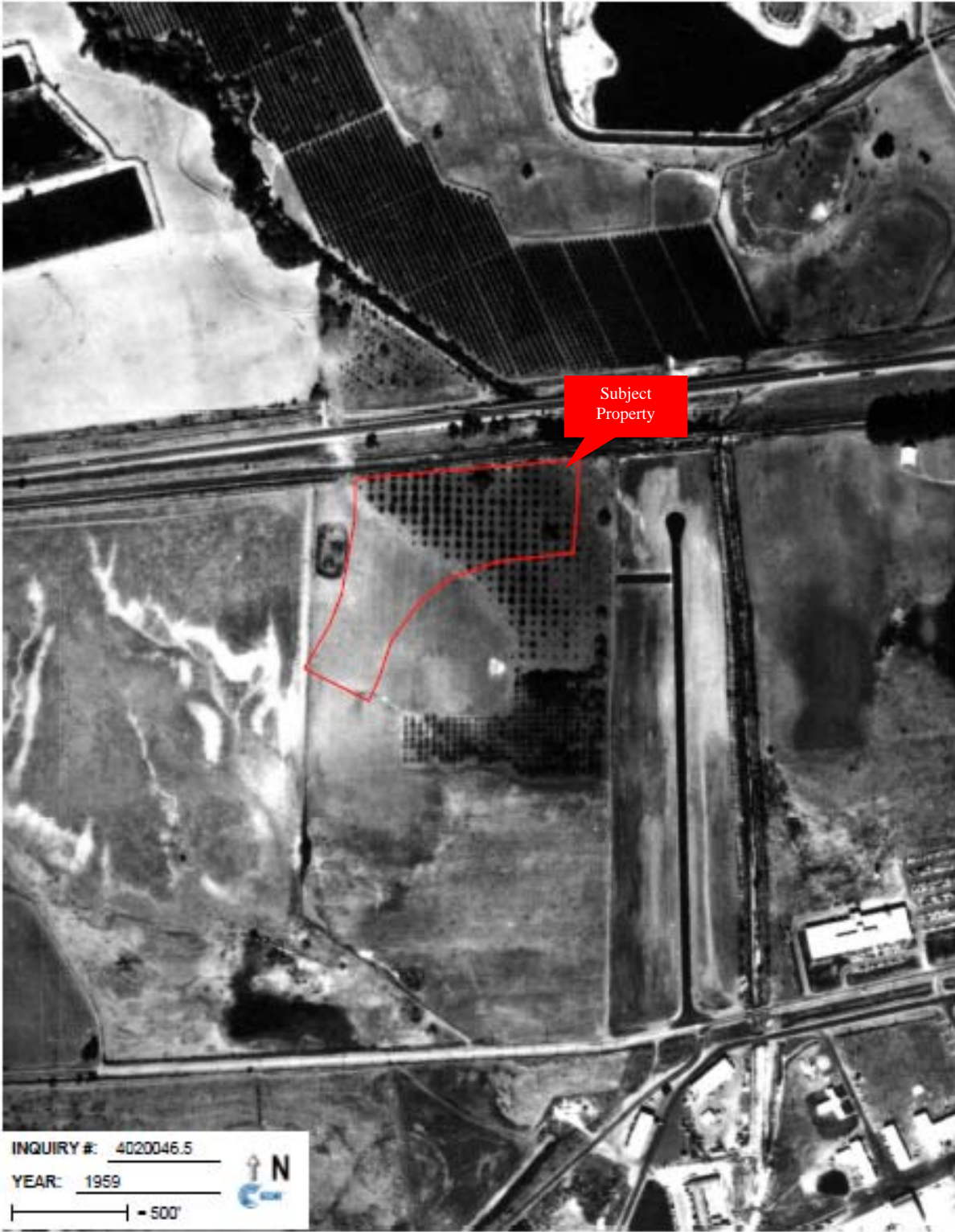


INQUIRY #: 4020046.5
 YEAR: 1947
 |-----| = 500'

1947 AERIAL PHOTOGRAPH



 <p>Property Solutions Inc.</p>	<p>Heritage Ridge Development N.E. side of Los Carneros Road Goleta, California</p>	<p>Project No.: 20143233</p>	
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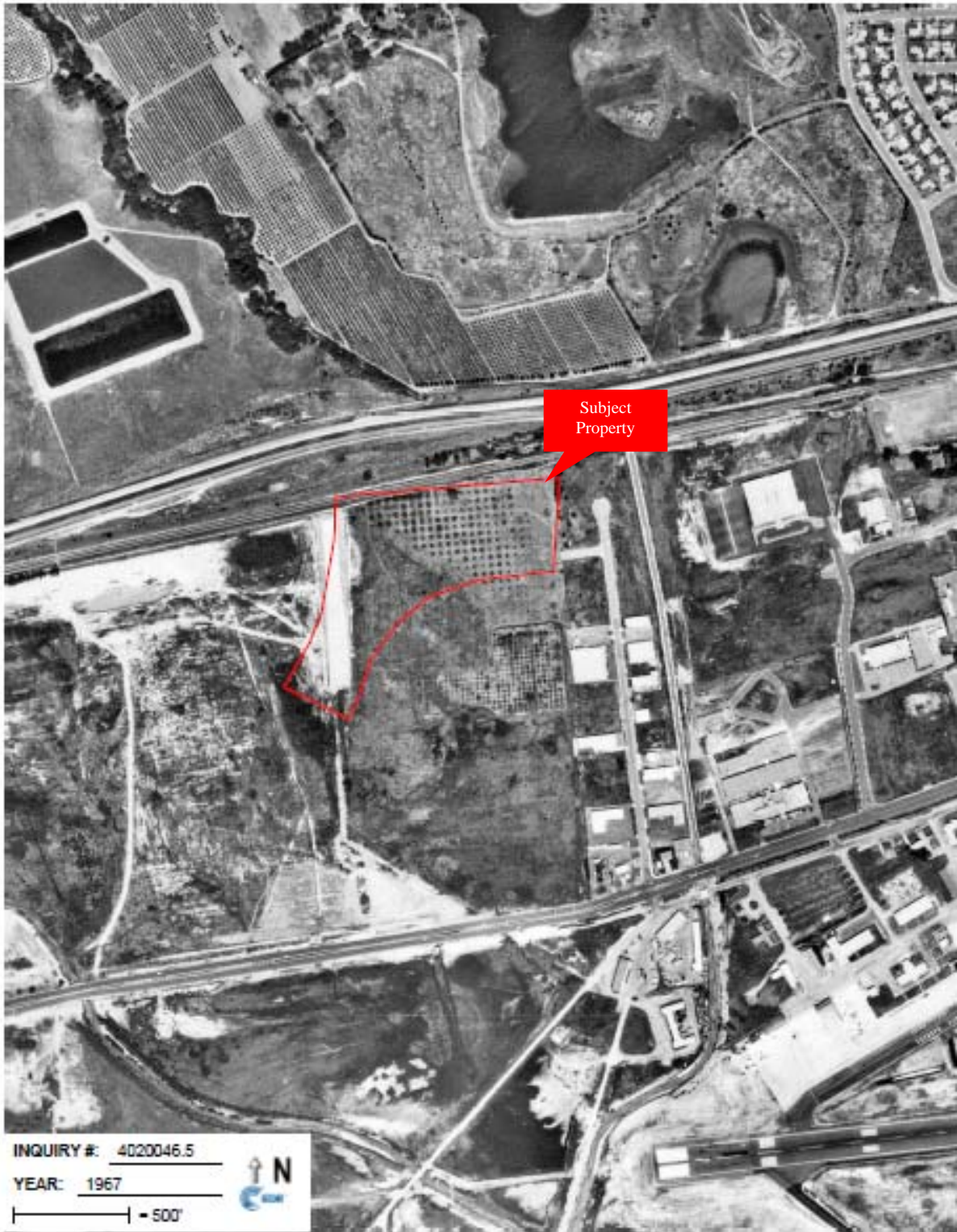
Aerial Company & Location: EDR, Shelton CT Property Boundaries are Approximate



INQUIRY #: 4020046.5
 YEAR: 1959
 |-----| = 500'



1959 AERIAL PHOTOGRAPH

 <p>Property Solutions Inc.</p>	<p>Heritage Ridge Development N.E. side of Los Carneros Road Goleta, California</p>	<p>Project No.: 20143233</p>	
<p>Aerial Company & Location: EDR, Shelton CT</p>		<p>Property Boundaries are Approximate</p>	



INQUIRY #: 4020046.5
 YEAR: 1967
 |-----| = 500'



1967 AERIAL PHOTOGRAPH

 <p>Property Solutions Inc.</p>	<p>Heritage Ridge Development N.E. side of Los Carneros Road Goleta, California</p>	<p>Project No.: 20143233</p>	
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Aerial Company & Location: EDR, Shelton CT Property Boundaries are Approximate



1973 AERIAL PHOTOGRAPH

 <p>Property Solutions Inc.</p>	<p>Heritage Ridge Development N.E. side of Los Carneros Road Goleta, California</p>	<p>Project No.: 20143233</p>	
<p>Aerial Company & Location: EDR, Shelton CT</p>		<p>Property Boundaries are Approximate</p>	



INQUIRY #: 4020046.5

YEAR: 1989

1" = 500'



1989 AERIAL PHOTOGRAPH



Property Solutions Inc.

Heritage Ridge Development
N.E. side of Los Carneros Road
Goleta, California

Project No.: 20143233





Aerial Company & Location: EDR, Shelton CT

Property Boundaries are Approximate



1994 AERIAL PHOTOGRAPH

 <p>Property Solutions Inc.</p>	<p>Heritage Ridge Development N.E. side of Los Carneros Road Goleta, California</p>	<p>Project No.: 20143233</p>	
<p>Aerial Company & Location: EDR, Shelton CT</p>		<p>Property Boundaries are Approximate</p>	



INQUIRY #: 4020046.5
 YEAR: 2005
 |-----| = 500'



2005 AERIAL PHOTOGRAPH



Property Solutions Inc.

Heritage Ridge Development
 N.E. side of Los Carneros Road
 Goleta, California

Project No.: 20143233



Aerial Company & Location: EDR, Shelton CT

Property Boundaries are Approximate



2009 AERIAL PHOTOGRAPH



Property Solutions Inc.

Heritage Ridge Development
 N.E. side of Los Carneros Road
 Goleta, California

Project No.: 20143233



Aerial Company & Location: EDR, Shelton CT

Property Boundaries are Approximate



INQUIRY #: 4020046.5
 YEAR: 2010
 |-----| = 500'



2010 AERIAL PHOTOGRAPH



Property Solutions Inc.

Heritage Ridge Development
 N.E. side of Los Carneros Road
 Goleta, California

Project No.: 20143233





Aerial Company & Location: EDR, Shelton CT

Property Boundaries are Approximate



INQUIRY #: 4020046.5
 YEAR: 2012
 |-----| = 500'

2012 AERIAL PHOTOGRAPH

 <p>Property Solutions Inc.</p>	<p>Heritage Ridge Development N.E. side of Los Carneros Road Goleta, California</p>	<p>Project No.: 20143233</p>	
<p>Aerial Company & Location: EDR, Shelton CT</p>		<p>Property Boundaries are Approximate</p>	

APPENDIX F
HISTORIC MAPS



Heritage Ridge

Los Carneros Road and Calle Koral
Goleta, CA 93117

Inquiry Number: 4020046.3

July 29, 2014

Certified Sanborn® Map Report



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
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Certified Sanborn® Map Report

7/29/14

Site Name:

Heritage Ridge
Los Carneros Road and Calle
Goleta, CA 93117

Client Name:

Property Solutions, Inc.
323 New Albany Road
Moorestown, NJ 08057



EDR Inquiry # 4020046.3

Contact: Rebecca Ludwig

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Certified Sanborn Results:

Site Name: Heritage Ridge
Address: Los Carneros Road and Calle Koral
City, State, Zip: Goleta, CA 93117
Cross Street:
P.O. # 20143233
Project: 20143233
Certification # EDD1-4AAB-8BE7



Sanborn® Library search results
Certification # EDD1-4AAB-8BE7

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- Library of Congress
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**APPENDIX G
PREVIOUS REPORTS
AND PLANS**



DAMES & MOORE

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**FINAL REPORT
PHASE I ENVIRONMENTAL
SITE ASSESSMENT**

**VACANT RESIDENTIAL PROPERTIES AT
6400 BLOCK OF HOLLISTER AVENUE
NORTHERN TRACTS
GOLETA, CALIFORNIA
FOR THE TOWBES GROUP, INC.**

**D&M JOB NO. 35284-002-139
APRIL 2, 1999**

FINAL PHASE I ENVIRONMENTAL SITE ASSESSMENT

SITE NAME **Vacant Residential Properties, Northern Tracts, 6400 Block of Hollister Avenue**
ADDRESS **Goleta, California**

EXECUTIVE SUMMARY

Dames & Moore conducted a Phase I Environmental Site Assessment (ESA) of the property referenced above (Site). Following is a summary of our findings based on Dames & Moore's proposal, dated March 19, 1999 and the American Society for Testing and Materials (ASTM) Standard Practice Designation E 1527-93. Clarifications and modifications are included in the Consultant Contract and Scope of Work provided by The Towbes Group, Inc. The property is currently owned by the Los Carneros Community Association, Inc., a California Limited Partnership. Dames & Moore acknowledges that The Towbes Group is relying on this report in consideration of acquiring or financing the Site.

Historical Review The historical data reviewed indicated that the Site has remained vacant and undeveloped, with some agricultural activity dating back to the 1930's or 1940's. In recent decades the Site has remained essentially vacant. Small ponds or stands of water appear to have been located on differing portions of the Site since the turn of the century. What appeared to be dirt roads have dissected the Site in different locations over this period of time. There is at least one inoperative water well currently on the Site, and numerous trenches are present as the result of past soil or ground investigation (possibly archaeological). Large piles of fill material are currently on the Site, as is evidence of rough grading with heavy machinery. Recognized Environmental Conditions (RECs) were not noted in the historical information reviewed.

Current Site Conditions The Site comprises approximately 21.1 acres of fenced, undeveloped vacant land. The Site is the northern portion of an approximate 44.4 acre parcel. The Site vicinity consists of developed light industrial land to the east and west, the railroad and highway to the north, and the Santa Barbara Airport to the south. RECs were not noted during the Site visit.

FINAL PHASE I ENVIRONMENTAL SITE ASSESSMENT

Agency Review

The Site address is not listed on the agency databases reviewed.

A review of the regulatory database search indicates that several listed facilities were identified within close proximity to or upgradient from the Site. Based on the regulatory status, distance, or direction from the Site, it is Dames & Moore's opinion that the potential for these facilities to create a REC at the Site is low.

This Executive Summary is not intended to be a "stand-alone" document, but a summary of our findings described in the following report. It is intended to be used in conjunction with the scope of services and limitations described therein.

FINAL PHASE I ENVIRONMENTAL SITE ASSESSMENT

1.0 INTRODUCTION

1.1 Purpose

The purpose of the Phase I ESA was to gather information regarding the subject property to evaluate whether features and conditions of potential environmental concern exist in association with the subject Site and the adjoining properties.

1.2 Scope of Services

The scope of work for this Phase I ESA is detailed in Dames & Moore's proposal dated March 19, 1999, and the Consultant Contract and Scope of Work documents provided by The Towbes Group. Based on the scope of services outlined in these documents, the ESA specifically did not include asbestos, radon gas, lead-based paint, lead in drinking water, soil, or groundwater testing. In addition, this ESA did not include a compliance audit or wetlands evaluation.

1.3 ASTM Standard

This report was prepared in general conformance with the American Society for Testing and Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM Standard E 1527-97). This standard defines a Recognized Environmental Condition (REC) as: "The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

2.0 SITE DESCRIPTION

2.1 Location

The Site is located on the north side of Hollister Avenue, west of Aero Camino, and a portion of the Site is adjacent to Los Carneros Road to the east (Figure 1). The Site vicinity consists primarily of: developed light industrial/commercial land to the east and west; the Southern Pacific Railroad tracks and Highway 101 to the north; the southern half of the entire parcel followed by the Santa Barbara Airport to the south.

FINAL PHASE I ENVIRONMENTAL SITE ASSESSMENT

2.2 Features/Use

The Site comprises approximately 21.1 acres of undeveloped, vacant land (the northern portion of an approximately 44.4 acre parcel). The Site consists of Assessor's Parcel Numbers (APN) 073-006-031 to 048, Tract Map Lots 1-18. Currently, the Site is not in use.

2.3 Adjoining Properties

Dames & Moore's observation of adjoining properties was limited to viewing features and conditions that were visible from public right-of-ways. The following observations were made.

- North: The Site is bounded by the Southern Pacific Railroad tracks right-of-way, followed by U.S. Highway 101.
- South: The Site is bounded by the southern portion of the 44.4 acre parcel, followed by Hollister Avenue and the Santa Barbara Airport.
- East: The Site is bounded by light industrial/commercial development. The backsides of numerous businesses located on the west side of Aero Camino run adjacent to the Site.
- West: The Site is bounded by light industrial/commercial development. Several businesses along Hollister Avenue and Los Carneros Road are adjacent to the Site.

Indications of possible use or storage of hazardous materials were noted in one observable area of the east adjacent properties during the Site visit, and some of the facilities in the vicinity were identified on the regulatory database report. These items are discussed in the Government Agency Information section.

Dames & Moore observed what appeared to be a drum storage area, and an adjacent work area vented by an electric apparatus at the rear exterior of Ames Waterjet Cutting (53 Aero Camino, see photo). There did not appear to be any obvious adverse environmental impacts associated with this area.

FINAL PHASE I ENVIRONMENTAL SITE ASSESSMENT

3.0 RECORDS REVIEW

3.1 GOVERNMENT AGENCY INFORMATION

3.1.1 DATABASE REVIEW AND AGENCY CONTACTS

Dames & Moore reviewed information gathered from several environmental databases through Environmental Data Resources (EDR) to evaluate whether activities on or near the subject property have the potential to create adverse environmental impacts on the subject property. EDR reviews databases compiled by Federal, State, and local government agencies. The complete list of databases is provided in Appendix B. It should be noted that this information is reported as Dames & Moore received it from EDR, which in turn reports information as it is provided in various government databases. It is not possible for either Dames & Moore or EDR to verify the accuracy or completeness of information contained in these databases. However, the use of and reliance on this information is a generally accepted practice in the conduct of environmental due diligence.

The Site is not listed on the databases reviewed.

Facilities noted adjacent to or within ¼ mile of the Site are discussed below.

Bergen Brunswick-Santa Barbara/Bergan Brunswick (A1 & A2) is located at 99 Aero Camino, 1/8 to ¼ mile east of the Site. This facility is listed with one registered 10,000-gallon unleaded gasoline UST. This facility is also listed as having a gasoline tank leak that was discovered during tank closure activities on September 12, 1988. The abatement methods reportedly consisted of excavation and treatment activities. The case was closed on May 15, 1989. Based on the regulatory status, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the Site is low.

Raytheon Co ESD (3) is located at 7 South Los Carneros Road, 1/8 to ¼ mile north-northwest of the Site. This facility is listed on the California Facility Index System (FINDS) and on the Resource Conservation and Recovery Information System (RCRIS). This facility is designated as a RCRIS small quantity generator. Wastes generated include chromium, lead, spent solvents, methyl ethyl ketone (MEK), and ignitable hazardous wastes. No violations were reported. Based on the regulatory status, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the Site is low.

Arrowhead Santa Barbara Branch (A4 & A5) is located at 122 Aero Camino, 1/8 to ¼ mile east-southeast of the Site. This facility is listed as having a 1,000-gallon gasoline UST. This facility is also listed as having a diesel tank leak that was discovered during tank closure activities on February 15, 1989. The abatement methods reportedly consisted of excavation and disposal activities. The case was closed on June 15, 1990. Based on the regulatory status, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the Site is low.

FINAL PHASE I ENVIRONMENTAL SITE ASSESSMENT

JS Graphix Inc. (A6) is located at 136 Aero Camino, 1/8 to 1/4 mile south-southeast of the Site. This facility is listed on FINDS and RCRIS. This facility is designated as a RCRIS small quantity generator. No violations were reported. Based on the regulatory status, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the Site is low.

Golden Coast Dairy (7,13,D18) is located at 6416 Hollister Avenue, 1/8 to 1/4 mile south-southeast of the Site. This facility is listed on the California Facility Inventory Database (Ca. FID), which contains historical listings of active and inactive UST locations. Further information is not provided. Also, this facility has one 10,000-gallon gasoline UST, and the facility is also listed with a gasoline tank leak. The leak was confirmed on May 23, 1990. The abatement methods reportedly consisted of excavation and disposal activities. The case is listed as closed as of November 8, 1990. Based on the approximate cross- to downgradient location from the Site, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the Site is low

Macaluso (B8) is located at 137 Aero Camino, 1/8 to 1/4 mile east-southeast of the Site. This facility is listed on the California Regional Water Quality Control Board (RWQCB) SLIC list, which records contaminated Sites that impact or have the potential to impact groundwater. Substances leaked associated with this facility include solvents, metals and benzene, toluene, ethylbenzene, and xylenes (BTEX). The leak is reportedly being confirmed. Further information regarding this facility has been requested from the RWQCB, however, a response has not yet been received. Dames & Moore will forward this information when it is available. Based on the approximate cross to downgradient location from the Site, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the Site is moderate.

Ridal Corp (9) is located at 57 Aero Camino, 1/8 to 1/4 mile east-northeast of the Site. This facility is listed on the California Hazardous Waste Information System (HAZNET) database, FINDS and RCRIS. This facility is designated as a RCRIS small quantity generator. No violations were reported. Based on the regulatory status, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the Site is low.

Superconductor Technologies Inc. (B10) is located at 150 Aero Camino, 1/8 to 1/4 mile east-southeast of the Site. This facility is listed on FINDS and RCRIS. This facility is designated as a small quantity generator. No violations were reported. Based on the regulatory status, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the Site is low.

An unnamed business (currently FedEx) (C11) is designated at 6466 Hollister Avenue, 1/8 to 1/4 mile south-southwest of the Site. This location is listed on the Hazardous Materials Information Reporting System (HMIRS), which records hazardous materials spills that were reported to the Department of Transportation. Further information is not provided. Based on the approximate cross- to downgradient location from the Site, it is

FINAL PHASE I ENVIRONMENTAL SITE ASSESSMENT

Dames & Moore's opinion that the potential for this facility to have created a REC at the Site is low.

Continental Baking Co. (B12) is located at 153 Aero Camino, 1/8 to 1/4 mile southeast of the Site. This facility is listed with a gasoline tank leak. The leak was confirmed on February 1, 1989. The abatement activities for soil consisted of excavation and disposal and for groundwater pump and treat methods were utilized. The case is listed as closed as of April 3, 1990. Based on the regulatory status and the approximate cross- to downgradient location from the Site, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the Site is low.

Chevron Station #9-4419 (C14, C15 & C16) is located at 6470 Hollister Avenue, approximately 1/4 mile southwest of the Site. This facility is listed with four registered USTs. Three of the tanks reportedly contain product and one reportedly contains waste. Two of the product USTs list 10,000-gallon capacities and the third product UST lists a 5,000-gallon capacity. The waste UST lists a 1,000-gallon capacity. The four tanks were installed in 1972. A gasoline tank leak is also on file for this facility. Chevron USA is noted as the responsible party and the leak was discovered on February 8, 1991. A preliminary Site assessment is underway. Reportedly, MTBE was detected during the investigation. The abatement method listed involves the installation of an impermeable layer to reduce rainfall infiltration and essentially cap the area. This facility is also listed on the Ca. FID, HAZNET, and CORTESE databases. Based on the approximate cross- to downgradient location from the Site, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the Site is low.

Santa Barbara Research Center (B17) is located at 163 Aero Camino, 1/8 to 1/4 mile southeast of the Site. This facility is listed on HAZNET, FINDS and RCRIS. This facility is designated as a RCRIS large quantity generator and a hazardous waste transporter. No violations were reported. Based on the regulatory status, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the Site is low.

Facilities identified within 1/4 and 1/2 mile upgradient of the Site are discussed below.

PS Medical (25) is located at 125 B Cremona Drive, 1/4 to 1/2 mile west-southwest of the Site. This facility is listed on HAZNET, FINDS and RCRIS. This facility is listed as a RCRIS small quantity generator. Violations are not reported. Based on the regulatory status and the distance from the Site, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the Site is low.

Los Carneros & Hollister Avenue (26) is located 1/4 to 1/2 mile southwest of the Site. This facility is listed on the Emergency Response Notification System (ERNS). Further information is not provided. Based on the distance from the Site, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the Site is low.

FINAL PHASE I ENVIRONMENTAL SITE ASSESSMENT

125 Cremona Drive (27) is located $\frac{1}{4}$ to $\frac{1}{2}$ mile west-southwest of the Site. This facility is listed on ERNS. Further information is not provided. Based on the distance from the Site, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the Site is low.

California Highway Patrol (G31 & G32) is located at 6465 Calle Real, $\frac{1}{4}$ to $\frac{1}{2}$ mile north of the Site. This facility is listed with one unleaded gasoline UST. The UST reportedly has a 12,000-gallon capacity and was installed in 1982. Leaks are not noted. This facility is also identified on Ca. FID. Based on the regulatory status and the distance from the Site, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the Site is low.

Central Coast Analytical Services of Santa Barbara (G34) was located at 6483 D Calle Real, $\frac{1}{4}$ to $\frac{1}{2}$ mile north of the Site. This facility is listed on FINDS and RCRIS. This facility is identified as a RCRIS small quantity generator. Violations are not reported. Based on the regulatory status and the distance from the Site, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the Site is low.

Viscarras Refinishing (35) is located at 6489 Calle Real, Suite F, $\frac{1}{4}$ to $\frac{1}{2}$ mile north of the Site. This facility is listed on FINDS and RCRIS. This facility is identified as a RCRIS small quantity generator. Violations are not reported. Based on the regulatory status and the distance from the Site, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the Site is low.

FAA Santa Barbara Airport RTR (38) is located at 6551 Hollister Avenue, $\frac{1}{4}$ to $\frac{1}{2}$ mile south-southwest of the Site. This facility is identified on Ca. FID as an active UST location. Further information is not provided. Based on the downgradient location and the distance from the Site, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the Site is low.

Facilities identified between $\frac{1}{2}$ and one-mile upgradient of the Site are discussed below.

Moseley Associates, Inc. (50) is located at 111 Castilian Drive, $\frac{1}{2}$ to one-mile west of the Site. This facility is listed on the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) CalSites database. The status is listed as, "no further action for DTSC," as of October 12, 1994. Based on the regulatory status and the distance from the Site, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the Site is low.

Those addresses listed as unmappable/orphan facilities were not observed to be within $\frac{1}{4}$ mile of the Site during the drive-by survey of vicinity properties at the time of the Site visit.

FINAL PHASE I ENVIRONMENTAL SITE ASSESSMENT

3.1.2 AGENCY CONTACTS

Santa Barbara County Fire Department – Protective Services Division (SBCFD) - Dames & Moore spoke with Ms. Dorothy Christmas (file review secretary) of the Protective Services Division. Based on phone conversations and a review of available lists (the listing of Site Mitigation Cleanup Sites and Listing of Underground Tank Cleanup Sites), no file or file information currently exists for the Site.

Santa Barbara County Air Pollution Control District (APCD) – Dames & Moore spoke with Ms. Paula Iorio (air quality specialist). Because no street addresses have been assigned to the Tract Lots, no records or file information currently exists for the Site.

Santa Barbara County Agricultural Commissioner's Office (SBCACO) - Dames & Moore spoke with Mr. Dave Chang (supervising agricultural biologist). Mr. Chang indicated that no records or file information currently exist for the site. Agricultural activities occurred at the site in the 1930's and 1940's, and the SBCACO has only been maintaining records for approximately five years. However, it is unlikely that any chemicals used at that time would constitute a REC at the site.

Regional Water Quality Control Board (RWQCB) – Dames & Moore has contacted Mr. Richard Alschire at the RWQCB for further information regarding the Macaluso facility at 137 Aero Camino, however, a response has not yet been received. Dames & Moore will forward any pertinent information when it is available.

3.2 PHYSICAL CHARACTERISTICS

3.2.1 TOPOGRAPHY

According to the USGS 7.5 minute topographic quadrangle map (Goleta, California quadrangle), the subject Site lies at an approximate elevation of 10 feet above mean sea level. The surface topography at the Site is slightly hilly, but generally trends to the south-southwest.

3.2.2 GEOLOGY/SOILS

The subject property is located in the Goleta Valley on a gently south-sloping coastal plain formed by deposition from streams flowing out of the Santa Ynez Mountains to the north. The geology in the vicinity of the Site consists of south dipping Tertiary marine and non-marine sedimentary rock units that make up the Santa Ynez Range. These units are slightly folded under the Goleta area and are unconformably overlain by the nearly flat lying, Quaternary age, Santa Barbara Formation. The Santa Barbara Formation is overlain by recent alluvial deposits, which directly underlie the Site.

FINAL PHASE I ENVIRONMENTAL SITE ASSESSMENT

3.2.3 AREA HYDROGEOLOGY

The nearest surface water is Los Carneros Creek, a small intermittent stream located approximately 500 feet east of the Site. The Santa Barbara Channel is located approximately 1¼ mile south of the Site. The Site is located within the Goleta Groundwater Basin, which is bounded by Modoc Road on the east, the west end of Hollister Avenue to the west, the Santa Ynez Foothills to the north and the Santa Barbara Channel to the south. According to the Goleta Water District, domestic wells in the vicinity produce water from a depth of 60 to 120 feet below ground surface (bgs). Based on data generated by Dames & Moore for nearby properties, first groundwater is encountered at approximately 10 feet or less below grade. Groundwater flow direction in the vicinity of the Site is to the south-southeast.

3.2.4 OIL AND GAS WELLS

The 1994 Munger Map Book of California and Alaskan Oil Fields was reviewed for information regarding the subject property. One uncompleted abandoned oil well appears to be located approximately 1,300 feet east of the Site. The well was reportedly advanced to 3,300 feet bgs in 1954.

3.2.5 WETLANDS

Dames & Moore reviewed the National Wetlands Inventory Map with coverage of the subject property. Designated wetlands and other waters under the jurisdiction of the Army Corps of Engineers do not occur on the subject property. A portion of the southern adjacent tract is considered a designated wetlands area.

3.3 SITE HISTORY INFORMATION

3.3.1 AERIAL PHOTOGRAPHS AND TOPOGRAPHIC MAPS

Dames & Moore's understanding of the subject property's history is based on our review of aerial photographs, topographic maps, interviews and other documents that were readily available. A chronological summary of this information is provided below.

- | | |
|------|---|
| 1903 | The 1903 topographic map shows the Site depicted as vacant land. The Southern Pacific Railroad tracks are shown adjacent to the north of the Site, with vacant land and a creek beyond. A wetland area (the Goleta slough) is shown extending up to the southern portion of the site. Areas adjacent to the east and west of the Site appear to be vacant land. A road was noted approximately 900 feet south of the Site, in the present day location of Hollister Avenue. |
| 1938 | In the 1938 aerial photograph, the Site appears to be orchard and agricultural land. A small pond appears to be located in the northwestern portion of the Site. The wetland area previously observed on the 1903 topographic map, |

FINAL PHASE I ENVIRONMENTAL SITE ASSESSMENT

adjacent to the south of the Site, has shrunk back to south of Hollister Avenue. The area adjacent to the west appears to be vacant land. A north-south trending linear feature, possibly an unpaved road, was noted dissecting the area adjacent to the east of the Site. The area adjacent to the north of the Site appears essentially the same as shown on the 1903 topographic map. Los Carneros Creek (a linear feature) was noted approximately 500 feet east of the Site. A reservoir was noted approximately 1,200 feet north-northeast of the Site, in the present day location of Lake Los Carneros. Features, which appear to be a farmhouse and associated agricultural structures, were observed approximately 1,800 feet east of the Site.

- 1947 In the 1947 aerial photograph, about half of the Site appears to be an orchard, and half is vacant land. The small pond previously described in the northwestern portion of the Site is still visible. Several north-south trending linear features, possibly unpaved roads, were noted dissecting the area adjacent to the east of the Site. Southern Pacific Railroad tracks are visible to the north of the Site, with a strip of vacant land and U.S. Highway 101 beyond. The area adjacent to the south of the Site appears to be vacant land. A creek was noted approximately 800 feet south of the southwest corner of the Site. Santa Barbara Airport was visible approximately 1,500 feet southeast of the Site. Other previously described areas have remained essentially unchanged.
- 1950's The 1950 topographic map and the 1959 aerial photograph show the Site essentially unchanged. Several reservoirs were noted to the north of the Site, beyond Highway 101. The area adjacent to the east of the Site appears to be vacant graded land, with an new paved road, in the present day location of Aero Camino. The area adjacent to the west of the Site appears to be vacant land. Commercial/industrial type structures were noted approximately 700 feet east of the Site
- 1967 The 1967 topographic map shows the Site essentially unchanged. In the 1967 aerial photograph, a dirt road was noted extending in an east-west trending direction in the southern portion of the Site. Commercial/industrial type structures are located adjacent to the east of the Site along Aero Camino. Los Carneros Road and a bridge over U.S. Highway 101 were noted adjacent to the west of the Site. The area adjacent to the west of the Site, beyond Los Carneros Road, appears to be dissected by dirt roads. A small reservoir was visible approximately 700 feet east-southeast of the Site. A new commercial/industrial type structure and parking lot are located approximately 700 feet south of the southwest corner of the Site. A large pond is noted approximately 900 feet northeast of the Site, downgradient of Lake Los Carneros, beyond Highway 101. The topographic map depicts commercial/industrial type structures approximately ½ mile west-southwest of the Site.

FINAL PHASE I ENVIRONMENTAL SITE ASSESSMENT

1977 The 1977 aerial photograph shows the Site and adjacent areas essentially unchanged, except for the addition of more commercial/industrial type structures adjacent to the east of the Site. More commercial/industrial type structures were also noted to the south of the Site. Development has continued within the Site vicinity.

1980's The 1982 and 1988 topographic maps show the Site essentially unchanged. More commercial/industrial type structures are noted adjacent to the east of the Site. More commercial/industrial type structures were also noted to the south of the Site.

In the 1989 aerial photograph the Site appears to be primarily vacant land, with a possible area of shallow, standing water noted in the northeastern portion of the Site. Dirt roads appear to dissect the southern portion of the Site and extend along the northern and eastern edges of the Site. The area adjacent to the south of the Site appears to be vacant land. The area adjacent to the west of the Site, beyond Los Carneros Road, appears to be graded for development. Commercial/industrial type structures were noted southwest of the Site, beyond Los Carneros Road and to the north of the Site, beyond Highway 101.

1994 The 1994 aerial photograph shows the Site essentially unchanged. The area of shallow, standing water noted in the northeastern portion of the Site is no longer present. Commercial/industrial type structures were noted approximately 500 feet west of the Site, beyond Los Carneros Road. The configuration of Los Carneros Road has changed to the southwest of the site.

3.3.2 SANBORN MAPS

No Sanborn Map coverage was available for the Site

3.3.3 INTERVIEWS

Mr. Douglas Deaver, Chief Financial Officer for The Towbes Group, was interviewed and provided Site information. Mr. Deaver was not aware of hazardous materials violations, injunctions or corrective actions associated with the Site.

3.3.4 PREVIOUS DOCUMENTS

Previous documents regarding the Site were not provided for review.

FINAL PHASE I ENVIRONMENTAL SITE ASSESSMENT

3.3.5 OTHER ENVIRONMENTAL ISSUES

Based on the scope of services outlined in these documents, the ESA specifically did not include asbestos, radon gas, lead-based paint, lead in drinking water, soil, or groundwater testing. In addition, this ESA did not include a compliance audit or wetlands evaluation.

4.0 SITE RECONNAISSANCE

Mr. Douglas Hahn of Dames & Moore conducted a reconnaissance of the subject property on March 30, 1999. The Site visit consisted of a walking tour of the subject property. Site photographs are provided in Appendix A. Our observations are noted below.

The Site consists of approximately 21.1 acres of undeveloped vacant land. No structures are located on the Site.

4.1 Hazardous Materials or Wastes

Use or storage of hazardous or regulated substances or wastes was not observed on the Site.

4.2 Solid Waste

Trash, including 30-40 old tires, a portable toilet, miscellaneous PVC piping and a five gallon container of apparent waste oil were observed in one concentrated area of the large fill pile on the southeast corner of the Site. Approximately 20 additional old tires were observed scattered throughout the fill pile. Two discarded automotive rear axle housings and a portion of a car frame were observed on the Site. A 15-foot long by 2-foot diameter section of discarded cement pipe (possibly asbestos-containing Transite) was observed on the western side of the Site adjacent to Los Carneros Road. The source of these debris items is not known.

4.3 Wastewater

Wastewater is reportedly not generated on the Site. Three sewer manhole covers were noted along the eastern portion of the Site.

4.4 ASTs

No aboveground storage tanks (ASTs) were observed or reported to be present on the Site.

4.5 USTs

Evidence of underground storage tanks (USTs) was not observed on the Site. USTs are reportedly not located on the Site.

4.6 Drums

None observed or reported.

FINAL PHASE I ENVIRONMENTAL SITE ASSESSMENT

4.7 Drains, Sumps, or Clarifiers

A corrugated metal stormwater outfall pipe was noted on the western portion of the Site on the slope leading up to Los Carneros Road. Water was not noted in or downstream from the pipe at the time of the site reconnaissance.

4.8 Discolored Pavement or Soil

Discolored soil was not observed or reported. No paved areas were observed on the subject property.

4.9 Pits, Ponds, or Lagoons

Several small areas of standing water and/or wet ground were observed on the Site. These appeared to be the result of recent rainfall.

4.10 PCBs

Equipment that may have PCB-containing fluids was not observed during the site reconnaissance. Approximately 16 pole-mounted transformers were observed on utility poles running along the eastern boundary of the Site.

4.11 Wells

One recently installed water well (currently inoperative) was observed fitted with PVC piping, with at least two visible vertical piping runs branching off to the southeast and southwest of the Site, leading eventually to the southern section of the property. An older, large vertical cement conduit in the southeast area of the Site is installed into the ground. This may be a remnant of past agricultural activities.

5.0 FINDINGS AND CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-97 for the Vacant Residential Properties (northern portion) located in the 6400 block of Hollister Avenue, Goleta, California. Any exceptions to, or deletions from, this practice are described in the body of this report. This assessment has not revealed evidence of Recognized Environmental Conditions in association with the property.

6.0 LIMITATIONS

The conclusions presented in this report are professional opinions based solely upon indicated data described in this report, visual observations of the Site and vicinity, and our interpretation of the available historical information and documents reviewed, as described in this report. They are intended exclusively for the purpose outlined herein and the Site locations and project indicated.

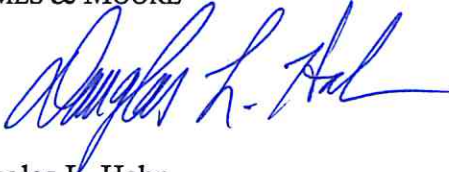
FINAL PHASE I ENVIRONMENTAL SITE ASSESSMENT

It should be recognized that this study was not intended to be a definitive investigation of contamination at the subject property and the conclusions provided are not necessarily inclusive of all the possible conditions. Given that the scope of services for this investigation was limited and that exploratory borings, soil and/or groundwater sampling or analytical testing were not undertaken, it is possible that currently unrecognized subsurface contamination may exist at the Site. Dames & Moore makes no representations regarding the value or marketability of the Site or the suitability for any particular use, and none should be inferred based on this report.

Opinions and recommendations presented herein apply to the Site conditions existing at the time of our investigations and cannot necessarily apply to Site changes of which Dames & Moore is not aware and has not had the opportunity to evaluate. Changes in the conditions of this property may occur with time due to natural processes or the works of man on the subject Site or adjacent properties. Changes in applicable standards may also occur as a result of legislation or the broadening of knowledge. Accordingly, the findings of this report may be invalidated, wholly or in part, by changes beyond our control.

This report was prepared by:

DAMES & MOORE



Douglas L. Hahn
Senior Environmental Scientist

Reviewed by:

DAMES & MOORE



Ms. Amalia Cross, R.G.
Senior Geologist

FINAL PHASE I ENVIRONMENTAL SITE ASSESSMENT

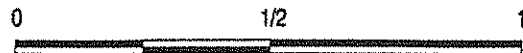
7.0 REFERENCES

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Figures



R 29 W R 28 W



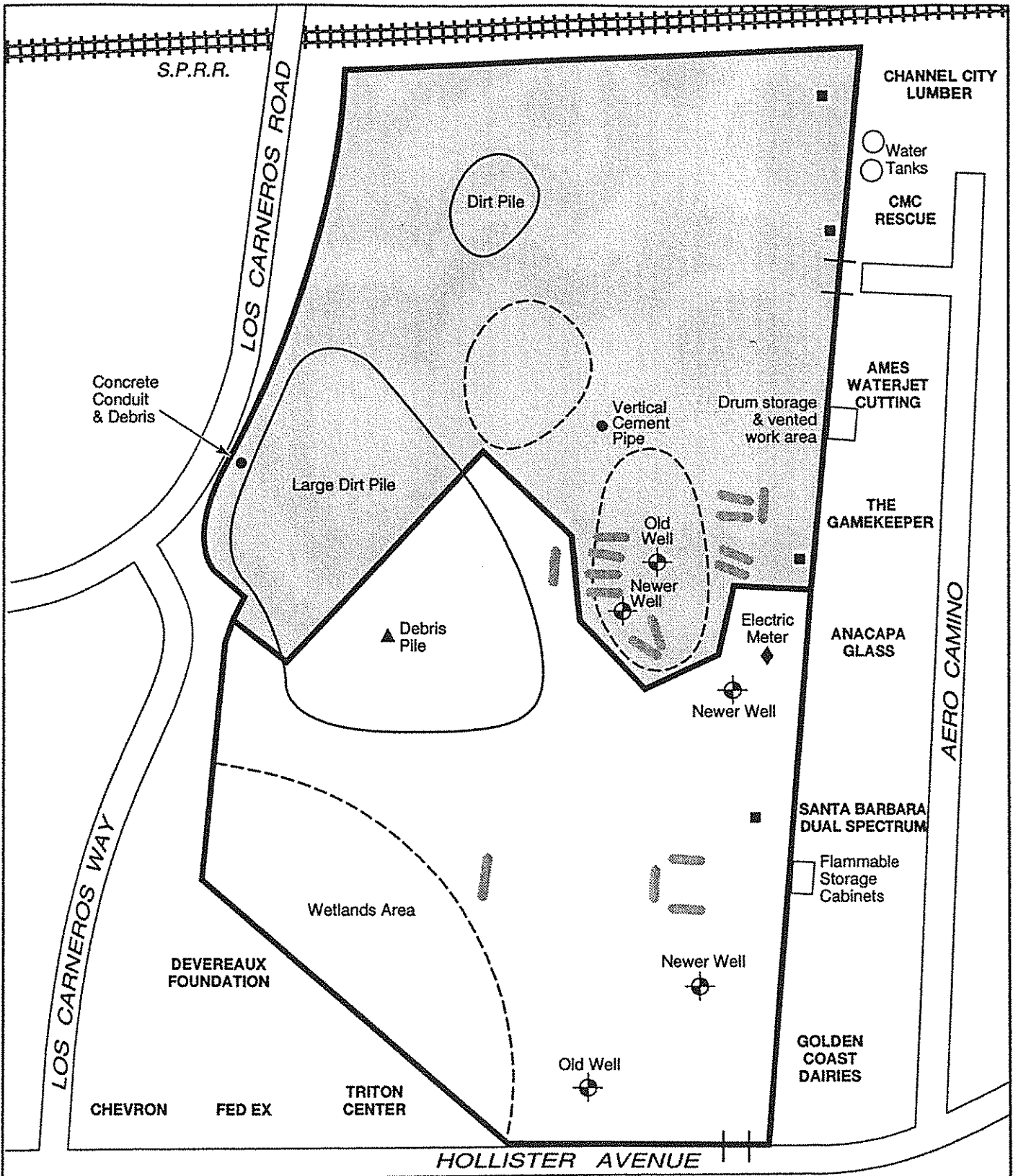
Scale in Miles
 Base Map: USGS 7.5' Topographic Quadrangle:
 Goleta, CA 1950 (Photorevised 1988)

FIGURE 1

SITE LOCATION MAP
The Towbes Group
 6400 Block of Hollister Ave.
 Goleta, California



DAMES & MOORE
 A DAMES & MOORE GROUP COMPANY




EXPLANATION

■	Sewer
▬▬▬	Trench
- - -	Fenced Areas

FIGURE 2

SITE VICINITY MAP
 The Towbes Group
 6400 Block of Hollister Ave.
 Goleta, California


DAMES & MOORE
A DAMES & MOORE GROUP COMPANY

TAB
appendix A

APPENDIX A
SITE PHOTOGRAPHS

SITE PHOTOGRAPHS
The Towbes Group



Photo 1. View of site looking south from northeast corner.



Photo 2. View of site looking east from northwest corner.

SITE PHOTOGRAPHS
The Towbes Group



Photo 3. Newer water well on south of site.



Photo 4. Vertical cement pipe south of site.

SITE PHOTOGRAPHS
The Towbes Group



Photo 5. Stored drums on east adjacent property.



Photo 6. Enclosure and vent pipe on east adjacent property.

SITE PHOTOGRAPHS
The Towbes Group



Photo 7. Miscellaneous waste on east adjacent property.



Photo 8. Miscellaneous waste on east adjacent property.

TAB
Appendix B

APPENDIX B
EDR DATABASE REPORT



**Environmental
Data
Resources, Inc.**
an *edr* company

The EDR-Radius Map with GeoCheck®

**Vacant Land
Camino Vista/Via Las Flores
Goleta, CA 93117**

Inquiry Number: 0351065.4r

March 24, 1999

***The Source* For Environmental Risk Management Data**

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-97. Search distances are per ASTM standard or custom distances requested by the user.

The address of the subject property for which the search was intended is:

CAMINO VISTA VIA LAS FLORES
GOLETA, CA 93117

No mapped sites were found in EDR's search of available (*reasonably ascertainable *) government records either on the subject property or within the ASTM E 1527-97 search radius around the subject property for the following Databases:

NPL:	National Priority List
Delisted NPL:	NPL Deletions
AWP:	AWP
Notify 65:	Notify 65
CHMIRS:	California Hazardous Material Incident Report System
Toxic Pits:	Toxic Pits
CERCLIS:	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP:	Comprehensive Environmental Response, Compensation, and Liability Information System
SWF/LF:	State Landfill
AST:	Aboveground Petroleum Storage Tank Facilities
RAATS:	RCRA Administrative Action Tracking System
WMUDS:	WMUDS/SWAT
PADS:	PCB Activity Database System
TRIS:	Toxic Chemical Release Inventory System
TSCA:	Toxic Substances Control Act
MLTS:	Material Licensing Tracking System
NPL Lien:	NPL Liens
Ca. BEP:	CA Bond Exp. Plan
ROD:	ROD
CONSENT:	Superfund (CERCLA) Consent Decrees
Ca. WDS:	CA WDS
S Bay Reg. 2:	South Bay Region 2
Coal Gas:	Former Manufactured gas (Coal Gas) Sites.

Unmapped (orphan) sites are not considered in the foregoing analysis.

Search Results:

Search results for the subject property and the search radius, are listed below:

Subject Property:

The subject property was not listed in any of the databases searched by EDR.

EXECUTIVE SUMMARY

Surrounding Properties:

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.

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-TSD list, as provided by EDR, and dated 10/01/1998 has revealed that there are 2 RCRIS-TSD sites within approximately 0.75 miles of the subject property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>RAYTHEON ELECTROMAGNETIC SYSTE</i>	<i>6380 HOLLISTER AVE</i>	<i>1/4 - 1/2 ESE</i>	<i>I41</i>	<i>33</i>
<i>SANTA BARBARA RESEARCH CENTER</i>	<i>75 COROMAR DR</i>	<i>1/2 - 1 WSW</i>	<i>53</i>	<i>49</i>

CAL-SITES: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control.

A review of the Cal-Sites list, as provided by EDR, has revealed that there are 2 Cal-Sites sites within approximately 0.75 miles of the subject property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MOSELEY ASSOCIATES, INC	111 CASTILIAN DR	1/2 - 1 W	50	39
<i>SANTA BARBARA RESEARCH CENTER</i>	<i>75 COROMAR DR</i>	<i>1/2 - 1 WSW</i>	<i>53</i>	<i>49</i>

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 3 Cortese sites within approximately 0.75 miles of the subject property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>CHEVRON STATION</i>	<i>6470 HOLLISTER AVE</i>	<i>1/8 - 1/4 SSW</i>	<i>C15</i>	<i>15</i>
<i>DISCOUNT MUFFLER & BRAKE</i>	<i>6410 HOLLISTER AVE</i>	<i>1/4 - 1/2 SE</i>	<i>D19</i>	<i>21</i>
<i>SANTA BARBARA AVIATION FUEL FA</i>	<i>ARNOLD PLACE</i>	<i>1/4 - 1/2 SE</i>	<i>E28</i>	<i>26</i>

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 12/01/1998 has revealed that there are 3 CORRACTS sites within approximately 1.25 miles of the subject property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>RAYTHEON ELECTROMAGNETIC SYSTE</i>	<i>6380 HOLLISTER AVE</i>	<i>1/4 - 1/2 ESE</i>	<i>I41</i>	<i>33</i>

EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>SANTA BARBARA RESEARCH CENTER</i>	<i>75 COROMAR DR</i>	<i>1/2 - 1 WSW</i>	<i>53</i>	<i>49</i>
<i>DELCO ELECTRONICS CORP</i>	<i>6767 HOLLISTER AVENUE</i>	<i>1/2 - 1 WSW</i>	<i>55</i>	<i>63</i>

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 10/01/1998 has revealed that there are 11 LUST sites within approximately 0.75 miles of the subject property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BERGAN BRUNSWICK	99 AERO CAMINO	1/8 - 1/4 E	A2	8
ARROWHEAD DRINKING WATER	122 AERO CAMINO	1/8 - 1/4 ESE	A5	10
CONTINENTAL BAKING CO.	153 AERO CAMINO	1/8 - 1/4 SE	B12	13
GOLD COAST DAIRY	6416 HOLLISTER AVE	1/8 - 1/4 SSE	13	14
<i>CHEVRON STATION</i>	<i>6470 HOLLISTER AVE</i>	<i>1/8 - 1/4 SSW</i>	<i>C15</i>	<i>15</i>
<i>DISCOUNT MUFFLER & BRAKE</i>	<i>6410 HOLLISTER AVE</i>	<i>1/4 - 1/2 SE</i>	<i>D19</i>	<i>21</i>
S.B. CITY, AIRPORT MAINT.	1699 FIRESTONE RD	1/4 - 1/2 SE	D21	23
<i>SANTA BARBARA AVIATION FUEL FA</i>	<i>ARNOLD PLACE</i>	<i>1/4 - 1/2 SE</i>	<i>E28</i>	<i>26</i>
CITY OF SANTA BARBARA AIRPORT	1301 FIRESTONE RD	1/2 - 1 ESE	49	38
<i>SANTA BARBARA LEMON ASSOC.</i>	<i>30 S LA PATERA LN</i>	<i>1/2 - 1 ENE</i>	<i>51</i>	<i>39</i>
<i>APPLIED MAGNETICS CORPORATION</i>	<i>6300 HOLLISTER AVE</i>	<i>1/2 - 1 E</i>	<i>52</i>	<i>41</i>

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 11 UST sites within approximately 0.5 miles of the subject property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BERGEN BRUNSWIG-SANTA BARBARA	99 AERO CAMINO	1/8 - 1/4 E	A1	8
ARROWHEAD SANTA BARBARA BRANCH	122 AERO CAMINO	1/8 - 1/4 ESE	A4	9
94419	6470 HOLLISTER AVE	1/8 - 1/4 SSW	C16	17
GOLDEN COAST DAIRY	6416 HOLLISTER	1/4 - 1/2 SE	D18	21
BUILDING 306	1699 FIRESTONE ROAD	1/4 - 1/2 SE	D20	22
ISLA VISTA SANITARY DISTRICT	1 ADAMS ROAD	1/4 - 1/2 SE	D22	24
ELECTROMAGNETIC SYSTEMS DIVISI	6380 HOLLISTER AVENUE	1/4 - 1/2 ESE	E24	25
<i>SANTA BARBARA AVIATION FUEL FA</i>	<i>ARNOLD PLACE</i>	<i>1/4 - 1/2 SE</i>	<i>E28</i>	<i>26</i>
CALIFORNIA HIGHWAY PATROL	6465 CALLE REAL	1/4 - 1/2 N	G32	28
ROBIN HILL	75 ROBIN HILL ROAD	1/4 - 1/2 E	H36	30
ASR-RADAR	1503 CECIL COOK PLACE	1/4 - 1/2 ESE	J46	36

CA FID: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the Ca. FID list, as provided by EDR, has revealed that there are 14 Ca. FID sites within approximately 0.5 miles of the subject property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GOLDEN COAST DAIRY	6416 HOLLISTER AVE	1/8 - 1/4 SSE	7	11

EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON STATION #9-4419	6470 HOLLISTER AVE	1/8 - 1/4 SSW	C14	15
SB CITY AIRPORT ADMINISTRATION	1699 FIRESTONE RD	1/4 - 1/2 SE	D23	24
DYNASEN INC	100 ARNOLD PL	1/4 - 1/2 SE	F29	28
SANTA BARBARA AVIATION INC	ARNOLD PL	1/4 - 1/2 SE	F30	28
CALIFORNIA HIGHWAY PATROL	6465 CALLE REAL	1/4 - 1/2 N	G31	28
FAA SANTA BARBARA AIRPORT RTR	6551 HOLLISTER AVE	1/4 - 1/2 SW	38	32
APPLIED MAGNETICS CORP	75 ROBIN HILL RD	1/4 - 1/2 E	39	32
SB JET CHARTER	1601 COOK PL	1/4 - 1/2 SE	40	33
ARBITER SYSTEMS, INC.	1402 FIRESTONE RD	1/4 - 1/2 ESE	I42	35
SANTA BARBARA, CITY OF VACANT	1401 FIRESTONE RD	1/4 - 1/2 ESE	I43	35
SAIC-MARIPRO	1522 COOK PL	1/4 - 1/2 SE	J44	36
FAA SANTA BARBARA AIRPORT ASR	1505 COOK PL	1/4 - 1/2 ESE	J45	36
FAA SANTA BARBARA AIRPORT ATCT	1503 COOK PL	1/4 - 1/2 ESE	J47	37

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 10/01/1998 has revealed that there are 8 RCRIS-SQG sites within approximately 0.5 miles of the subject property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>RAYTHEON CO ESD</i>	<i>7 S LOS CARNEROS RD</i>	<i>1/8 - 1/4 NNW</i>	<i>3</i>	<i>9</i>
<i>J S GRAPHIX INC</i>	<i>136 AERO CAMINO</i>	<i>1/8 - 1/4 ESE</i>	<i>A6</i>	<i>11</i>
<i>RIDAL CORP</i>	<i>57 AERO CAMINO</i>	<i>1/8 - 1/4 ENE</i>	<i>9</i>	<i>12</i>
<i>SUPERCONDUCTOR TECHNOLOGIES IN</i>	<i>150 AERO CAMINO</i>	<i>1/8 - 1/4 ESE</i>	<i>B10</i>	<i>12</i>
<i>PS MEDICAL</i>	<i>125 B CREMONA DR</i>	<i>1/4 - 1/2 WSW</i>	<i>25</i>	<i>25</i>
<i>CENTRAL COAST ANAL SVC OF SB</i>	<i>6483 D CALLE REAL</i>	<i>1/4 - 1/2 N</i>	<i>G34</i>	<i>30</i>
<i>VISCARRAS REFINISHING</i>	<i>6489 CALLE REAL SUITE F</i>	<i>1/4 - 1/2 N</i>	<i>35</i>	<i>30</i>
<i>DOLLAR ROOFING</i>	<i>6326 LINDMAR DR</i>	<i>1/4 - 1/2 E</i>	<i>48</i>	<i>37</i>

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 10/01/1998 has revealed that there are 3 RCRIS-LQG sites within approximately 0.5 miles of the subject property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>SANTA BARBARA RESEARCH CENTER</i>	<i>163 AERO CAMINO</i>	<i>1/8 - 1/4 SE</i>	<i>B17</i>	<i>17</i>
<i>APPLIED MAGNETICS CORP</i>	<i>75 ROBIN HILL RD</i>	<i>1/4 - 1/2 E</i>	<i>H37</i>	<i>31</i>
<i>RAYTHEON ELECTROMAGNETIC SYSTE</i>	<i>6380 HOLLISTER AVE</i>	<i>1/4 - 1/2 ESE</i>	<i>I41</i>	<i>33</i>

EXECUTIVE SUMMARY

HMIRS: The Hazardous Materials Incident Report System contains hazardous material spill incidents reported to the Department of Transportation. The source of this database is the U.S. EPA.

A review of the HMIRS list, as provided by EDR, and dated 12/31/1997 has revealed that there is 1 HMIRS site within approximately 0.25 miles of the subject property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	6466 HOLLISTER AVE	1/8 - 1/4 SSW	C11	13

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 12/31/1998 has revealed that there are 2 ERNS sites within approximately 0.375 miles of the subject property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LOS CARNAROS & HOLLISER AVE	LOS CARNAROS & HOLLISER	1/4 - 1/2 SW	26	26
125 CREMONA DR.	125 CREMONA DR.	1/4 - 1/2 WSW	27	26

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 09/30/1997 has revealed that there are 5 FINDS sites within approximately 0.25 miles of the subject property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>RAYTHEON CO ESD</i>	<i>7 S LOS CARNEROS RD</i>	<i>1/8 - 1/4 NNW</i>	<i>3</i>	<i>9</i>
<i>J S GRAPHIX INC</i>	<i>136 AERO CAMINO</i>	<i>1/8 - 1/4 ESE</i>	<i>A6</i>	<i>11</i>
<i>RIDAL CORP</i>	<i>57 AERO CAMINO</i>	<i>1/8 - 1/4 ENE</i>	<i>9</i>	<i>12</i>
<i>SUPERCONDUCTOR TECHNOLOGIES IN</i>	<i>150 AERO CAMINO</i>	<i>1/8 - 1/4 ESE</i>	<i>B10</i>	<i>12</i>
<i>SANTA BARBARA RESEARCH CENTER</i>	<i>163 AERO CAMINO</i>	<i>1/8 - 1/4 SE</i>	<i>B17</i>	<i>17</i>

CA SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the CA SLIC list, as provided by EDR, has revealed that there are 4 CA SLIC sites within approximately 0.75 miles of the subject property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MACALUSO PROPERTY	137 AERO CAMINO	1/8 - 1/4 ESE	B8	11
FAA, SB AIRPORT	10 BURNS PL	1/4 - 1/2 ESE	33	29
<i>RAYTHEON ELECTROMAGNETIC SYSTE</i>	<i>6380 HOLLISTER AVE</i>	<i>1/4 - 1/2 ESE</i>	<i>I41</i>	<i>33</i>
<i>RENCO CORP</i>	<i>26 COROMAR DR</i>	<i>1/2 - 1 WSW</i>	<i>54</i>	<i>61</i>

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

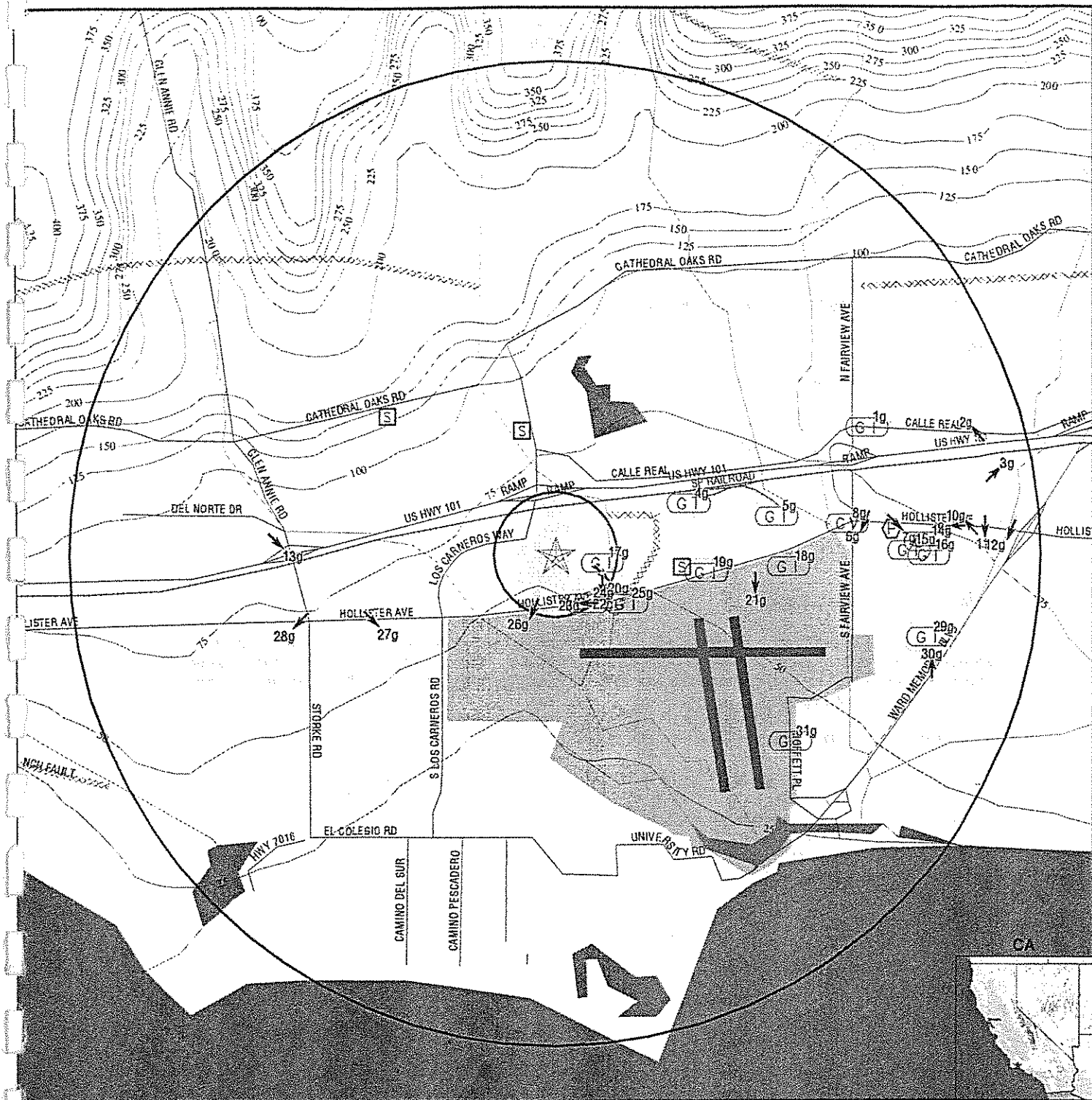
Site Name

RTR
1X CHEVRON USA
STEWART BROS AUTO
1X KMART
PIP PRINTING #1332
GTE

Database(s)

UST
HAZNET
HAZNET
HAZNET
HAZNET
HAZNET

TOPOGRAPHIC MAP - 0351065.4r - Dames & Moore



- | | |
|--|--|
| Major Roads | Closest Hydrogeological Data |
| Contour Lines | Oil, gas or related wells |
| Waterways | Groundwater Flow Direction |
| Earthquake Fault Lines | Indeterminate Groundwater Flow at Location |
| Airports | Groundwater Flow Varies at Location |
| Earthquake epicenter, Richter 5 or greater | |
| Closest Federal Well in quadrant | |
| Closest State Well in quadrant | |
| Closest Public Water Supply Well | |

TARGET PROPERTY: Vacant Land ADDRESS: Camino Vista/Via Las Flores CITY/STATE/ZIP: Goleta CA 93117 LAT/LONG: 34.4341 / 119.8507	CUSTOMER: Dames & Moore CONTACT: Anna Garcia INQUIRY #: 0351065.4r DATE: March 24, 1999 9:19 am
---	--

GEOCHECK VERSION 2.1 SUMMARY

TARGET PROPERTY COORDINATES

Latitude (North): 34.434101 - 34° 26' 2.8"
 Longitude (West): 119.850700 - 119° 51' 2.5"
 Universal Transverse Mercator: Zone 11
 UTM X (Meters): 238045.5
 UTM Y (Meters): 3813780.8

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2434119-D7 GOLETA, CA

GEOLOGIC AGE IDENTIFICATION†

Geologic Code: Tm
 Era: Cenozoic
 System: Tertiary
 Series: Miocene

ROCK STRATIGRAPHIC UNIT‡

Category: Stratified Sequence

GROUNDWATER FLOW 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, including well data collected on nearby properties, regional groundwater flow information (from deep aquifers), or surface topography.‡

AQUIFLOW™ Search Radius: 2.000 Miles

MAP ID	DISTANCE FROM TP	DIRECTION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
2g	1 - 2 Miles	ENE	NW
3g	1 - 2 Miles	East	NE
4g	1/2 - 1 Mile	ENE	Not Reported
6g	1 - 2 Miles	East	SSW
7g	1 - 2 Miles	East	SE
8g	1 - 2 Miles	East	Varies
9g	1 - 2 Miles	East	W
10g	1 - 2 Miles	East	NW
11g	1 - 2 Miles	East	S
12g	1 - 2 Miles	East	SSW
13g	1 - 2 Miles	West	SE
20g	1/8 - 1/4 Mile	ESE	SE
21g	1/2 - 1 Mile	East	S
22g	1/8 - 1/4 Mile	SE	S
23g	1/8 - 1/4 Mile	SSE	W
24g	1/8 - 1/4 Mile	SSE	Not Reported
26g	1/8 - 1/4 Mile	SSW	SSW
27g	1/2 - 1 Mile	WSW	SE
28g	1 - 2 Miles	WSW	SW
30g	1 - 2 Miles	ESE	N
31g	1 - 2 Miles	SE	Flat

For additional site information, refer to GeoCheck Appendix.

† 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).
 ‡ U.S. EPA Ground Water Handbook, Vol I: Ground Water and Contamination, Office of Research and development EPA/625/6-90/016a, Chapter 4, page 78, September 1990.
 ** EDR AQUIFLOW™ information System of hydrogeologically determined groundwater flow directions at specific locations. See the date pages at the end of this report for a complete description.

GEOCHECK VERSION 2.1 SUMMARY

General Topographic Gradient at Target Property: General SSE
 General Hydrogeologic Gradient at Target Property: No hydrogeologic data available.
 Site-Specific Hydrogeological Data*:

Search Radius: 2.0 miles
 Status: Not found

FEDERAL DATABASE WELL INFORMATION

<u>WELL QUADRANT</u>	<u>DISTANCE FROM TP</u>	<u>LITHOLOGY</u>	<u>DEPTH TO WATER TABLE</u>
NO WELLS FOUND			

STATE DATABASE WELL INFORMATION

<u>WELL QUADRANT</u>	<u>DISTANCE FROM TP</u>
Northern	1/2 - 1 Mile
Eastern	1/2 - 1 Mile
Western	1/2 - 1 Mile

STATE OIL/GAS WELL INFORMATION

<u>API #</u>	<u>DISTANCE FROM TP</u>
NO WELLS FOUND	

PUBLIC WATER SUPPLY SYSTEM INFORMATION

Searched by Nearest PWS.
NOTE: PWS System location is not always the same as well location.
 PWS Name: PACIFIC OFFSHORE PIPELINE CO
 PACIFIC OFFSHORE PIPELINE CO
 LAS FLORES CYN
 SANTA BARBARA, CA 93101
 Location Relative to TP: 1 - 2 Miles East
 PWS currently has or has had major violation(s): No

AREA RADON INFORMATION

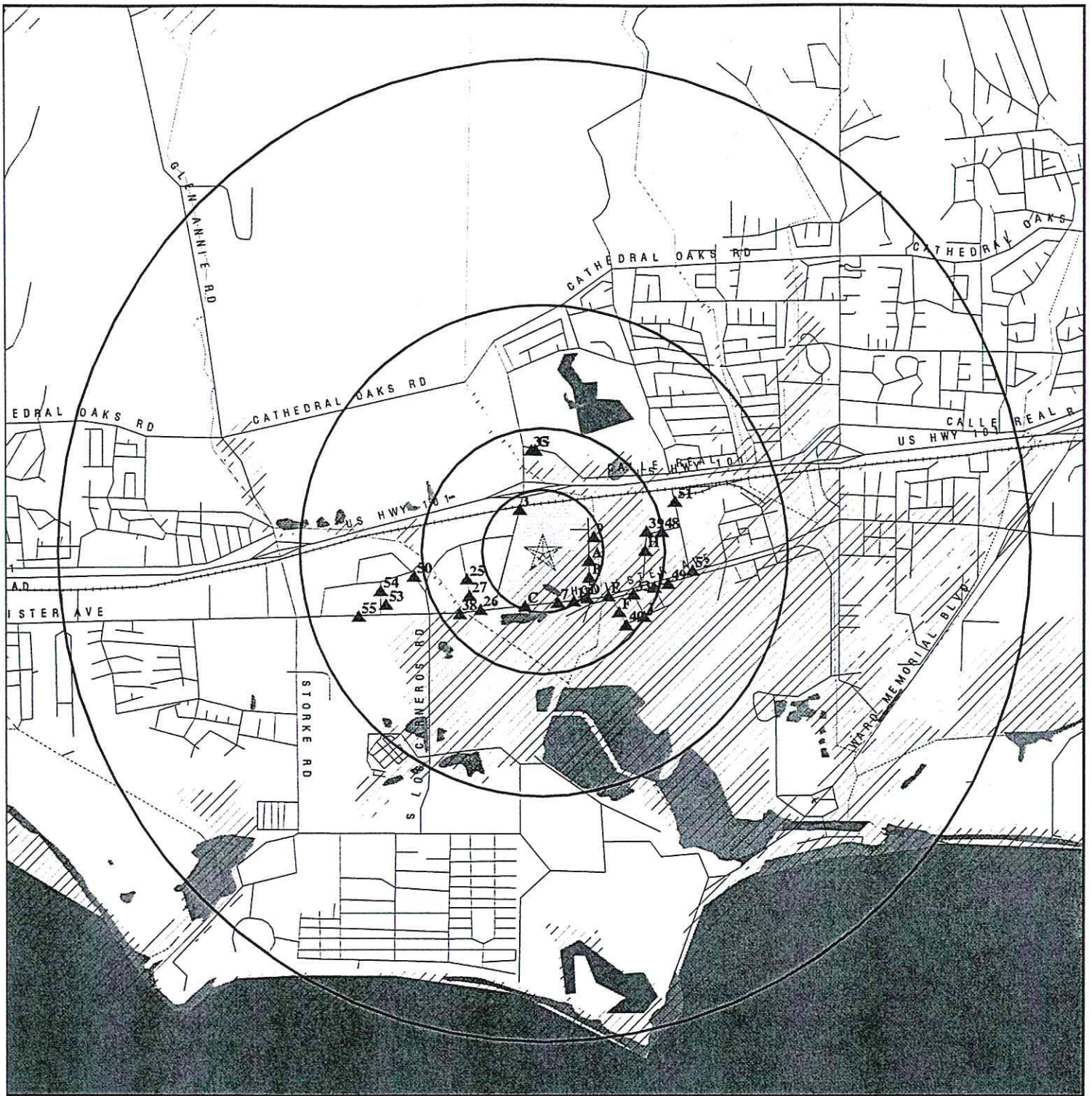
EPA Radon Zone for SANTA BARBARA County: 1
 Note: Zone 1 indoor average level > 4 pCi/L
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Zip Code: 93117

Number of sites tested: 13

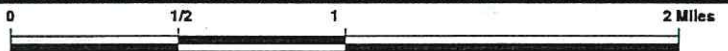
<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	2.915 pCi/L	85%	15%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.800 pCi/L	100%	0%	0%

OVERVIEW MAP - 0351065.4r - Dames & Moore



- ★ Target Property
- ▲ Toxic Sites
- ▲ Coal Gasification Sites (if requested)
- ▨ National Priority List Sites
- ▨ Landfill Sites

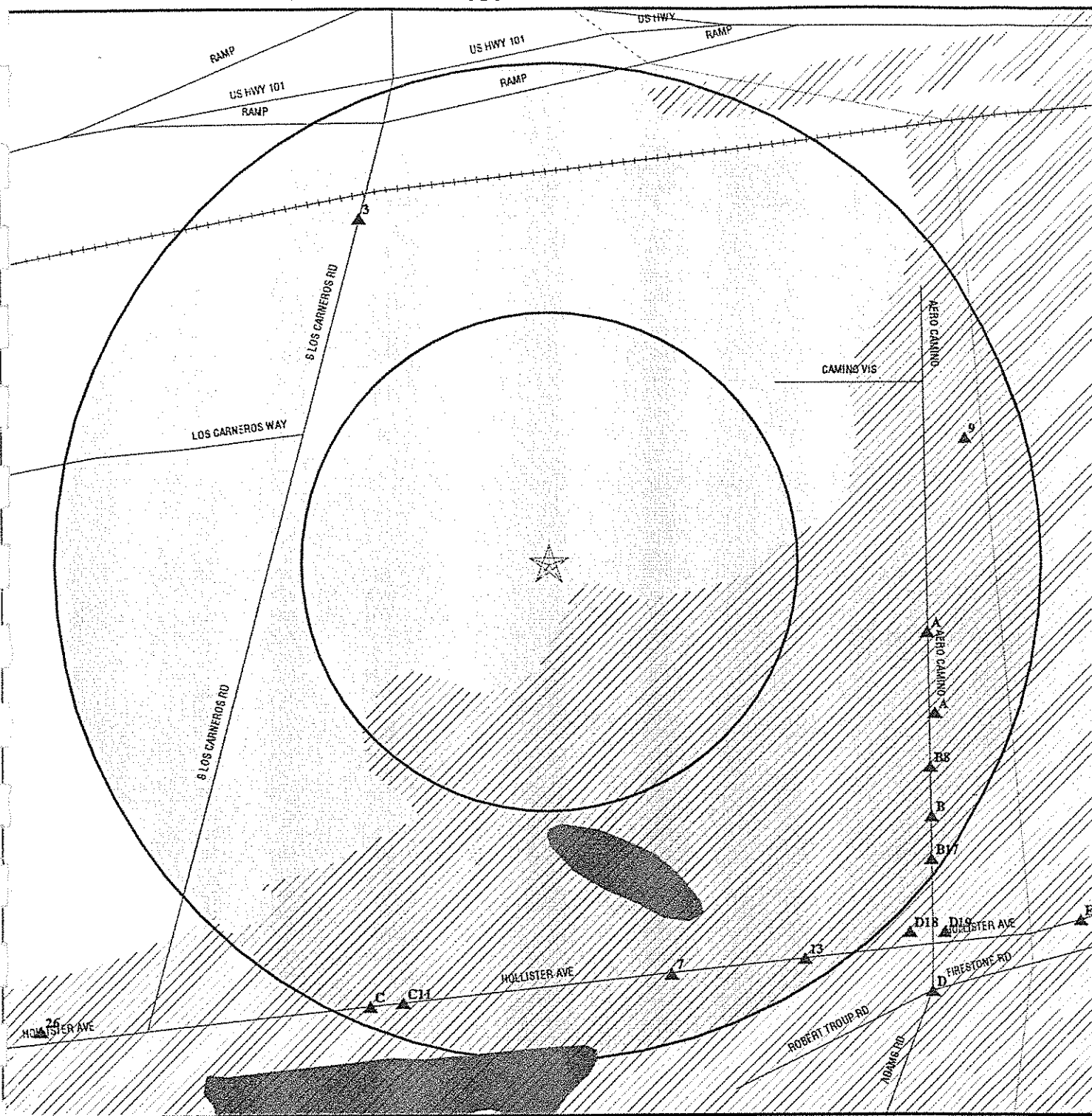
- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- Wetlands per National Wetlands Inventory (1994)



TARGET PROPERTY: Vacant Land
ADDRESS: Camino Vista/Via Las Flores
CITY/STATE/ZIP: Goleta CA 93117
LAT/LONG: 34.4341 / 119.8507

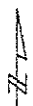
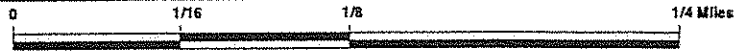
CUSTOMER: Dames & Moore
CONTACT: Anna Garcia
INQUIRY #: 0351065.4r
DATE: March 24, 1999 9:14 am

DETAIL MAP - 0351065.4r - Dames & Moore



- ★ Target Property
- ▲ Toxic Sites
- ▲ Coal Gasification Sites (if requested)
- ★ Sensitive Receptors
- ▨ National Priority List Sites
- ▩ Landfill Sites

- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▩ 500-year flood zone
- Wetlands per National Wetlands Inventory (1994)



TARGET PROPERTY: Vacant Land
ADDRESS: Camino Vista/Via Las Flores
CITY/STATE/ZIP: Goleta CA 93117
LAT/LONG: 34.4341 / 119.8507

CUSTOMER: Dames & Moore
CONTACT: Anna Garcia
INQUIRY #: 0351065.4r
DATE: March 24, 1999 9:17 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.250	0	0	0	0	0	0
Delisted NPL		0.250	0	0	NR	NR	NR	0
RCRIS-TSD		0.750	0	0	1	1	NR	2
AWP		0.150	0	0	NR	NR	NR	0
Cal-Sites		0.750	0	0	0	2	NR	2
Notify 65		0.150	0	0	NR	NR	NR	0
CHMIRS		0.150	0	0	NR	NR	NR	0
Cortese		0.750	0	1	2	0	NR	3
Toxic Pits		0.150	0	0	NR	NR	NR	0
CERCLIS		0.750	0	0	0	0	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.250	0	0	1	2	0	3
State Landfill		0.750	0	0	0	0	NR	0
LUST		0.750	0	5	3	3	NR	11
UST		0.500	0	3	8	NR	NR	11
CA FID		0.500	0	2	12	NR	NR	14
AST		0.500	0	0	0	NR	NR	0
RAATS		0.250	0	0	NR	NR	NR	0
WMUDS/SWAT		0.150	0	0	NR	NR	NR	0
HAZNET		0.150	0	3	NR	NR	NR	3
RCRIS Sm. Quan. Gen.		0.500	0	4	4	NR	NR	8
RCRIS Lg. Quan. Gen.		0.500	0	1	2	NR	NR	3
HMIRS		0.250	0	1	NR	NR	NR	1
PADS		0.250	0	0	NR	NR	NR	0
ERNS		0.375	0	0	2	NR	NR	2
FINDS		0.250	0	5	NR	NR	NR	5
TRIS		0.250	0	0	NR	NR	NR	0
TSCA		0.250	0	0	NR	NR	NR	0
MLTS		0.250	0	0	NR	NR	NR	0
NPL Liens		0.250	0	0	NR	NR	NR	0
CA SLIC		0.750	0	1	2	1	NR	4
CA Bond Exp. Plan		0.150	0	0	NR	NR	NR	0
ROD		0.250	0	0	NR	NR	NR	0
CONSENT		0.250	0	0	NR	NR	NR	0
CA WDS		0.150	0	0	NR	NR	NR	0
South Bay Region 2		0.150	0	0	NR	NR	NR	0
Coal Gas		0.250	0	0	NR	NR	NR	0

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)Site		Database(s)	EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

A1	BERGEN BRUNSWIG-SANTA BARBARA	UST	U001580677
East	99 AERO CAMINO		N/A
1/8-1/4	GOLETA, CA 93117		
1025			

State UST:

Facility ID:	54675	Container Num:	1
Tank Num:	1	Year Installed:	Not reported
Tank Capacity:	10000	Tank Constrctn:	Not reported
Tank Used for:	PRODUCT	Telephone:	(805) 968-2571
Type of Fuel:	UNLEADED	Region:	Not reported
Leak Detection:	None	Other Type:	PHARMACEUTICAL DIST.
Contact Name:	JOHN SASSER, MGR.		
Total Tanks:	1		
Facility Type:	2		

A2	BERGAN BRUNSWICK	LUST	S102425185
East	99 AERO CAMINO		N/A
1/8-1/4	GOLETA, CA 92667		
1025			

State LUST:

Facility Type	INACTIVE	Cross Street:	HOLLISTER
Reg Board:	Central Coast Region	Qty Leaked:	Not reported
Chemical:	Gasoline		
Lead Agency:	Regional Board		
Case Type:	Other ground water affected		
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)		
Review Date:	04/10/1989	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	04/10/1989	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	05/15/1989	Release Date:	10/12/1988

LUST Region 3:

Enter Date:	04/12/89	PROP65 Mail:	False
Emergency:	False	Case Number:	263.00000
Reported By:	BINDER, CLARI SBCEH SANTA BARBARA COUNTY ENV HEALTH 315 CAMINO DEL REMEDIO		
Representing:	Local Agency		
Responsible Party:	BERGAN BRUNSWICK		
RP Address:	PO BOX 5915, ORANGE, CA 92667 (714)385-4335		
Operator:	SMIDT, GEORGE	Contact:	SMIDT, GEORGE
Cross Street:	HOLLISTER		
Local Agency:	42000	Reg Board:	Central Coast Region
Chemical:	Gasoline	Quantity:	Not reported
Discovered:	09/12/88	Stop Date:	//
How Found:	Tank Closure	How Stopped:	Close Tank
Source:	Tank		
Cause:	Unknown		
Lead Agency:	Regional Board		
Case Type:	Other ground water affected		
Priority:	0	Staff Initials:	RBA
Status:	Signed off, remedial action completed or deemed unnecessary		

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BERGAN BRUNSWICK (Continued)

S102425185

Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)

Refer Date: 03/16/89	Review Date: 04/10/89
R.P. Search: Search Not Completed	Funding: Not reported
Confirm Leak: //	Workplan: //
Prelim Assess: //	Pollution Char: 04/10/89
Remed Plan: //	Remed Action: //
Monitoring: //	Close Date: 05/15/89
Enforce Type: Not reported	
Enforce Date: //	Pilot Program: False
First Tracking: //	Tracking Use: Not reported
Scnd Tracking: //	Tracking Use: Not reported
Third Tracking: //	Tracking Use: Not reported
Interim Action: False	Region: 3
Contaminants: GASOLINE	Description: GASOLINE
MTBE Discharged: //	MTBE Detected: No
Site Phone: (714)385-4335	
Watershed: 15.31	
Basin Plan: Not reported	
Summary: Not reported	

3
 NNW
 1/8-1/4
 1041

RAYTHEON CO ESD
 7 S LOS CARNEROS RD
 GOLETA, CA 93117

RCRIS-SQG 1000407771
 FINDS CAD982510083

RCRIS:

Owner: RAYTHEON COMPANY
 (415) 555-1212

Contact: ENVIRONMENTAL MANAGER
 (805) 967-5511

Record Date: 09/01/1996

Classification: Small Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1995

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	6955.00	D007	10969.00
D008	2691.00	D035	128.00
F001	7984.00	F002	2985.00
F003	10969.00	F005	10969.00

Used Oil Recyc: No

Violation Status: No violations found

A4
 ESE
 1/8-1/4
 1093

ARROWHEAD SANTA BARBARA BRANCH
 122 AERO CAMINO
 GOLETA, CA 93017

UST U001579554
 N/A

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

ARROWHEAD SANTA BARBARA BRANCH (Continued)

U001579554

State UST:

Facility ID:	12490	Container Num:	1
Tank Num:	1	Year Installed:	Not reported
Tank Capacity:	1000	Tank Constrctn:	Not reported
Tank Used for:	PRODUCT	Telephone:	(805) 968-2500
Type of Fuel:	REGULAR	Region:	Not reported
Leak Detection:	Stock Inventor	Other Type:	BOTTLED WATER
Contact Name:	SOMMERS ART		
Total Tanks:	1		
Facility Type:	2		

A5
 ESE
 1/8-1/4
 1093

**ARROWHEAD DRINKING WATER
 122 AERO CAMINO
 GOLETA, CA 93117**

LUST

S102424663
 N/A

State LUST:

Facility Type	INACTIVE	Cross Street:	HOLLISTER
Reg Board:	Central Coast Region	Qty Leaked:	Not reported
Chemical:	Diesel		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	06/15/1990	Confirm Leak:	02/15/1989
Workplan:	Not reported	Prelim Assess:	06/14/1988
Pollution Char:	04/04/1989	Remed Plan:	Not reported
Remed Action:	07/24/1989	Monitoring:	07/25/1989
Close Date:	06/15/1990	Release Date:	02/15/1989

LUST Region 3:

Enter Date:	04/06/89	PROP65 Mail:	False
Emergency:	False	Case Number:	198.00000
Reported By:	SCHMAELING, MIKE SB ENV. HEALTH		
Representing:	Local Agency		
Respble Party:	ARROWHEAD WATER		
RP Address	601 POTRERO GRANDE MONTEREY PARK CA 91754 (805)883-8394		
Operator:	SUMMERS, ART	Contact:	ARTHUR RAMIREZ
Cross Street:	HOLLISTER		
Local Agency:	42000	Reg Board:	Central Coast Region
Chemical:	Diesel	Quantity:	Not reported
Discovered:	02/15/89	Stop Date:	//
How Found:	Tank Closure	How Stopped:	Remove Contents
Source:	Tank		
Cause:	Corrosion		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Priority:	0	Staff Initials:	RBA
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Refer Date:	03/22/89	Review Date:	06/15/90
R.P. Search:	Solvent	Funding:	State Funds
Confirm Leak:	02/15/89	Workplan:	//
Prelim Assess:	06/14/88	Pollution Char:	04/04/89
Remed Plan:	//	Remed Action:	07/24/89

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ARROWHEAD DRINKING WATER (Continued)

S102424663

Monitoring:	07/25/89	Close Date:	06/15/90
Enforce Type:	None taken		
Enforce Date:	02/15/89	Pilot Program:	True
First Tracking:	/ /	Tracking Use:	Not reported
Scnd Tracking:	/ /	Tracking Use:	Not reported
Third Tracking:	/ /	Tracking Use:	Not reported
Interim Action:	False	Region:	3
Contaminants:	DIESEL	Description:	DIESEL
MTBE Discharged/ /		MTBE Detected:	No
Site Phone:	(805)968-2502		
Watershed:	15.31		
Basin Plan:	Not reported		
Summary:	Not reported		

A6
 ESE
 1/8-1/4
 1104

J S GRAPHIX INC
 136 AERO CAMINO
 GOLETA, CA 93017

RCRIS-SQG 1000146915
 FINDS CAD076200682

RCRIS:
 Owner: JAMES DUTCHER
 (999) 999-9999
 Contact: JAMES DUTCHER
 (805) 968-1165
 Record Date: 01/22/1992
 Classification: Small Quantity Generator
 Used Oil Recyc: No
 Violation Status: No violations found

7
 SSE
 1/8-1/4
 1141

GOLDEN COAST DAIRY
 6416 HOLLISTER AVE
 GOLETA, CA 93706

Ca. FID S101621634
 N/A

B8
 ESE
 1/8-1/4
 1153

MACALUSO PROPERTY
 137 AERO CAMINO
 GOLETA, CA

CA SLIC S102858402
 N/A

SLIC Region 3:
 Entered Into Database: Not reported
 How Contamination Occurred: Not reported
 Watershed: 15.31
 PROP65 Mail: False
 Emergency Action Taken: False
 Unique Case Number: 115.00000
 Date First Reported: Not reported
 Person Who Reported Leak: Not reported
 Who Reporting Party Represents: Not reported
 Reporting Party's Address: Not reported
 Operator: Not reported
 Responsible Party Search Status: Not reported
 Responsible Party: NICK MACALUSO
 Responsible Party's Address: Not reported

MAP FINDINGS

Map ID		EDR ID Number
Direction		
Distance		Database(s) EPA ID Number
Distance (ft.)Site		

MACALUSO PROPERTY (Continued)

S102858402

Responsible Party Contact:	Not reported
Responsible Party Phone:	Not reported
Responsible Party PO Box:	Not reported
Facility Phone:	Not reported
Leak Site Cross Street:	Not reported
Local Agency:	Not reported
Primary Substance leaked:	13 SOLVENT, METALS, BTEX
Quantity Leaked (Gal):	Not reported
Date Leak Found:	Not reported
How Lead Was Discovered:	Not reported
Date Leak Stopped:	//
How Lead Was Discovered:	Not reported
Lead Agency:	Not reported
Priority Level:	Priority 1 (Top Priority)
Case Type:	Not reported
Facility Status:	Leak Being Confirmed
Abatement Method:	Not reported
Staff Member:	JR
Date Case Given to Regional Board:	Not reported
Cost Recovery:	False
Confirmation of Leak Date:	Not reported
Preliminary Site Assessment Workplan Date:	Not reported
Preliminary Site Assessment Began Date:	Not reported
Pollution Characterization Began Date:	Not reported
Remediation Plan Submitted Date:	Not reported
Remedial Action Underway Date:	Not reported
Post Remedial Action Monitoring Date:	Not reported
Enforcement Action Taken:	Not reported
Emergency Response Date:	Not reported
Case Closed Date:	Not reported
Significant Interim Remedial Actions:	False
Basin Plan:	Not reported
Summary:	Not reported

9
ENE
1/8-1/4
1163

RIDAL CORP
57 AERO CAMINO
COLETA, CA 93117

RCRIS-SQG 1000147665
FINDS CAD982323057
HAZNET

RCRIS:

Owner: DALE SORENSON
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER
(805) 968-1575

Record Date: 02/09/1988

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

B10
ESE
1/8-1/4
1224

SUPERCONDUCTOR TECHNOLOGIES INC
150 AERO CAMINO
GOLETA, CA 93117

RCRIS-SQG 1000214579
FINDS CAD982059859

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SUPERCONDUCTOR TECHNOLOGIES INC (Continued)

1000214579

RCRIS:
 Owner: SUPERCONDUCTOR TECHNOLOGIES INC
 (415) 555-1212
 Contact: ENVIRONMENTAL MANAGER
 (805) 968-1396
 Record Date: 09/01/1996
 Classification: Small Quantity Generator
 Used Oil Recyc: No
 Violation Status: No violations found

C11
 SSW
 1/8-1/4
 1229

6466 HOLLISTER AVE
 SANTA BARBARA, CA

HMIRS

96110458
 N/A

B12
 SE
 1/8-1/4
 1235

CONTINENTAL BAKING CO.
 153 AERO CAMINO
 GOLETA, CA 93117

LUST

S102428299
 N/A

State LUST:

Facility Type	INACTIVE	Cross Street:	Not reported
Reg Board:	Central Coast Region	Qty Leaked:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site, Pump and Treat Ground Water - generally employed to remove dissolved contaminants		

Review Date:	04/03/1990	Confirm Leak:	02/01/1989
Workplan:	Not reported	Prelim Assess:	01/12/1989
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	08/21/1989	Monitoring:	01/04/1990
Close Date:	04/03/1990	Release Date:	01/10/1989

LUST Region 3:

Enter Date:	01/11/93	PROP65 Mail:	False
Emergency:	False	Case Number:	2249.00000
Reported By:	Not reported		
	Not reported		

Representing: Other
 Respble Party: CONTINENTAL BAKING
 RP Address: 2801 TOWNE STREET POMONA CA 91766
 Not reported

Operator:	Not reported	Contact:	ED SHERLOCK
Cross Street:	Not reported		
Local Agency:	42000	Reg Board:	Central Coast Region
Chemical:	Gasoline	Quantity:	Not reported
Discovered:	//	Stop Date:	//
How Found:	Other Means	How Stopped:	Other Means
Source:	Unknown		
Cause:	Unknown		
Lead Agency:	Local Agency		

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

CONTINENTAL BAKING CO. (Continued)

S102428299

Case Type:	Other ground water affected	Staff Initials:	RBA
Priority:	0	Status:	Signed off, remedial action completed or deemed unnecessary
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site, Pump and Treat Ground Water - generally employed to remove dissolved contaminants		
Refer Date:	//	Review Date:	04/03/90
R.P. Search:	Solvent	Funding:	State Funds
Confirm Leak:	02/01/89	Workplan:	//
Prelim Assess:	01/12/89	Pollution Char:	//
Remed Plan:	//	Remed Action:	08/21/89
Monitoring:	01/04/90	Close Date:	04/03/90
Enforce Type:	Not reported	Pilot Program:	True
Enforce Date:	//	Tracking Use:	Not reported
First Tracking:	//	Tracking Use:	Not reported
Scnd Tracking:	//	Tracking Use:	Not reported
Third Tracking:	//	Tracking Use:	Not reported
Interim Action:	False	Region:	3
Contaminants:	GASOLINE	Description:	Not reported
MTBE Discharged:	//	MTBE Detected:	No
Site Phone:	Not reported		
Watershed:	15.31		
Basin Plan:	Not reported		
Summary:	Not reported		

13
 SSE
 1/8-1/4
 1253

GOLD COAST DAIRY
 6416 HOLLISTER AVE
 GOLETA, CA 93117

LUST

S102430820
 N/A

State LUST:

Facility Type:	INACTIVE	Cross Street:	Not reported
Reg Board:	Central Coast Region	Qty Leaked:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Undefined		
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	11/09/1990	Confirm Leak:	05/23/1990
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	05/23/1990	Monitoring:	Not reported
Close Date:	11/08/1990	Release Date:	05/05/1989

LUST Region 3:

Enter Date:	01/11/93	PROP65 Mail:	False
Emergency:	False	Case Number:	2255.00000
Reported By:	Not reported		
	Not reported		
Representing:	Other		
Respbie Party:	WELLS FARGO BANK		
RP Address:	P.O. BOX 1059 SANTA BARBARA CA 93102		
	Not reported		
Operator:	Not reported	Contact:	RICHARD BARNES
Cross Street:	Not reported		
Local Agency:	42000	Reg Board:	Central Coast Region
Chemical:	Gasoline	Quantity:	Not reported
Discovered:	//	Stop Date:	//

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

GOLD COAST DAIRY (Continued)

S102430820

How Found:	Other Means	How Stopped:	Other Means
Source:	Unknown		
Cause:	Unknown		
Lead Agency:	Local Agency		
Case Type:	Undefined		
Priority:	0	Staff Initials:	RBA
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Refer Date:	//	Review Date:	11/09/90
R.P. Search:	Recalcitrant	Funding:	Federal Funds
Confirm Leak:	05/23/90	Workplan:	//
Prelim Assess:	//	Pollution Char:	//
Remed Plan:	//	Remed Action:	05/23/90
Monitoring:	//	Close Date:	11/08/90
Enforce Type:	Not reported		
Enforce Date:	//	Pilot Program:	True
First Tracking:	//	Tracking Use:	Not reported
Scnd Tracking:	//	Tracking Use:	Not reported
Third Tracking:	//	Tracking Use:	Not reported
Interim Action:	False	Region:	3
Contaminants:	GASOLINE	Description:	Not reported
MTBE Discharged:	//	MTBE Detected:	No
Site Phone:	Not reported		
Watershed:	15.31		
Basin Plan:	Not reported		
Summary:	Not reported		

C14
 SSW
 1/8-1/4
 1268

CHEVRON STATION #9-4419
 6470 HOLLISTER AVE
 GOLETA, CA 93117

Ca. FID

S101594144
 N/A

FID:

Facility ID:	42000282	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(805) 968-9696
Mail To:	Not reported		
	6470 HOLLISTER AVE		
	GOLETA, CA 93117		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

C15
 SSW
 1/8-1/4
 1268

CHEVRON STATION
 6470 HOLLISTER AVE
 GOLETA, CA 93117

Cortese
 LUST
 HAZNET

S100390452
 N/A

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

CHEVRON STATION (Continued)

S100390452

State LUST:

Facility Type:	ACTIVE	Cross Street:	LOS CARNEROS
Reg Board:	Central Coast Region	Qty Leaked:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Undefined		
Status:	Preliminary site assessment underway		
Abate Method:	Cap Site - install horizontal impermeable layer to reduce rainfall infiltration		
Review Date:	01/14/1993	Confirm Leak:	02/12/1991
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	02/08/1991

LUST Region 3:

Enter Date:	04/01/91	PROP65 Mail:	False
Emergency:	False	Case Number:	1042.00000
Reported By:	STEVE BROWN		

5540 EKWILL, SUITE B, SANTA BARBARA, CA 93111

Representing: Local Agency
 Respble Party: CHEVRON USA
 RP Address P.O. BOX 2833 LA HABRA CA 90632-2833
 (213)694-7698

Operator:	CHEVRON USA, INC.	Contact:	DAN GALLAGHER
Cross Street:	LOS CARNEROS		
Local Agency:	42000	Reg Board:	Central Coast Region
Chemical:	Gasoline	Quantity:	Not reported
Discovered:	02/08/91	Stop Date:	02/08/91
How Found:	Other Means	How Stopped:	Other Means
Source:	Piping		
Cause:	Unknown		
Lead Agency:	Local Agency		
Case Type:	Undefined		
Priority:	0	Staff Initials:	RBA
Status:	Preliminary site assessment underway		
Abate Method:	Cap Site - install horizontal impermeable layer to reduce rainfall infiltration		

Refer Date:	/ /	Review Date:	01/14/93
R.P. Search:	Insolvent	Funding:	Not reported
Confirm Leak:	02/12/91	Workplan:	/ /
Prelim Assess:	/ /	Pollution Char:	/ /
Remed Plan:	/ /	Remed Action:	/ /
Monitoring:	/ /	Close Date:	/ /
Enforce Type:	Not reported		
Enforce Date:	/ /	Pilot Program:	True
First Tracking:	/ /	Tracking Use:	Not reported
Scnd Tracking:	/ /	Tracking Use:	Not reported
Third Tracking:	/ /	Tracking Use:	Not reported
Interim Action:	False	Region:	3
Contaminants:	GASOLINE	Description:	Not reported
MTBE Discharged:	/ /	MTBE Detected:	YES
Site Phone:	Not reported		
Watershed:	15.31		
Basin Plan:	Not reported		
Summary:	Not reported		

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)Site		Database(s)	EPA ID Number

CHEVRON STATION (Continued)

S100390452

CORTESE:

Reg By: LTNKA
 Reg Id: 1042.00000
 Region: CORTESE

**C16
 SSW
 1/8-1/4
 1268**

**94419
 6470 HOLISTER AVE
 GOLETA, CA 93117**

UST

**U001580672
 N/A**

State UST:

Facility ID: 62623	
Tank Num: 1	Container Num: 1
Tank Capacity: 10000	Year Installed: 1972
Tank Used for: PRODUCT	
Type of Fuel: Not Reported	Tank Constrctn: 0000250 unknown
Leak Detection: Stock Inventor	
Contact Name: NEGUS, RONALD L	Telephone: (805) 968-9696
Total Tanks: 4	Region: Not reported
Facility Type: 1	Other Type: Not reported

Facility ID: 62623	
Tank Num: 2	Container Num: 2
Tank Capacity: 10000	Year Installed: 1972
Tank Used for: PRODUCT	
Type of Fuel: Not Reported	Tank Constrctn: 0000250 unknown
Leak Detection: Stock Inventor	
Contact Name: NEGUS, RONALD L	Telephone: (805) 968-9696
Total Tanks: 4	Region: Not reported
Facility Type: 1	Other Type: Not reported

Facility ID: 62623	
Tank Num: 3	Container Num: 3
Tank Capacity: 5000	Year Installed: 1972
Tank Used for: PRODUCT	
Type of Fuel: Not Reported	Tank Constrctn: 0000250 unknown
Leak Detection: Stock Inventor	
Contact Name: NEGUS, RONALD L	Telephone: (805) 968-9696
Total Tanks: 4	Region: Not reported
Facility Type: 1	Other Type: Not reported

Facility ID: 62623	
Tank Num: 4	Container Num: 4
Tank Capacity: 1000	Year Installed: 1972
Tank Used for: WASTE	
Type of Fuel: Not Reported	Tank Constrctn: 0000130 unknown
Leak Detection: Stock Inventor	
Contact Name: NEGUS, RONALD L	Telephone: (805) 968-9696
Total Tanks: 4	Region: Not reported
Facility Type: 1	Other Type: Not reported

**B17
 SE
 1/8-1/4
 1290**

**SANTA BARBARA RESEARCH CENTER
 163 AERO CAMINO
 GOLETA, CA 93117**

**FINDS 1000394947
 RCRIS-LQG CAD982403628
 HAZNET**

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SANTA BARBARA RESEARCH CENTER (Continued)

1000394947

RCRIS:

Owner: SPERRY REYNOLDS
 (415) 555-1212
 Contact: SCOTT THOMPSON
 (805) 562-4386
 Record Date: 12/05/1995
 Classification: Large Quantity Generator, Hazardous Waste Transporter
 Used Oil Recyc: No
 Violation Status: No violations found

HAZNET:

Year: Not reported
 Gepaid: CAD982403628
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: SANTA BARBARA RESEARCH CENTER
 Tsd Address: 75 COROMAR DR
 GOLETA
 Tsd County: Santa Barbara
 Mailing Address: Not reported
 Category: 211
 Disposal Method: D99

Tepaid: CAD028260297
 Telephone: Not reported
 Tons: 2

Year: Not reported
 Gepaid: CAD982403628
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: SANTA BARBARA RESEARCH CENTER
 Tsd Address: 75 COROMAR DR
 GOLETA
 Tsd County: Santa Barbara
 Mailing Address: Not reported
 Category: 214
 Disposal Method: UNK

Tepaid: CAD028260297
 Telephone: Not reported
 Tons: 5

Year: Not reported
 Gepaid: CAD982403628
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: SANTA BARBARA RESEARCH CENTER
 Tsd Address: 75 COROMAR DR
 GOLETA
 Tsd County: Santa Barbara
 Mailing Address: Not reported
 Category: 343
 Disposal Method: UNK

Tepaid: CAD028260297
 Telephone: Not reported
 Tons: 20

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394947

Year:	Not reported	Tepaid:	CAD028260297
Gepaid:	CAD982403628	Telephone:	Not reported
Contact:	Not reported	Tons:	6
Gen County:	Not reported		
Tsd Name:	SANTA BARBARA RESEARCH CENTER		
Tsd Address:	75 COROMAR DR GOLETA		
Tsd County	Santa Barbara		
Mailing Address:	Not reported		
Category:	351		
Disposal Method:	UNK		
Year:	Not reported	Tepaid:	CAD028260297
Gepaid:	CAD982403628	Telephone:	Not reported
Contact:	Not reported	Tons:	2
Gen County:	Not reported		
Tsd Name:	SANTA BARBARA RESEARCH CENTER		
Tsd Address:	75 COROMAR DR GOLETA		
Tsd County	Santa Barbara		
Mailing Address:	Not reported		
Category:	512		
Disposal Method:	UNK		
Year:	Not reported	Tepaid:	CAD028260297
Gepaid:	CAD982403628	Telephone:	Not reported
Contact:	Not reported	Tons:	1
Gen County:	Not reported		
Tsd Name:	SANTA BARBARA RESEARCH CENTER		
Tsd Address:	75 COROMAR DR GOLETA		
Tsd County	Santa Barbara		
Mailing Address:	Not reported		
Category:	513		
Disposal Method:	D80		
Year:	Not reported	Tepaid:	CAD028260297
Gepaid:	CAD982403628	Telephone:	Not reported
Contact:	Not reported	Tons:	0
Gen County:	Not reported		
Tsd Name:	SANTA BARBARA RESEARCH CENTER		
Tsd Address:	75 COROMAR DR GOLETA		
Tsd County	Santa Barbara		
Mailing Address:	Not reported		
Category:	551		
Disposal Method:	R01		

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SANTA BARBARA RESEARCH CENTER (Continued)

1000394947

Year:	Not reported	Tepaid:	CAD028260297
Gepaid:	CAD982403628	Telephone:	Not reported
Contact:	Not reported	Tons:	4
Gen County:	Not reported		
Tsd Name:	SANTA BARBARA RESEARCH CENTER		
Tsd Address:	75 COROMAR DR GOLETA		
Tsd County	Santa Barbara		
Mailing Address:	Not reported		
Category:	741		
Disposal Method:	D99		
Year:	Not reported	Tepaid:	CAD028260297
Gepaid:	CAD982403628	Telephone:	Not reported
Contact:	Not reported	Tons:	3
Gen County:	Not reported		
Tsd Name:	SANTA BARBARA RESEARCH CENTER		
Tsd Address:	75 COROMAR DR GOLETA		
Tsd County	Santa Barbara		
Mailing Address:	Not reported		
Category:	741		
Disposal Method:	R01		
Year:	Not reported	Tepaid:	CAD028260297
Gepaid:	CAD982403628	Telephone:	Not reported
Contact:	Not reported	Tons:	14
Gen County:	Not reported		
Tsd Name:	SANTA BARBARA RESEARCH CENTER		
Tsd Address:	75 COROMAR DR GOLETA		
Tsd County	Santa Barbara		
Mailing Address:	Not reported		
Category:	741		
Disposal Method:	UNK		
Year:	93	Tepaid:	CAD028202971
Gepaid:	CAD982403628	Telephone:	Not reported
Contact:	Not reported	Tons:	0.02
Gen County:	Santa Barbara		
Tsd Name:	Not reported		
Tsd Address:	Not reported		
Tsd County	00		
Mailing Address:	Not reported		
Category:	741		
Disposal Method:	Not reported		

MAP FINDINGS

Map ID		EDR ID Number
Direction		
Distance		
Distance (ft.)Site	Database(s)	EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394947

Year:	93	Tepaid:	CAD028260297
Gepaid:	CAD982403628	Telephone:	Not reported
Contact:	Not reported	Tons:	0.02
Gen County:	Santa Barbara		
Tsd Name:	Not reported		
Tsd Address:	Not reported		
Tsd County:	Santa Barbara		
Mailing Address:	Not reported		
Category:	211		
Disposal Method:	Not reported		

D18
SE
1/4-1/2
1375

GOLDEN COAST DAIRY
6416 HOLLISTER
GOLETA, CA 93706

UST

U001591649
N/A

State UST:

Facility ID:	42278	Container Num:	1
Tank Num:	1	Year Installed:	1972
Tank Capacity:	10000	Tank Constrctn:	Not reported
Tank Used for:	PRODUCT	Telephone:	(805) 968-3612
Type of Fuel:	REGULAR	Region:	Not reported
Leak Detection:	None	Other Type:	DAIRY
Contact Name:	DOUGLAS BADERTSCHER		
Total Tanks:	1		
Facility Type:	2		

D19
SE
1/4-1/2
1444

DISCOUNT MUFFLER & BRAKE
6410 HOLLISTER AVE
GOLETA, CA 09317

Cortese
LUST

S101303349
N/A

State LUST:

Facility Type:	ACTIVE	Cross Street:	Not reported
Reg Board:	Central Coast Region	Qty Leaked:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Preliminary site assessment underway		
Abate Method:	U	Confirm Leak:	02/09/1989
Review Date:	12/17/1992	Prelim Assess:	12/08/1988
Workplan:	Not reported	Remed Plan:	Not reported
Pollution Char:	Not reported	Monitoring:	Not reported
Remed Action:	Not reported	Release Date:	12/08/1988
Close Date:	Not reported		

LUST Region 3:

Enter Date:	06/27/91	PROP65 Mail:	False
Emergency:	False	Case Number:	1081.00000
Reported By:	MIKE MEAN		
	5540 EKWILL SUITE B SANTA BARBARA CA 93111		
Representing:	Other		
Resple Party:	WELLS FARGO BANK		
RP Address:	444 SOUTH FLOWER ST, STE LOS ANGELES CA 90071		
	(415)396-4576		
Operator:	Not reported	Contact:	JONATHAN ELSKY
Cross Street:	Not reported	Reg Board:	Central Coast Region
Local Agency:	42000		

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

DISCOUNT MUFFLER & BRAKE (Continued)

S101303349

Chemical:	Gasoline	Quantity:	Not reported
Discovered:	03/13/89	Stop Date:	//
How Found:	Other Means	How Stopped:	Close Tank
Source:	Tank		
Cause:	Overfill		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Priority:	3	Staff Initials:	RBA
Status:	Preliminary site assessment underway		
Abate Method:	U		
Refer Date:	//	Review Date:	12/17/92
R.P. Search:	Solvent	Funding:	State Funds
Confirm Leak:	02/09/89	Workplan:	//
Prelim Assess:	12/08/88	Pollution Char:	//
Remed Plan:	//	Remed Action:	//
Monitoring:	//	Close Date:	//
Enforce Type:	Warning/notice of violation to uncooperative responsible parties (includes CDO and CAO)		
Enforce Date:	02/27/91	Pilot Program:	True
First Tracking:	//	Tracking Use:	Not reported
Scnd Tracking:	//	Tracking Use:	Not reported
Third Tracking:	//	Tracking Use:	Not reported
Interim Action:	False	Region:	3
Contaminants:	GASOLINE	Description:	Not reported
MTBE Discharged?	/	MTBE Detected:	No
Site Phone:	Not reported		
Watershed:	15.31		
Basin Plan:	Not reported		
Summary:	Not reported		

CORTESE:

Reg By: LTNKA
 Reg Id: 1081.00000
 Region: CORTESE

D20
 SE
 1/4-1/2
 1532

BUILDING 306
1699 FIRESTONE ROAD
GOLETA, CA 93117

UST

U001580681
 N/A

State UST:

Facility ID:	42370	Container Num:	1
Tank Num:	1	Year Installed:	Not reported
Tank Capacity:	10000		
Tank Used for:	PRODUCT	Tank Constrcn:	1/4 inches
Type of Fuel:	UNLEADED		
Leak Detection:	None	Telephone:	(805) 967-7111
Contact Name:	EARL JOHNSON	Region:	Not reported
Total Tanks:	1	Other Type:	AIRPORT
Facility Type:	2		

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

BUILDING 306 (Continued)

U001580681

Facility ID:	42370	Container Num:	2
Tank Num:	2	Year Installed:	1975
Tank Capacity:	4000	Tank Constrctn:	1/4 inches
Tank Used for:	PRODUCT	Telephone:	(805) 967-7111
Type of Fuel:	DIESEL	Region:	Not reported
Leak Detection:	None	Other Type:	AIRPORT
Contact Name:	EARL JOHNSON		
Total Tanks:	1		
Facility Type:	2		

D21
 SE
 1/4-1/2
 1532

**S.B. CITY, AIRPORT MAINT.
 1699 FIRESTONE RD
 GOLETA, CA 93117**

LUST

**S101303343
 N/A**

State LUST:

Facility Type	INACTIVE	Cross Street:	Not reported
Reg Board:	Central Coast Region	Qty Leaked:	Not reported
Chemical:	Diesel		
Lead Agency:	Local Agency		
Case Type:	Undefined		
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	U		
Review Date:	01/20/1995	Confirm Leak:	04/04/1990
Workplan:	Not reported	Prelim Assess:	03/21/1990
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	03/21/1990

LUST Region 3:

Enter Date:	09/16/91	PROP65 Mail:	False
Emergency:	False	Case Number:	2021.00000
Reported By:	MIKE MEAN 5540 EKWILL SUITE B SANTA BARBARA CA 93111		

Representing: Other
 Respble Party: CITY OF SNTA BARBARA
 RP Address: 630 GARDEN STREET SANTA BARBARA CA 93102-1990
 Not reported

Operator:	SB CITY	Contact:	TONY RAYA
Cross Street:	Not reported	Reg Board:	Central Coast Region
Local Agency:	42000	Quantity:	Not reported
Chemical:	Diesel	Stop Date:	/ /
Discovered:	03/21/90	How Stopped:	Close Tank
How Found:	Tank Closure		
Source:	Tank		
Cause:	Unknown	Staff Initials:	RBA
Lead Agency:	Local Agency		
Case Type:	Undefined		
Priority:	0		
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	U		
Refer Date:	/ /	Review Date:	01/20/95
R.P. Search:	Solvent	Funding:	Federal Funds
Confirm Leak:	04/04/90	Workplan:	/ /
Prelim Assess:	03/21/90	Pollution Char:	/ /
Remed Plan:	/ /	Remed Action:	/ /
Monitoring:	/ /	Close Date:	/ /
Enforce Type:	None taken		

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

S.B. CITY, AIRPORT MAINT. (Continued)

S101303343

Enforce Date:	03/21/90	Pilot Program:	True
First Tracking:	//	Tracking Use:	Not reported
Scnd Tracking:	//	Tracking Use:	Not reported
Third Tracking:	//	Tracking Use:	Not reported
Interim Action:	False	Region:	3
Contaminants:	DIESEL	Description:	Not reported
MTBE Discharged:	/	MTBE Detected:	No
Site Phone:	Not reported		
Watershed:	15.31		
Basin Plan:	Not reported		
Summary:	Not reported		

D22
 SE
 1/4-1/2
 1532

ISLA VISTA SANITARY DISTRICT
 1 ADAMS ROAD
 GOLETA, CA 93117

UST

U001580708
 N/A

State UST:

Facility ID:	56296	Container Num:	1
Tank Num:	1	Year Installed:	1975
Tank Capacity:	970	Tank Constrcn:	Not reported
Tank Used for:	PRODUCT	Telephone:	(805) 968-2617
Type of Fuel:	UNLEADED	Region:	Not reported
Leak Detection:	Stock Inventor	Other Type:	PUBLIC AGENCY
Contact Name:	R.J. KUHNS		
Total Tanks:	2	Facility ID:	56296
Facility Type:	2	Tank Num:	2
		Tank Capacity:	1000
		Tank Used for:	PRODUCT
		Type of Fuel:	DIESEL
		Leak Detection:	Stock Inventor
		Contact Name:	R.J. KUHNS
		Total Tanks:	2
		Facility Type:	2
		Container Num:	2
		Year Installed:	1982
		Tank Constrcn:	Not reported
		Telephone:	(805) 968-2617
		Region:	Not reported
		Other Type:	PUBLIC AGENCY

D23
 SE
 1/4-1/2
 1532

SB CITY AIRPORT ADMINISTRATION
 1699 FIRESTONE RD
 SANTA BARBARA, CA 93117

Ca. FID

S101594150
 N/A

FID:

Facility ID:	42000305	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location	SIC Code:	Not reported
Cortese Code:	Not reported	Facility Tel:	Not reported
Status:	Active		
Mail To:	Not reported	Contact Tel:	Not reported
	630 GARDEN ST	NPDES No:	Not reported
	SANTA BARBARA, CA 93117	Modified:	00/00/00
Contact:	Not reported		
DUNs No:	Not reported		
Creation:	10/22/93		
EPA ID:	Not reported		
Comments:	Not reported		

MAP FINDINGS

Map ID		EDR ID Number
Direction		
Distance		EPA ID Number
Distance (ft.)Site		Database(s)

E24 ESE 1/4-1/2 1716	ELECTROMAGNETIC SYSTEMS DIVISI 6380 HOLLISTER AVENUE GOLETA, CA 93117	UST	U001580690 N/A
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State UST:

Facility ID:	35367	Container Num:	1
Tank Num:	1	Year Installed:	1982
Tank Capacity:	5000	Tank Constrctn:	0.25 inches
Tank Used for:	WASTE	Telephone:	(805) 967-5511
Type of Fuel:	Not Reported	Region:	Not reported
Leak Detection:		Other Type:	ELECTRONICS MFG.
Contact Name:	Not reported		
Total Tanks:	1		
Facility Type:	2		

25 WSW 1/4-1/2 1760	PS MEDICAL 125 B CREMONA DR GOLETA, CA 93117	RCRIS-SQG FINDS HAZNET	1000594726 CAD983585993
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RCRIS:

Owner: PS MEDICAL
(415) 555-1212

Contact: ANN CLARK
(806) 968-1546

Record Date: 06/24/1991

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

HAZNET:

Year:	Not reported	Tepaid:	CAD050806850
Gepaid:	CAD983585993	Telephone:	Not reported
Contact:	Not reported	Tons:	0
Gen County:	Not reported		
Tsd Name:	OIL PROCESS CO (DBA)		
Tsd Address:	5756 ALBA ST		
	LOS ANGELES		
Tsd County:	Los Angeles		
Mailing Address:	Not reported		
Category:	352		
Disposal Method:	H01		

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

PS MEDICAL (Continued)

1000594726

Year:	Not reported	Tepaid:	CAD050806850
Gepaid:	CAD983585993	Telephone:	Not reported
Contact:	Not reported	Tons:	0
Gen County:	Not reported		
Tsd Name:	OIL PROCESS CO (DBA)		
Tsd Address:	5756 ALBA ST LOS ANGELES		
Tsd County:	Los Angeles		
Mailing Address:	Not reported		
Category:	352		
Disposal Method:	T01		

26 SW 1/4-1/2 1838	LOS CARNAROS & HOLLISER AVE LOS CARNAROS & HOLLISER AVE SANTA BARBARA, CA 93110	ERNS	92260967 N/A
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27 WSW 1/4-1/2 1861	125 CREMONA DR. 125 CREMONA DR. GOLETE, CA 93117	ERNS	94401182 N/A
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E28 SE 1/4-1/2 1865	SANTA BARBARA AVIATION FUEL FA ARNOLD PLACE GOLETA, CA 93117	UST Cortese LUST	U001580725 N/A
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State LUST:			
Facility Type:	ACTIVE	Cross Street:	Not reported
Reg Board:	Central Coast Region	Qty Leaked:	Not reported
Chemical:	Diesel		
Lead Agency:	Local Agency		
Case Type:	Undefined		
Status:	Preliminary site assessment underway		
Abate Method:	U		
Review Date:	11/25/1992	Confirm Leak:	04/14/1992
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	04/01/1992

LUST Region 3:			
Enter Date:	01/11/93	PROP65 Mail:	False
Emergency:	False	Case Number:	2300.00000
Reported By:	Not reported Not reported		

Representing: Other
Respbie Party: SBC PULBIC WORKS
RP Address: 630 GARDEN STREET SANTA BARBARA CA 93102-1990

Operator:	Not reported	Contact:	LEIF REYNOLDS
Cross Street:	Not reported		
Local Agency:	42000	Reg Board:	Central Coast Region
Chemical:	Diesel	Quantity:	Not reported
Discovered:	/ /	Stop Date:	/ /
How Found:	Other Means	How Stopped:	Other Means
Source:	Unknown		

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SANTA BARBARA AVIATION FUEL FA (Continued)

U001580725

Cause:	Unknown	Staff Initials:	RBA
Lead Agency:	Local Agency	Review Date:	11/25/92
Case Type:	Undefined	Funding:	Federal Funds
Priority:	0	Workplan:	//
Status:	Preliminary site assessment underway	Pollution Char:	//
Abate Method:	U	Remed Action:	//
Refer Date:	//	Close Date:	//
R.P. Search:	Solvent	Pilot Program:	True
Confirm Leak:	04/14/92	Tracking Use:	Not reported
Prelim Assess:	//	Tracking Use:	Not reported
Remed Plan:	//	Tracking Use:	Not reported
Monitoring:	//	Region:	3
Enforce Type:	Not reported	Description:	Not reported
Enforce Date:	//	MTBE Detected:	No
First Tracking:	//		
Scnd Tracking:	//		
Third Tracking:	//		
Interim Action:	False		
Contaminants:	DIESEL		
MTBE Discharged:	/		
Site Phone:	Not reported		
Watershed:	15.32		
Basin Plan:	Not reported		
Summary:	Not reported		

CORTESE:

Reg By: LTNKA
 Reg Id: 2300.00000
 Region: CORTESE

State UST:

Facility ID:	57936	Container Num:	SBA#4
Tank Num:	1	Year Installed:	Not reported
Tank Capacity:	12000	Tank Constrctn:	.250 inches
Tank Used for:	PRODUCT	Telephone:	(805) 967-5608
Type of Fuel:	Not Reported	Region:	Not reported
Leak Detection:	None	Other Type:	AIRPORT
Contact Name:	JOE HESLIN		
Total Tanks:	4		
Facility Type:	2		

Facility ID:	57936	Container Num:	SBA #3
Tank Num:	2	Year Installed:	Not reported
Tank Capacity:	12000	Tank Constrctn:	.250 inches
Tank Used for:	PRODUCT	Telephone:	(805) 967-5608
Type of Fuel:	Not Reported	Region:	Not reported
Leak Detection:	None	Other Type:	AIRPORT
Contact Name:	JOE HESLIN		
Total Tanks:	4		
Facility Type:	2		

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Site Database(s) EPA ID Number EDR ID Number

SANTA BARBARA AVIATION FUEL FA (Continued)

U001580725

Facility ID: 57936
 Tank Num: 3
 Tank Capacity: 10000
 Tank Used for: PRODUCT
 Type of Fuel: Not Reported
 Leak Detection: None
 Contact Name: JOE HESLIN
 Total Tanks: 4
 Facility Type: 2

Container Num: SBA #2
 Year Installed: Not reported
 Tank Constrctn: .250 inches
 Telephone: (805) 967-5608
 Region: Not reported
 Other Type: AIRPORT

Facility ID: 57936
 Tank Num: 4
 Tank Capacity: 10000
 Tank Used for: PRODUCT
 Type of Fuel: Not Reported
 Leak Detection: None
 Contact Name: JOE HESLIN
 Total Tanks: 4
 Facility Type: 2

Container Num: SBA #1
 Year Installed: Not reported
 Tank Constrctn: .250 inches
 Telephone: (805) 967-5608
 Region: Not reported
 Other Type: AIRPORT

F29
 SE
 1/4-1/2
 2104

DYNASEN INC
 100 ARNOLD PL
 SANTA BARBARA, CA 93117

Ca. FID S101594304
 N/A

FID:
 Facility ID: 42003193
 Reg By: Inactive Underground Storage Tank Location
 Cortese Code: Not reported
 Status: Inactive
 Mail To: Not reported
 300 N LOS ANGELES ST
 SANTA BARBARA, CA 93117

Regulate ID: Not reported
 SIC Code: Not reported
 Facility Tel: Not reported

Contact: Not reported
 DUNs No: Not reported
 Creation: 10/22/93
 EPA ID: Not reported
 Comments: Not reported

Contact Tel: Not reported
 NPDES No: Not reported
 Modified: 00/00/00

F30
 SE
 1/4-1/2
 2115

SANTA BARBARA AVIATION INC
 ARNOLD PL
 SANTA BARBARA, CA 93117

Ca. FID S101619965
 N/A

G31
 North
 1/4-1/2
 2152

CALIFORNIA HIGHWAY PATROL
 6465 CALLE REAL
 GOLETA, CA 93117

Ca. FID S101630020
 N/A

G32
 North
 1/4-1/2
 2152

CALIFORNIA HIGHWAY PATROL
 6465 CALLE REAL
 GOLETA, CA 93117

UST U001580682
 N/A

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

CALIFORNIA HIGHWAY PATROL (Continued)

U001580682

State UST:

Facility ID:	17982	Container Num:	760-1
Tank Num:	1	Year Installed:	1982
Tank Capacity:	12000	Tank Constrctn:	Not reported
Tank Used for:	PRODUCT	Telephone:	(805) 967-1234
Type of Fuel:	UNLEADED	Region:	Not reported
Leak Detection:	Visual, Stock Inventor	Other Type:	CHP
Contact Name:	Not reported		
Total Tanks:	1		
Facility Type:	2		

33
 ESE
 1/4-1/2
 2163

FAA, SB AIRPORT
 10 BURNS PL
 GOLETA, CA

CA SLIC

S102858427
 N/A

SLIC Region 3:

Entered Into Database:	Not reported
How Contamination Occurred:	Not reported
Watershed:	Not reported
PROP65 Mail:	False
Emergency Action Taken:	False
Unique Case Number:	164.00000
Date First Reported:	Not reported
Person Who Reported Leak:	Not reported
Who Reporting Party Represents:	Not reported
Reporting Party's Address:	Not reported
Operator:	Not reported
Responsible Party Search Status:	Not reported
Responsible Party:	Not reported
Responsible Party's Address:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Phone:	Not reported
Responsible Party PO Box:	Not reported
Facility Phone:	Not reported
Leak Site Cross Street:	Not reported
Local Agency:	Not reported
Primary Substance leaked:	VOC's
Quantity Leaked (Gal):	Not reported
Date Leak Found:	Not reported
How Lead Was Discovered:	Not reported
Date Leak Stopped:	//
How Lead Was Discovered:	Not reported
Lead Agency:	Not reported
Priority Level:	Not reported
Case Type:	Not reported
Facility Status:	Case Closed
Abatement Method:	Not reported
Staff Member:	RBA
Date Case Given to Regional Board:	Not reported
Cost Recovery:	False
Confirmation of Leak Date:	Not reported
Preliminary Site Assessment Workplan Date:	Not reported
Preliminary Site Assessment Began Date:	Not reported
Pollution Characterization Began Date:	Not reported
Remediation Plan Submitted Date:	Not reported
Remedial Action Underway Date:	Not reported
Post Remedial Action Monitoring Date:	Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)Site		Database(s)	EPA ID Number

FAA, SB AIRPORT (Continued)

S102858427

Enforcement Action Taken:	Not reported
Emergency Response Date:	Not reported
Case Closed Date:	Not reported
Significant Interim Remedial Actions:	False
Basin Plan:	Not reported
Summary:	Not reported

G34
North
1/4-1/2
2191

CENTRAL COAST ANAL SVC OF SB
6483 D CALLE REAL
GOLETA, CA 93117

RCRIS-SQG 1000419183
FINDS CAD982344418

RCRIS:

Owner: CENTRAL COAST ANA
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER
(805) 964-7838

Record Date: 09/01/1996

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

35
North
1/4-1/2
2199

VISCARRAS REFINISHING
6489 CALLE REAL SUITE F
GOLETA, CA 93117

RCRIS-SQG 1000168003
FINDS CAD981655756

RCRIS:

Owner: RANDOLPH A VISCARRA
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER
(805) 967-7615

Record Date: 09/15/1986

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

H36
East
1/4-1/2
2223

ROBIN HILL
75 ROBIN HILL ROAD
GOLETA, CA 93117

UST U001580723
N/A

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ROBIN HILL (Continued)

U001580723

State UST:

Facility ID:	1253	Container Num:	RH-1
Tank Num:	1	Year Installed:	1982
Tank Capacity:	4000	Tank Constrctn:	3/16 inches
Tank Used for:	WASTE	Telephone:	(805) 683-5353
Type of Fuel:	Not Reported	Region:	Not reported
Leak Detection:	Stock Inventor	Other Type:	MAGNETIC RECORDING H
Contact Name:	ROBERT ANDERSON		
Total Tanks:	4		
Facility Type:	2		

Facility ID:	1253	Container Num:	RH-2
Tank Num:	2	Year Installed:	1982
Tank Capacity:	2000	Tank Constrctn:	3/16 inches
Tank Used for:	WASTE	Telephone:	(805) 683-5353
Type of Fuel:	Not Reported	Region:	Not reported
Leak Detection:	Stock Inventor	Other Type:	MAGNETIC RECORDING H
Contact Name:	ROBERT ANDERSON		
Total Tanks:	4		
Facility Type:	2		

Facility ID:	1253	Container Num:	RH-3
Tank Num:	3	Year Installed:	1982
Tank Capacity:	2000	Tank Constrctn:	3/16 inches
Tank Used for:	WASTE	Telephone:	(805) 683-5353
Type of Fuel:	Not Reported	Region:	Not reported
Leak Detection:	Stock Inventor	Other Type:	MAGNETIC RECORDING H
Contact Name:	ROBERT ANDERSON		
Total Tanks:	4		
Facility Type:	2		

Facility ID:	1253	Container Num:	RH-4
Tank Num:	4	Year Installed:	1981
Tank Capacity:	1000	Tank Constrctn:	3/16 inches
Tank Used for:	WASTE	Telephone:	(805) 683-5353
Type of Fuel:	Not Reported	Region:	Not reported
Leak Detection:	Stock Inventor	Other Type:	MAGNETIC RECORDING H
Contact Name:	ROBERT ANDERSON		
Total Tanks:	4		
Facility Type:	2		

H37 APPLIED MAGNETICS CORP
 East 75 ROBIN HILL RD
 1/4-1/2 GOLETA, CA 93017
 2223

FINDS 1000284779
 RCRIS-LQG CAD008342198

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

APPLIED MAGNETICS CORP (Continued)

1000284779

RCRIS:

Owner: APPLIED MAGNETICS CORPORATION
 (415) 555-1212
 Contact: ENVIRONMENTAL MANAGER
 (805) 964-4881
 Record Date: 02/02/1998
 Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1995

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	24149.36	D002	4125.00
D007	3920.00	D011	3920.00
F001	350.29	F003	11071.42
F006	55200.00	F009	788.16

Used Oil Recyc: No

Violation Status: Violation information exist

There are 2 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	10/20/1995
	Generator-All Requirements	10/20/1995

38
 SW
 1/4-1/2
 2252

FAA SANTA BARBARA AIRPORT RTR
 6551 HOLLISTER AVE
 SANTA BARBARA, CA 93117

Ca. FID

S101594377
 N/A

FID:

Facility ID: 42003323 Regulate ID: Not reported
 Reg By: Active Underground Storage Tank Location
 Cortese Code: Not reported SIC Code: Not reported
 Status: Active Facility Tel: (805) 984-1420
 Mail To: Not reported
 5885 WEST IMPERIAL HWY
 SANTA BARBARA, CA 93117
 Contact: Not reported Contact Tel: Not reported
 DUNs No: Not reported NPDES No: Not reported
 Creation: 10/22/93 Modified: 00/00/00
 EPA ID: Not reported
 Comments: Not reported

39
 East
 1/4-1/2
 2295

APPLIED MAGNETICS CORP
 75 ROBIN HILL RD
 GOLETA, CA 93117

Ca. FID

S101594258
 N/A

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)Site		Database(s)	EPA ID Number

APPLIED MAGNETICS CORP (Continued)

S101594258

FID:

Facility ID:	42001778	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location	SIC Code:	Not reported
Cortese Code:	Not reported	Facility Tel:	(805) 683-5353
Status:	Active		
Mail To:	Not reported		
	75 ROBIN HILL RD		
	GOLETA, CA 93117		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

**40
SE
1/4-1/2
2400**

**SB JET CHARTER
1601 COOK PL
SANTA BARBARA, CA 93117**

Ca. FID

**S101594307
N/A**

FID:

Facility ID:	42003197	Regulate ID:	Not reported
Reg By:	Inactive Underground Storage Tank Location	SIC Code:	Not reported
Cortese Code:	Not reported	Facility Tel:	Not reported
Status:	Inactive		
Mail To:	Not reported		
	P.O. BOX 1990		
	SANTA BARBARA, CA 93117		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

**I41
ESE
1/4-1/2
2445**

**RAYTHEON ELECTROMAGNETIC SYSTEMS
6380 HOLLISTER AVE
GOLETA, CA 93117**

FINDS

**1000407766
CAD001425206**

**RCRIS-LQG
RCRIS-TSD
CORRACTS
CERC-NFRAP
CA SLIC**

CERCLIS-NFRAP Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Not reported
Ownership Status:	Private	NPL Status:	Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment:	DISCOVERY	Completed:	19910401
Assessment:	PRELIMINARY ASSESSMENT	Completed:	19910909

CORRACTS Data:

Prioritization:	High
Status:	RCRA Facility Assessment Completed, RFI Imposition, RFI Workplan Approved, Stabilization Measures Evaluation

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

RAYTHEON ELECTROMAGNETIC SYSTEMS (Continued)

1000407766

RCRIS:

Owner: RAYTHEON ESD
 (805) 967-5511

Contact: ENVIRONMENTAL MANAGER
 (805) 967-5511

Record Date: 09/01/1996

Classification: Large Quantity Generator, Hazardous Waste Transporter

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1995

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	3718.20	D002	3385.00
D003	115.00	D006	371.20
D007	10602.00	D008	450.00
D009	1959.00	D011	7103.00
D039	61.20	D040	61.20
F001	6121.00	F002	2551.00
F003	8672.00	F005	9221.00
F006	770.00	P098	115.00

Used Oil Recyc: No

Violation Status: Violation information exist

There are 10 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	-
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	-
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	-
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	-
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	-
Compliance Evaluation Inspection (CEI)	TSD-Land Ban Requirements	05/02/1992
Compliance Evaluation Inspection (CEI)	Generator-Land Ban Requirements	-
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	05/02/1992
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	05/02/1992
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	05/02/1992

SLIC Region 3:

Entered Into Database: Not reported

How Contamination Occurred: Not reported

Watershed: 15.31

PROP65 Mail: False

Emergency Action Taken: False

Unique Case Number: 108.00000

Date First Reported: Not reported

Person Who Reported Leak: Not reported

Who Reporting Party Represents: Not reported

Reporting Party's Address: Not reported

Operator: Not reported

Responsible Party Search Status: Not reported

Responsible Party: RAYTHEON

Responsible Party's Address: 6380 HOLLISTER AVE GOLETA

Responsible Party Contact: GARY COX

Responsible Party Phone: (805) 967-5511

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

RAYTHEON ELECTROMAGNETIC SYSTEMS (Continued)

1000407766

Responsible Party PO Box:	Not reported
Facility Phone:	Not reported
Leak Site Cross Street:	Not reported
Local Agency:	Not reported
Primary Substance leaked:	13 SOLVENT, METALS
Quantity Leaked (Gal):	Not reported
Date Leak Found:	Not reported
How Lead Was Discovered:	Not reported
Date Leak Stopped:	/ /
How Lead Was Discovered:	Not reported
Lead Agency:	Not reported
Priority Level:	Priority 1 (Top Priority)
Case Type:	Other ground water affected
Facility Status:	Leak Being Confirmed
Abatement Method:	Not reported
Staff Member:	RBA
Date Case Given to Regional Board:	Not reported
Cost Recovery:	False
Confirmation of Leak Date:	Not reported
Preliminary Site Assessment Workplan Date:	Not reported
Preliminary Site Assessment Began Date:	Not reported
Pollution Characterization Began Date:	Not reported
Remediation Plan Submitted Date:	Not reported
Remedial Action Underway Date:	08/01/98
Post Remedial Action Monitoring Date:	Not reported
Enforcement Action Taken:	Not reported
Emergency Response Date:	Not reported
Case Closed Date:	Not reported
Significant Interim Remedial Actions:	False
Basin Plan:	MUN
Summary:	Not reported

I42
 ESE
 1/4-1/2
 2519

ARBITER SYSTEMS, INC.
 1402 FIRESTONE RD
 SANTA BARBARA, CA 93117

Ca. FID

S101594329
 N/A

FID:

Facility ID:	42003251	Regulate ID:	Not reported
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	Not reported
Mail To:	Not reported		
	630 GARDEN ST		
	SANTA BARBARA, CA 93117		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

I43
 ESE
 1/4-1/2
 2530

SANTA BARBARA, CITY OF VACANT
 1401 FIRESTONE RD
 SANTA BARBARA, CA 93117

Ca. FID

S101594313
 N/A

MAP FINDINGS

Map ID Direction EDR ID Number
 Distance Database(s) EPA ID Number
 Distance (ft.)Site

SANTA BARBARA, CITY OF VACANT (Continued)

S101594313

FID:
 Facility ID: 42003207 Regulate ID: Not reported
 Reg By: Inactive Underground Storage Tank Location
 Cortese Code: Not reported SIC Code: Not reported
 Status: Inactive Facility Tel: (805) 967-4185
 Mail To: Not reported
 300 N LOS ANGELES ST
 SANTA BARBARA, CA 93117
 Contact: Not reported Contact Tel: Not reported
 DUNs No: Not reported NPDES No: Not reported
 Creation: 10/22/93 Modified: 00/00/00
 EPA ID: Not reported
 Comments: Not reported

J44
 SE
 1/4-1/2
 2557

SAIC-MARIPRO
 1522 COOK PL
 SANTA BARBARA, CA 93117

Ca. FID

S101594310
 N/A

FID:
 Facility ID: 42003204 Regulate ID: Not reported
 Reg By: Inactive Underground Storage Tank Location
 Cortese Code: Not reported SIC Code: Not reported
 Status: Inactive Facility Tel: (805) 967-4185
 Mail To: Not reported
 300 N LOS ANGELES ST
 SANTA BARBARA, CA 93117
 Contact: Not reported Contact Tel: Not reported
 DUNs No: Not reported NPDES No: Not reported
 Creation: 10/22/93 Modified: 00/00/00
 EPA ID: Not reported
 Comments: Not reported

J45
 ESE
 1/4-1/2
 2598

FAA SANTA BARBARA AIRPORT ASR
 1505 COOK PL
 SANTA BARBARA, CA 93117

Ca. FID

S101594225
 N/A

FID:
 Facility ID: 42001322 Regulate ID: Not reported
 Reg By: Active Underground Storage Tank Location
 Cortese Code: Not reported SIC Code: Not reported
 Status: Active Facility Tel: (805) 967-4185
 Mail To: Not reported
 5885 WEST IMPERIAL HWY
 SANTA BARBARA, CA 93117
 Contact: Not reported Contact Tel: Not reported
 DUNs No: Not reported NPDES No: Not reported
 Creation: 10/22/93 Modified: 00/00/00
 EPA ID: Not reported
 Comments: Not reported

J46
 ESE
 1/4-1/2
 2603

ASR-RADAR
 1503 CECIL COOK PLACE
 GOLETA, CA 93017

UST

U001579555
 N/A

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

ASR-RADAR (Continued)

U001579555

State UST:

Facility ID:	59031	Container Num:	1
Tank Num:	1	Year Installed:	1980
Tank Capacity:	1000	Tank Constrctn:	Not reported
Tank Used for:	PRODUCT	Telephone:	(805) 967-4185
Type of Fuel:	DIESEL	Region:	Not reported
Leak Detection:	Visual, Stock Inventor	Other Type:	RADAR
Contact Name:	CHET ISGAR		
Total Tanks:	2		
Facility Type:	2		
Facility ID:	59031	Container Num:	2
Tank Num:	2	Year Installed:	1982
Tank Capacity:	1000	Tank Constrctn:	Not reported
Tank Used for:	PRODUCT	Telephone:	(805) 967-4185
Type of Fuel:	DIESEL	Region:	Not reported
Leak Detection:	Visual, Stock Inventor	Other Type:	RADAR
Contact Name:	CHET ISGAR		
Total Tanks:	2		
Facility Type:	2		

J47
 ESE
 1/4-1/2
 2603

FAA SANTA BARBARA AIRPORT ATCT
 1503 COOK PL
 SANTA BARBARA, CA 93117

Ca. FID

S101594376
 N/A

FID:

Facility ID:	42003322	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location	SIC Code:	Not reported
Cortese Code:	Not reported	Facility Tel:	(805) 967-4185
Status:	Active		
Mail To:	Not reported		
	5885 WEST IMPERIAL HWY		
	SANTA BARBARA, CA 93117		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

48
 East
 1/4-1/2
 2615

DOLLAR ROOFING
 6326 LINDMAR DR
 GOLETA, CA 93117

RCRIS-SQG
 FINDS

1000277479
 CAD981656655

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

DOLLAR ROOFING (Continued)

1000277479

RCRIS:

Owner: RICHARD B HERMAN
 (415) 555-1212
 Contact: ENVIRONMENTAL MANAGER
 (805) 964-2123
 Record Date: 09/30/1986
 Classification: Small Quantity Generator
 Used Oil Recyc: No
 Violation Status: No violations found

49
 ESE
 1/2-1
 2794

CITY OF SANTA BARBARA AIRPORT
 1301 FIRESTONE RD
 SANTA BARBARA, CA 93117

LUST

S102428074
 N/A

State LUST:

Facility Type:	INACTIVE	Cross Street:	Not reported
Reg Board:	Central Coast Region	Qty Leaked:	Not reported
Chemical:	Diesel		
Lead Agency:	Local Agency		
Case Type:	Undefined		
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)		
Review Date:	06/20/1991	Confirm Leak:	05/10/1989
Workplan:	Not reported	Prelim Assess:	05/15/1990
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	09/04/1990	Monitoring:	Not reported
Close Date:	03/28/1991	Release Date:	05/05/1989

LUST Region 3:

Enter Date:	08/23/92	PROP65 Mail:	False
Emergency:	False	Case Number:	2235.00000
Reported By:	BROWN		
	Not reported		
Representing:	Other		
Responsible Party:	CITY OF SANTA BARBARA		
RP Address:	P.O. BOX 1990 SANTA BARBARA CA 93102-1990		
	Not reported		
Operator:	Not reported	Contact:	TONY RAYA
Cross Street:	Not reported		
Local Agency:	42000	Reg Board:	Central Coast Region
Chemical:	Diesel	Quantity:	Not reported
Discovered:	//	Stop Date:	//
How Found:	Other Means	How Stopped:	Other Means
Source:	Unknown		
Cause:	Unknown		
Lead Agency:	Local Agency		
Case Type:	Undefined		
Priority:	0	Staff Initials:	RBA
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)		
Refer Date:	//	Review Date:	06/20/91
R.P. Search:	Solvent	Funding:	Federal Funds

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

CITY OF SANTA BARBARA AIRPORT (Continued)

S102428074

Confirm Leak:	05/10/89	Workplan:	//
Prelim Assess:	05/15/90	Pollution Char:	//
Remed Plan:	//	Remed Action:	09/04/90
Monitoring:	//	Close Date:	03/28/91
Enforce Type:	Not reported		
Enforce Date:	//	Pilot Program:	True
First Tracking:	//	Tracking Use:	Not reported
Scnd Tracking:	//	Tracking Use:	Not reported
Third Tracking:	//	Tracking Use:	Not reported
Interim Action:	False	Region:	3
Contaminants:	DIESEL	Description:	Not reported
MTBE Discharged:	//	MTBE Detected:	No
Site Phone:	Not reported		
Watershed:	15.32		
Basin Plan:	Not reported		
Summary:	Not reported		

50
 West
 1/2-1
 2854

MOSELEY ASSOCIATES, INC
 111 CASTILIAN DR
 GOLETA, CA 93117

Cal-Sites

S101482255
 N/A

CAL-SITES:

Facility ID	42360032
Status:	NFA
Status Date:	10/12/1994
Lead:	Not reported
Region:	3 - BURBANK
Branch:	SB - SOUTHERN CA. - B
File Name:	Not reported
Status Name:	NO FURTHER ACTION FOR DTSC
Lead Agency:	N/A
NPL:	Not reported
SIC:	36 MANU - ELECTRONIC & OTHER ELECTRIC EQUIP
Facility Type:	N/A
Facility Type Name:	Not reported
Staff Member Responsible for Site:	Not reported
Supervisor Responsible for Site:	MMONROY
Region Water Control Board:	Not reported
Access:	Not reported
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Not reported
No. of Contamination Sources:	0.00000
Lat/Long:	0.00000° 0.00000' 0.00000" / 0.00000° 0.00000' 0.00000"
Lat/long Method:	Not reported
State Assembly District Code:	Not reported
State Senate District:	Not reported

51
 ENE
 1/2-1
 3054

SANTA BARBARA LEMON ASSOC.
 30 S LA PATERA LN
 GOLETA, CA 93117

LUST
 HAZNET

S100622032
 N/A

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SANTA BARBARA LEMON ASSOC. (Continued)

S100622032

State LUST:

Facility Type	INACTIVE	Cross Street:	Not reported
Reg Board:	Central Coast Region	Qty Leaked:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site, Pump and Treat Ground Water - generally employed to remove dissolved contaminants, Vent Soil - bore holes in soil to allow volatilization of contaminants		
Review Date:	01/08/1991	Confirm Leak:	04/13/1987
Workplan:	Not reported	Prelim Assess:	02/01/1988
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	05/13/1988	Monitoring:	02/14/1990
Close Date:	01/07/1991	Release Date:	03/11/1987

LUST Region 3:

Enter Date:	08/23/92	PROP65 Mail:	False
Emergency:	False	Case Number:	2238.00000
Reported By:	BROWN		
	Not reported		
Representing:	Other		
Respble Party:	S.B. BANK & TRUST		
RP Address	P.O. DRAWER JJ SANTA BARBARA, CA 93102		
	Not reported		
Operator:	Not reported	Contact:	GARY NEWMAN
Cross Street:	Not reported		
Local Agency:	42000	Reg Board:	Central Coast Region
Chemical:	Gasoline	Quantity:	Not reported
Discovered:	//	Stop Date:	//
How Found:	Other Means	How Stopped:	Other Means
Source:	Unknown		
Cause:	Unknown		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Priority:	0	Staff Initials:	RBA
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	Pump and Treat Ground Water - generally employed to remove dissolved contaminants, Excavate and Dispose - remove contaminated soil and dispose in approved site, Vent Soil - bore holes in soil to allow volatilization of contaminants		
Refer Date:	//	Review Date:	01/08/91
R.P. Search:	Solvent	Funding:	State Funds
Confirm Leak:	04/13/87	Workplan:	//
Prelim Assess:	02/01/88	Pollution Char:	//
Remed Plan:	//	Remed Action:	05/13/88
Monitoring:	02/14/90	Close Date:	01/07/91
Enforce Type:	Not reported		
Enforce Date:	//	Pilot Program:	True
First Tracking:	//	Tracking Use:	Not reported
Scnd Tracking:	//	Tracking Use:	Not reported
Third Tracking:	//	Tracking Use:	Not reported
Interim Action:	False	Region:	3
Contaminants:	GASOLINE	Description:	Not reported
MTBE Discharged:	//	MTBE Detected:	No
Site Phone:	Not reported		

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SANTA BARBARA LEMON ASSOC. (Continued)

S100622032

Watershed: 15.31
 Basin Plan: Not reported
 Summary: Not reported

HAZNET:

Year: Not reported
 Gepaid: CAL000026371
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: ROMIC CHEMICAL CORP
 Tsd Address: 2081 BAY RD
 PALO ALTO
 Tsd County: Santa Clara
 Mailing Address: Not reported
 Category: 212
 Disposal Method: D99

Tepaid: CAD009452657
 Telephone: Not reported
 Tons: 108

52
 East
 1/2-1
 3256

APPLIED MAGNETICS CORPORATION
 6300 HOLLISTER AVE
 GOLETA, CA 93117

FINDS 1000284773
 RCRIS-LQG CAD982481863
 TRIS
 Ca. FID
 LUST
 HAZNET

RCRIS:

Owner: APPLIED MAGNETICS COR
 (415) 555-1212
 Contact: ENVIRONMENTAL MANAGER
 (805) 683-5353
 Record Date: 09/01/1996
 Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1995

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	27454.13	F003	28635.83
F006	40800.00	F009	1444.95

Used Oil Recyc: No

Violation Status: No violations found

State LUST:

Facility Type: INACTIVE
 Reg Board: Central Coast Region
 Chemical: Acetic Acid
 Lead Agency: Local Agency
 Case Type: Undefined
 Status: Signed off, remedial action completed or deemed unnecessary
 Abate Method: U
 Review Date: 06/30/1992
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Close Date: Not reported

Cross Street: ROBIN HILL ROAD
 Qty Leaked: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported
 Monitoring: Not reported
 Release Date: 03/24/1992

LUST Region 3:

Enter Date: 06/29/92
 Emergency: False
 PROP65 Mail: False
 Case Number: 2129.00000

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

APPLIED MAGNETICS CORPORATION (Continued)

1000284773

Reported By: LARRY D PERSON
 120 CREMONA DR SUITE C GOLETA CA 93117

Representing: Other
 Respble Party: APPLIED MAGNETICS
 RP Address 6300 HOLLISTER AVE GOLETA CA 93117
 (805)683-5353

Operator: Not reported Contact: RICHARD DEAN
 Cross Street: ROBIN HILL ROAD
 Local Agency: 42000 Reg Board: Central Coast Region
 Chemical: Acetic Acid Quantity: Not reported
 Discovered: 03/24/92 Stop Date: / /
 How Found: Other Means How Stopped: Repair Tank
 Source: Tank
 Cause: Structure Failure
 Lead Agency: Local Agency
 Case Type: Undefined
 Priority: 0 Staff Initials: RBA
 Status: Signed off, remedial action completed or deemed unnecessary
 Abate Method: U
 Refer Date: / / Review Date: 06/30/92
 R.P. Search: Search Not Completed Funding: Not reported
 Confirm Leak: / / Workplan: / /
 Prelim Assess: / / Pollution Char: / /
 Remed Plan: / / Remed Action: / /
 Monitoring: / / Close Date: / /
 Enforce Type: Not reported
 Enforce Date: / / Pilot Program: False
 First Tracking: / / Tracking Use: Not reported
 Scnd Tracking: / / Tracking Use: Not reported
 Third Tracking: / / Tracking Use: Not reported
 Interim Action: False Region: 3
 Contaminants: ACETIC ACID Description: Not reported
 MTBE Discharged: / MTBE Detected: No
 Site Phone: (805)683-5353
 Watershed: 15.31
 Basin Plan: Not reported
 Summary: Not reported

HAZNET:

Year: Not reported
 Gepaid: CAD982481863 Tepaid: CAD008302903
 Contact: Not reported Telephone: Not reported
 Gen County: Not reported Tons: 116
 Tsd Name: CHEM WASTE MGR
 Tsd Address: 1704 W FIRST ST
 AZUSA
 Tsd County Los Angeles
 Mailing Address: Not reported
 Category: 351
 Disposal Method: R01

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

APPLIED MAGNETICS CORPORATION (Continued)

1000284773

Year: Not reported
 Gepaid: CAD982481863
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: ROMIC CHEMICAL CORP
 Tsd Address: 2081 BAY RD
 PALO ALTO
 Tsd County Santa Clara
 Mailing Address: Not reported
 Category: 133
 Disposal Method: D99

Tepaid: CAD009452657
 Telephone: Not reported
 Tons: 20

Year: Not reported
 Gepaid: CAD982481863
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: ROMIC CHEMICAL CORP
 Tsd Address: 2081 BAY RD
 PALO ALTO
 Tsd County Santa Clara
 Mailing Address: Not reported
 Category: 133
 Disposal Method: R01

Tepaid: CAD009452657
 Telephone: Not reported
 Tons: 12

Year: Not reported
 Gepaid: CAD982481863
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: ROMIC CHEMICAL CORP
 Tsd Address: 2081 BAY RD
 PALO ALTO
 Tsd County Santa Clara
 Mailing Address: Not reported
 Category: 133
 Disposal Method: UNK

Tepaid: CAD009452657
 Telephone: Not reported
 Tons: 20

Year: Not reported
 Gepaid: CAD982481863
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: ROMIC CHEMICAL CORP
 Tsd Address: 2081 BAY RD
 PALO ALTO
 Tsd County Santa Clara
 Mailing Address: Not reported
 Category: 212
 Disposal Method: D99

Tepaid: CAD009452657
 Telephone: Not reported
 Tons: 34

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

APPLIED MAGNETICS CORPORATION (Continued)

1000284773

Year: Not reported
 Gepaid: CAD982481863
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: ROMIC CHEMICAL CORP
 Tsd Address: 2081 BAY RD
 PALO ALTO
 Tsd County Santa Clara
 Mailing Address: Not reported
 Category: 221
 Disposal Method: D99

Tepaid: CAD009452657
 Telephone: Not reported
 Tons: 66

Year: Not reported
 Gepaid: CAD982481863
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: ROMIC CHEMICAL CORP
 Tsd Address: 2081 BAY RD
 PALO ALTO
 Tsd County Santa Clara
 Mailing Address: Not reported
 Category: 343
 Disposal Method: D99

Tepaid: CAD009452657
 Telephone: Not reported
 Tons: 668

Year: Not reported
 Gepaid: CAD982481863
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: ROMIC CHEMICAL CORP
 Tsd Address: 2081 BAY RD
 PALO ALTO
 Tsd County Santa Clara
 Mailing Address: Not reported
 Category: 343
 Disposal Method: R01

Tepaid: CAD009452657
 Telephone: Not reported
 Tons: 137

Year: Not reported
 Gepaid: CAD982481863
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: ROMIC CHEMICAL CORP
 Tsd Address: 2081 BAY RD
 PALO ALTO
 Tsd County Santa Clara
 Mailing Address: Not reported
 Category: 343
 Disposal Method: UNK

Tepaid: CAD009452657
 Telephone: Not reported
 Tons: 206

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

APPLIED MAGNETICS CORPORATION (Continued)

1000284773

Year: Not reported
 Gepaid: CAD982481863
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: ROMIC CHEMICAL CORP
 Tsd Address: 2081 BAY RD
 PALO ALTO
 Tsd County Santa Clara
 Mailing Address: Not reported
 Category: 541
 Disposal Method: D99

Tepaid: CAD009452657
 Telephone: Not reported
 Tons: 363

Year: Not reported
 Gepaid: CAD982481863
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: ROMIC CHEMICAL CORP
 Tsd Address: 2081 BAY RD
 PALO ALTO
 Tsd County Santa Clara
 Mailing Address: Not reported
 Category: 541
 Disposal Method: UNK

Tepaid: CAD009452657
 Telephone: Not reported
 Tons: 79

Year: Not reported
 Gepaid: CAD982481863
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: ROMIC CHEMICAL CORP
 Tsd Address: 2081 BAY RD
 PALO ALTO
 Tsd County Santa Clara
 Mailing Address: Not reported
 Category: 741
 Disposal Method: D99

Tepaid: CAD009452657
 Telephone: Not reported
 Tons: 20

Year: Not reported
 Gepaid: CAD982481863
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: ROMIC CHEMICAL CORP
 Tsd Address: 2081 BAY RD
 PALO ALTO
 Tsd County Santa Clara
 Mailing Address: Not reported
 Category: 741
 Disposal Method: R01

Tepaid: CAD009452657
 Telephone: Not reported
 Tons: 12

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

APPLIED MAGNETICS CORPORATION (Continued)

1000284773

Year: Not reported
 Gepaid: CAD982481863
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 171
 Disposal Method: D80

Tepaid: CAT000646117
 Telephone: Not reported
 Tons: 421

Year: Not reported
 Gepaid: CAD982481863
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 171
 Disposal Method: T01

Tepaid: CAT000646117
 Telephone: Not reported
 Tons: 421

Year: Not reported
 Gepaid: CAD982481863
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 181
 Disposal Method: D80

Tepaid: CAT000646117
 Telephone: Not reported
 Tons: 1090

Year: Not reported
 Gepaid: CAD982481863
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 181
 Disposal Method: UNK

Tepaid: CAT000646117
 Telephone: Not reported
 Tons: 352

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

APPLIED MAGNETICS CORPORATION (Continued)

1000284773

Year:	Not reported	Tepaid:	CAT000646117
Gepaid:	CAD982481863	Telephone:	Not reported
Contact:	Not reported	Tons:	307
Gen County:	Not reported		
Tsd Name:	CHEMICAL WASTE MGMT INC/KETTLEMANHILLS		
Tsd Address:	KETTLEMAN N DOME LDFL HWY 41 KETTLEMAN CITY		
Tsd County	Kings		
Mailing Address:	Not reported		
Category:	352		
Disposal Method:	D80		
Year:	Not reported	Tepaid:	CAT000646117
Gepaid:	CAD982481863	Telephone:	Not reported
Contact:	Not reported	Tons:	55
Gen County:	Not reported		
Tsd Name:	CHEMICAL WASTE MGMT INC/KETTLEMANHILLS		
Tsd Address:	KETTLEMAN N DOME LDFL HWY 41 KETTLEMAN CITY		
Tsd County	Kings		
Mailing Address:	Not reported		
Category:	352		
Disposal Method:	D99		
Year:	Not reported	Tepaid:	CAT000646117
Gepaid:	CAD982481863	Telephone:	Not reported
Contact:	Not reported	Tons:	163
Gen County:	Not reported		
Tsd Name:	CHEMICAL WASTE MGMT INC/KETTLEMANHILLS		
Tsd Address:	KETTLEMAN N DOME LDFL HWY 41 KETTLEMAN CITY		
Tsd County	Kings		
Mailing Address:	Not reported		
Category:	352		
Disposal Method:	UNK		
Year:	Not reported	Tepaid:	CAT000646117
Gepaid:	CAD982481863	Telephone:	Not reported
Contact:	Not reported	Tons:	110
Gen County:	Not reported		
Tsd Name:	CHEMICAL WASTE MGMT INC/KETTLEMANHILLS		
Tsd Address:	KETTLEMAN N DOME LDFL HWY 41 KETTLEMAN CITY		
Tsd County	Kings		
Mailing Address:	Not reported		
Category:	711		
Disposal Method:	D99		

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 Database(s) EPA ID Number

APPLIED MAGNETICS CORPORATION (Continued)

1000284773

Year: Not reported
 Gepaid: CAD982481863 Tepaid: CAT000646117
 Contact: Not reported Telephone: Not reported
 Gen County: Not reported Tons: 22
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 711
 Disposal Method: T01

Year: Not reported
 Gepaid: CAD982481863 Tepaid: CAT000646117
 Contact: Not reported Telephone: Not reported
 Gen County: Not reported Tons: 44
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 711
 Disposal Method: UNK

Year: Not reported
 Gepaid: CAD982481863 Tepaid: CAT000646117
 Contact: Not reported Telephone: Not reported
 Gen County: Not reported Tons: 630
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 724
 Disposal Method: T01

Year: Not reported
 Gepaid: CAD982481863 Tepaid: CAT000646117
 Contact: Not reported Telephone: Not reported
 Gen County: Not reported Tons: 300
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 724
 Disposal Method: UNK

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

APPLIED MAGNETICS CORPORATION (Continued)

1000284773

FID:

Facility ID:	42001813	Regulate ID:	Not reported
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	Not reported
Mail To:	Not reported		
	75 ROBIN HILL RD		
	GOLETA, CA 93117		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

53
 WSW
 1/2-1
 3591

SANTA BARBARA RESEARCH CENTER
 75 COROMAR DR
 GOLETA, CA 93117

FINDS 1000394893
 RCRIS-LQG CAD028260297
 RCRIS-TSD
 CORRACTS
 CERC-NFRAP
 Ca. FID
 Notify 65
 HAZNET
 Cal-Sites

CERCLIS-NFRAP Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Not reported
Ownership Status:	Private	NPL Status:	Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment:	DISCOVERY	Completed:	19910301
Assessment:	PRELIMINARY ASSESSMENT	Completed:	19910802

CORRACTS Data:

Prioritization: Low
 Status: Not reported

RCRIS:

Owner: RAYTHEON SYSTEMS CO
 (213) 569-7200

Contact: Not reported

Record Date: 07/01/1998

Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1995

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	35099.00	D002	5559.00
D003	5069.00	D006	18984.00
D007	9954.00	D008	1875.00
D009	17265.00	D010	1425.00
D011	4205.00	F001	33015.00
F002	31230.00	F003	62350.00
F005	49830.00	F007	450.00

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SANTA BARBARA RESEARCH CENTER (Continued)

1000394893

Used Oil Recyc: No

Violation Status: Violation information exist

There are 9 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	06/22/1994
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	01/09/1992
	Generator-All Requirements	01/09/1992
Compliance Evaluation Inspection (CEI)	TSD-Land Ban Requirements	04/10/1990
	Generator-Land Ban Requirements	04/10/1990
	TSD-Other Requirements	04/10/1990
Other Evaluation	TSD-Land Ban Requirements	02/28/1988
	Generator-Land Ban Requirements	02/28/1988
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	02/28/1988

CAL-SITES:

Facility ID: 42370001
 Status: REFR
 Status Date: 08/16/1988
 Lead: Not reported
 Region: 3 - BURBANK
 Branch: SA - SOUTHERN CA. - A
 File Name: Not reported
 Status Name: PROPERTY/SITE REFERRED TO RCRA
 Lead Agency: N/A
 NPL: Not reported
 SIC: 37 MANU - TRANSPORTATION EQUIPMENT
 Facility Type: N/A
 Facility Type Name: Not reported
 Staff Member Responsible for Site: Not reported
 Supervisor Responsible for Site: Not reported
 Region Water Control Board: Not reported
 Access: Not reported
 Cortese: Not reported
 Hazardous Ranking Score: Not reported
 Date Site Hazard Ranked: Not reported
 Groundwater Contamination: Not reported
 No. of Contamination Sources: 0.00000
 Lat/Long: 0.00000° 0.00000° 0.00000" / 0.00000° 0.00000° 0.00000"
 Lat/long Method: Not reported
 State Assembly District Code: Not reported
 State Senate District: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394893

HAZNET:

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: UNKNOWN
 Tsd Address: Not reported
 Tsd County: 99
 Mailing Address: Not reported
 Category: 181
 Disposal Method: UNK

Tepaid: AZT050010180
 Telephone: Not reported
 Tons: 6

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: UNKNOWN
 Tsd Address: Not reported
 Tsd County: 99
 Mailing Address: Not reported
 Category: 331
 Disposal Method: UNK

Tepaid: AZT050010180
 Telephone: Not reported
 Tons: 18

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: UNKNOWN
 Tsd Address: Not reported
 Tsd County: 99
 Mailing Address: Not reported
 Category: 724
 Disposal Method: UNK

Tepaid: AZT050010180
 Telephone: Not reported
 Tons: 19

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: UNKNOWN
 Tsd Address: Not reported
 Tsd County: 99
 Mailing Address: Not reported
 Category: 792
 Disposal Method: UNK

Tepaid: AZT050010180
 Telephone: Not reported
 Tons: 48

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 Database(s) EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394893

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEM WASTE MGR
 Tsd Address: 1704 W FIRST ST
 AZUSA
 Tsd County Los Angeles
 Mailing Address: Not reported
 Category: 133
 Disposal Method: D99

Tepaid: CAD008302903
 Telephone: Not reported
 Tons: 45

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEM WASTE MGR
 Tsd Address: 1704 W FIRST ST
 AZUSA
 Tsd County Los Angeles
 Mailing Address: Not reported
 Category: 133
 Disposal Method: R01

Tepaid: CAD008302903
 Telephone: Not reported
 Tons: 113

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEM WASTE MGR
 Tsd Address: 1704 W FIRST ST
 AZUSA
 Tsd County Los Angeles
 Mailing Address: Not reported
 Category: 212
 Disposal Method: D99

Tepaid: CAD008302903
 Telephone: Not reported
 Tons: 22

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEM WASTE MGR
 Tsd Address: 1704 W FIRST ST
 AZUSA
 Tsd County Los Angeles
 Mailing Address: Not reported
 Category: 212
 Disposal Method: R01

Tepaid: CAD008302903
 Telephone: Not reported
 Tons: 216

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394893

Year:	Not reported	Tepaid:	CAD008302903
Gepaid:	CAD028260297	Telephone:	Not reported
Contact:	Not reported	Tons:	44
Gen County:	Not reported		
Tsd Name:	CHEM WASTE MGR		
Tsd Address:	1704 W FIRST ST AZUSA		
Tsd County	Los Angeles		
Mailing Address:	Not reported		
Category:	212		
Disposal Method:	UNK		
Year:	Not reported	Tepaid:	CAD008302903
Gepaid:	CAD028260297	Telephone:	Not reported
Contact:	Not reported	Tons:	135
Gen County:	Not reported		
Tsd Name:	CHEM WASTE MGR		
Tsd Address:	1704 W FIRST ST AZUSA		
Tsd County	Los Angeles		
Mailing Address:	Not reported		
Category:	214		
Disposal Method:	D99		
Year:	Not reported	Tepaid:	CAD008302903
Gepaid:	CAD028260297	Telephone:	Not reported
Contact:	Not reported	Tons:	424
Gen County:	Not reported		
Tsd Name:	CHEM WASTE MGR		
Tsd Address:	1704 W FIRST ST AZUSA		
Tsd County	Los Angeles		
Mailing Address:	Not reported		
Category:	214		
Disposal Method:	R01		
Year:	Not reported	Tepaid:	CAD008302903
Gepaid:	CAD028260297	Telephone:	Not reported
Contact:	Not reported	Tons:	44
Gen County:	Not reported		
Tsd Name:	CHEM WASTE MGR		
Tsd Address:	1704 W FIRST ST AZUSA		
Tsd County	Los Angeles		
Mailing Address:	Not reported		
Category:	214		
Disposal Method:	UNK		

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394893

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEM WASTE MGR
 Tsd Address: 1704 W FIRST ST
 AZUSA
 Tsd County Los Angeles
 Mailing Address: Not reported
 Category: 221
 Disposal Method: D99

Tepaid: CAD008302903
 Telephone: Not reported
 Tons: 22

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEM WASTE MGR
 Tsd Address: 1704 W FIRST ST
 AZUSA
 Tsd County Los Angeles
 Mailing Address: Not reported
 Category: 221
 Disposal Method: R01

Tepaid: CAD008302903
 Telephone: Not reported
 Tons: 142

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEM WASTE MGR
 Tsd Address: 1704 W FIRST ST
 AZUSA
 Tsd County Los Angeles
 Mailing Address: Not reported
 Category: 223
 Disposal Method: R01

Tepaid: CAD008302903
 Telephone: Not reported
 Tons: 26

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEM WASTE MGR
 Tsd Address: 1704 W FIRST ST
 AZUSA
 Tsd County Los Angeles
 Mailing Address: Not reported
 Category: 351
 Disposal Method: D99

Tepaid: CAD008302903
 Telephone: Not reported
 Tons: 134

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394893

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEM WASTE MGR
 Tsd Address: 1704 W FIRST ST
 AZUSA
 Tsd County Los Angeles
 Mailing Address: Not reported
 Category: 351
 Disposal Method: R01

Tepaid: CAD008302903
 Telephone: Not reported
 Tons: 56

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEM WASTE MGR
 Tsd Address: 1704 W FIRST ST
 AZUSA
 Tsd County Los Angeles
 Mailing Address: Not reported
 Category: 351
 Disposal Method: UNK

Tepaid: CAD008302903
 Telephone: Not reported
 Tons: 13

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEM WASTE MGR
 Tsd Address: 1704 W FIRST ST
 AZUSA
 Tsd County Los Angeles
 Mailing Address: Not reported
 Category: 352
 Disposal Method: R01

Tepaid: CAD008302903
 Telephone: Not reported
 Tons: 70

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEM WASTE MGR
 Tsd Address: 1704 W FIRST ST
 AZUSA
 Tsd County Los Angeles
 Mailing Address: Not reported
 Category: 352
 Disposal Method: UNK

Tepaid: CAD008302903
 Telephone: Not reported
 Tons: 51

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394893

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEM WASTE MGR
 Tsd Address: 1704 W FIRST ST
 AZUSA
 Tsd County: Los Angeles
 Mailing Address: Not reported
 Category: 461
 Disposal Method: R01

Tepaid: CAD008302903
 Telephone: Not reported
 Tons: 18

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEM WASTE MGR
 Tsd Address: 1704 W FIRST ST
 AZUSA
 Tsd County: Los Angeles
 Mailing Address: Not reported
 Category: 741
 Disposal Method: R01

Tepaid: CAD008302903
 Telephone: Not reported
 Tons: 113

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEM WASTE MGR
 Tsd Address: 1704 W FIRST ST
 AZUSA
 Tsd County: Los Angeles
 Mailing Address: Not reported
 Category: 751
 Disposal Method: D99

Tepaid: CAD008302903
 Telephone: Not reported
 Tons: 35

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEM WASTE MGR
 Tsd Address: 1704 W FIRST ST
 AZUSA
 Tsd County: Los Angeles
 Mailing Address: Not reported
 Category: 751
 Disposal Method: R01

Tepaid: CAD008302903
 Telephone: Not reported
 Tons: 50

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394893

Year: Not reported
 Gepaid: CAD028260297 Tepaid: CAT000646117
 Contact: Not reported Telephone: Not reported
 Gen County: Not reported Tons: 12
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 132
 Disposal Method: D99

Year: Not reported
 Gepaid: CAD028260297 Tepaid: CAT000646117
 Contact: Not reported Telephone: Not reported
 Gen County: Not reported Tons: 40
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 132
 Disposal Method: T01

Year: Not reported
 Gepaid: CAD028260297 Tepaid: CAT000646117
 Contact: Not reported Telephone: Not reported
 Gen County: Not reported Tons: 45
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 135
 Disposal Method: D99

Year: Not reported
 Gepaid: CAD028260297 Tepaid: CAT000646117
 Contact: Not reported Telephone: Not reported
 Gen County: Not reported Tons: 100
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 135
 Disposal Method: T01

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394893

Year: Not reported
 Gepaid: CAD028260297 Tepaid: CAT000646117
 Contact: Not reported Telephone: Not reported
 Gen County: Not reported Tons: 10
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 141
 Disposal Method: T01

Year: Not reported
 Gepaid: CAD028260297 Tepaid: CAT000646117
 Contact: Not reported Telephone: Not reported
 Gen County: Not reported Tons: 6
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 151
 Disposal Method: UNK

Year: Not reported
 Gepaid: CAD028260297 Tepaid: CAT000646117
 Contact: Not reported Telephone: Not reported
 Gen County: Not reported Tons: 12754
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 181
 Disposal Method: D80

Year: Not reported
 Gepaid: CAD028260297 Tepaid: CAT000646117
 Contact: Not reported Telephone: Not reported
 Gen County: Not reported Tons: 38
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 181
 Disposal Method: T01

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394893

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 181
 Disposal Method: UNK

Tepaid: CAT000646117
 Telephone: Not reported
 Tons: 24

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 352
 Disposal Method: D80

Tepaid: CAT000646117
 Telephone: Not reported
 Tons: 148

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 352
 Disposal Method: UNK

Tepaid: CAT000646117
 Telephone: Not reported
 Tons: 1736

Year: Not reported
 Gepaid: CAD028260297
 Contact: Not reported
 Gen County: Not reported
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 512
 Disposal Method: D80

Tepaid: CAT000646117
 Telephone: Not reported
 Tons: 78

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394893

Year: Not reported
 Gepaid: CAD028260297 Tepaid: CAT000646117
 Contact: Not reported Telephone: Not reported
 Gen County: Not reported Tons: 14
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 512
 Disposal Method: D99

Year: Not reported
 Gepaid: CAD028260297 Tepaid: CAT000646117
 Contact: Not reported Telephone: Not reported
 Gen County: Not reported Tons: 121
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 513
 Disposal Method: D80

Year: Not reported
 Gepaid: CAD028260297 Tepaid: CAT000646117
 Contact: Not reported Telephone: Not reported
 Gen County: Not reported Tons: 16
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 513
 Disposal Method: D99

Year: Not reported
 Gepaid: CAD028260297 Tepaid: CAT000646117
 Contact: Not reported Telephone: Not reported
 Gen County: Not reported Tons: 62
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 541
 Disposal Method: D99

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SANTA BARBARA RESEARCH CENTER (Continued)

1000394893

Year: Not reported
 Gepaid: CAD028260297 Tepaid: CAT000646117
 Contact: Not reported Telephone: Not reported
 Gen County: Not reported Tons: 111
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 541
 Disposal Method: T01

Year: Not reported
 Gepaid: CAD028260297 Tepaid: CAT000646117
 Contact: Not reported Telephone: Not reported
 Gen County: Not reported Tons: 14
 Tsd Name: CHEMICAL WASTE MGMT INC/KETTLEMANHILLS
 Tsd Address: KETTLEMAN N DOME LDFL HWY 41
 KETTLEMAN CITY
 Tsd County Kings
 Mailing Address: Not reported
 Category: 726
 Disposal Method: T01

NOTIFY 65:

Date Reported: Not reported Staff Initials: Not reported
 Board File Number: Not reported
 Facility Type: Not reported
 Discharge Date: Not reported
 Incident Description: 91118

FID:

Facility ID: 42001790 Regulate ID: Not reported
 Reg By: Active Underground Storage Tank Location
 Cortese Code: Not reported SIC Code: Not reported
 Status: Active Facility Tel: Not reported
 Mail To: Not reported
 75 COROMAR DR
 GOLETA, CA 93117
 Contact: Not reported Contact Tel: Not reported
 DUNs No: Not reported NPDES No: Not reported
 Creation: 10/22/93 Modified: 00/00/00
 EPA ID: Not reported
 Comments: Not reported

54
 WSW
 1/2-1
 3626

RENCO CORP
 26 COROMAR DR
 GOLETA, CA 93117

RCRIS-SQG 1000175649
 FINDS CAD981455314
 CA SLIC

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RENCO CORP (Continued)

1000175649

RCRIS:

Owner: UNIVERSITY EXCHANGE
 (415) 555-1212
 Contact: ENVIRONMENTAL MANAGER
 (805) 968-1525
 Record Date: 09/01/1996
 Classification: Small Quantity Generator
 Used Oil Recyc: No
 Violation Status: No violations found

SLIC Region 3:

Entered Into Database: 05/27/97
 How Contamination Occurred: ON-SITE SUMPS
 Watershed: 15.31
 PROP65 Mail: False
 Emergency Action Taken: False
 Unique Case Number: 198.00000
 Date First Reported: Not reported
 Person Who Reported Leak: Not reported
 Who Reporting Party Represents: Not reported
 Reporting Party's Address: Not reported
 Operator: RENCO ENCODERS
 Responsible Party Search Status: Not reported
 Responsible Party: RENCO ENCODERS
 Responsible Party's Address: 26 COROMAR DR GOLETA
 Responsible Party Contact: DAN BAXTER
 Responsible Party Phone: Not reported
 Responsible Party PO Box: Not reported
 Facility Phone: Not reported
 Leak Site Cross Street: CORTONA DR
 Local Agency: 42000
 Primary Substance leaked: 79016 TCE/1,1,1-TCA
 Quantity Leaked (Gal): Not reported
 Date Leak Found: Not reported
 How Lead Was Discovered: Not reported
 Date Leak Stopped: / /
 How Lead Was Discovered: Not reported
 Lead Agency: Regional Board
 Priority Level: Priority 2
 Case Type: Other ground water affected
 Facility Status: Interim Action(s) Taken
 Abatement Method: Not reported
 Staff Member: RBA
 Date Case Given to Regional Board: Not reported
 Cost Recovery: False
 Confirmation of Leak Date: Not reported
 Preliminary Site Assessment Workplan Date: Not reported
 Preliminary Site Assessment Began Date: Not reported
 Pollution Characterization Began Date: 01/01/97
 Remediation Plan Submitted Date: Not reported
 Remedial Action Underway Date: Not reported
 Post Remedial Action Monitoring Date: Not reported
 Enforcement Action Taken: Not reported
 Emergency Response Date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

RENCO CORP (Continued)

1000175649

Case Closed Date: Not reported
 Significant Interim Remedial Actions: False
 Basin Plan: Not reported
 Summary: Not reported

55
 WSW
 1/2-1
 4235

DELCO ELECTRONICS CORP
 6767 HOLLISTER AVENUE
 GOLETA, CA 93017

FINDS 1000175837
RCRIS-LQG CAD009305848
CORRACTS
CERC-NFRAP

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
 Ownership Status: Private
 Federal Facility: Not reported
 NPL Status: Not on the NPL
CERCLIS-NFRAP Assessment History:
 Assessment: DISCOVERY Completed: 19910401
 Assessment: PRELIMINARY ASSESSMENT Completed: 19910912

CORRACTS Data:

Prioritization: Low
 Status: RCRA Facility Assessment Completed, RFI Imposition, RFI Workplan Approved

RCRIS:

Owner: GM HUGHES ELECTRONICS CORP
 (317) 459-7912
 Contact: WILLIAM BAYER
 (805) 961-7769
 Record Date: 02/02/1998
 Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1995

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	2403.60	D002	1363.90
D003	8.30	D006	50.00
D007	673.50	D008	1200.00
D009	3.00	D011	871.50
F001	1996.00	F003	1105.50
F005	2546.50	P015	143.90
U075	30.00	U162	143.90
U226	173.90		

Used Oil Recyc: No

Violation Status: Violation information exist

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

DELCO ELECTRONICS CORP (Continued)

1000175837

There are 12 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	04/18/1995
	TSD-Other Requirements	04/18/1995
	TSD-Other Requirements	04/18/1995
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	03/15/1994
	TSD-Other Requirements	03/15/1994
	TSD-Other Requirements	03/15/1994
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	07/12/1991
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	07/12/1991
Compliance Schedule Evaluation (CSE)	TSD-Other Requirements	07/27/1989
	Formal Enforcement Agreement	07/27/1989
Financial Record Review (FRR)	TSD-Financial Responsibility Requirements	03/20/1989
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	07/27/1989

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
GOLETA	U001580724	RTR	HOLLISTER AVE.	93117	UST	00000059032
GOLETA	S102794639	1X CHEVRON USA	7952 HOLLISTER AVE.		HAZNET	
GOLETA	S102809557	STEWART BROS AUTO	7334 HOLLISTER AVE #EST		HAZNET	
GOLETA	S102794832	1X KMART	6865 HOLLISTER AVE.		HAZNET	
GOLETA	S102815940	PIP PRINTING #1332	5727 HOLLISTER AVENUE		HAZNET	
GOLETA	S102798179	GTE	SOUTHSIDE OF HOLLISTER, WEST	93117	HAZNET	

GEOCHECK VERSION 2.1 ADDENDUM GROUNDWATER FLOW INFORMATION

Map ID
Direction
Distance
Elevation

Site

2g Site ID: Not Reported
ENE Groundwater Flow: NW
1 - 2 Miles Shallow Water Depth: 24
Lower Deep Water Depth: 2850
Average Water Depth: 23
Date: NOVEMBER 3

3g Site ID: Not Reported
East Groundwater Flow: NE
1 - 2 Miles Shallow Water Depth: 15
Lower Deep Water Depth: 16
Average Water Depth: Not Reported
Date: 9/4/1987

4g Site ID: Not Reported
ENE Groundwater Flow: Not Reported
1/2 - 1 Mile Shallow Water Depth: 61
Lower Deep Water Depth: 62.5
Average Water Depth: Not Reported
Date: 9/27/1987

6g Site ID: Not Reported
East Groundwater Flow: SSW
1 - 2 Miles Shallow Water Depth: 10
Lower Deep Water Depth: 12
Average Water Depth: Not Reported
Date: 4/28/1995

7g Site ID: Not Reported
East Groundwater Flow: SE
1 - 2 Miles Shallow Water Depth: 14.2
Lower Deep Water Depth: 15.5
Average Water Depth: Not Reported
Date: 12/1990

8g Site ID: Not Reported
East Groundwater Flow: Varies
1 - 2 Miles Shallow Water Depth: 5
Lower Deep Water Depth: 70
Average Water Depth: Not Reported
Date: 7/1992

9g Site ID: Not Reported
East Groundwater Flow: W
1 - 2 Miles Shallow Water Depth: 21.80
Lower Deep Water Depth: 22.56
Average Water Depth: Not Reported
Date: 10/14/1991

10g Site ID: Not Reported
East Groundwater Flow: NW
1 - 2 Miles Shallow Water Depth: Not Reported
Lower Deep Water Depth: Not Reported
Average Water Depth: 22
Date: 2/5/1992

GEOCHECK VERSION 2.1 GROUNDWATER FLOW INFORMATION

Map ID
Direction
Distance
Elevation

Site

11g East 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported S Not Reported Not Reported 14.5 9/27/1996
12g East 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported SSW 4 25 Not Reported 7/2/1993
13g West 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported SE 29.71 34.49 Not Reported JUNE 1, 19
20g ESE 1/8 - 1/4 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	50139 SE 10 40 25 06/09/1989
21g East 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported S 6.62 7.03 Not Reported 12/23/1994
22g SE 1/8 - 1/4 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	51691 S Not Reported Not Reported 11 01/23/1990
23g SSE 1/8 - 1/4 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported W Not Reported Not Reported 8 3/13/1989
24g SSE 1/8 - 1/4 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported Not Reported Not Reported 10 5/2/1984

GEOCHECK VERSION 2.1 GROUNDWATER FLOW INFORMATION

Map ID
Direction
Distance
Elevation

Site

26g SSW 1/8 - 1/4 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported SSW Not Reported Not Reported 10 2/22/1994
27g WSW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported SE Not Reported Not Reported 26 4/17/1984
28g WSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported SW 30 50 Not Reported 9/18/1990
30g ESE 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported N 6 10 Not Reported 8/21/1992
31g SE 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Flat 3.31 6.86 Not Reported May 13, 97

The following regulatory files were reviewed by a member of EDR's professional field research team in an effort to identify groundwater flow direction and depth information. However, this information was not evident in the reports. This may be for a number of reasons, such as groundwater monitoring wells not being part of the field work or groundwater not having been encountered during drilling. This information is provided to save you time and money in the conduct of your hydrogeological research.

<u>Map ID</u>	<u>Date</u>	<u>Type Of Report</u>
1g	APRIL 19,	REPORT FROM JENACO SERVICE STATION
5g	Not Reported	Not Reported
14g	Not Reported	Not Reported
15g	Not Reported	Not Reported
16g	Not Reported	Not Reported
17g	Not Reported	Not Reported
18g	Not Reported	Not Reported
19g	Not Reported	Not Reported
25g	NA	NA
29g	Not Reported	Not Reported

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Water Wells:

Well Within 1/2 - 1 Mile of Target Property (Northern Quadrant)

Water System Information:

Prime Station Code:	04N/28W-18C04 S	User ID:	TAP
FRDS Number Number:	4210004021	County:	Santa Barbara
District Number:	06	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Inactive Raw
Source Lat/Long:	342629.6 1195111.4	Precision:	1,000 Feet (10 Seconds)
Source Name:	RAYTHEON 02 - INACTIVE		
System Number:	4210004		
System Name:	GOLETA WATER DISRICT		
Organization That Operates System:	4699 HOLLISTER AVE. GOLETA, CA 93116		
Pop Served:	74000	Connections:	13983
Area Served:	GOLETA		

Well Within 1/2 - 1 Mile of Target Property (Eastern Quadrant)

Water System Information:

Prime Station Code:	04N/28W-07Q05 S	User ID:	42C
FRDS Number Number:	4200697001	County:	Santa Barbara
District Number:	72	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	342600.0 1195030.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 01		
System Number:	4200697		
System Name:	CRAVIOTTA PARTNERS		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

Well Within 1/2 - 1 Mile of Target Property (Western Quadrant)

Water System Information:

Prime Station Code:	04N/29W-13A01 S	User ID:	TAP
FRDS Number Number:	4210004010	County:	Santa Barbara
District Number:	06	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Inactive Raw
Source Lat/Long:	342632.7 1195146.3	Precision:	1,000 Feet (10 Seconds)
Source Name:	COROMAR 01 - INACTIVE		
System Number:	4210004		
System Name:	GOLETA WATER DISRICT		
Organization That Operates System:	4699 HOLLISTER AVE. GOLETA, CA 93116		
Pop Served:	74000	Connections:	13983
Area Served:	GOLETA		

GEOCHECK VERSION 2.1
PUBLIC WATER SUPPLY SYSTEM INFORMATION

Searched by Nearest PWS.

PWS SUMMARY:

PWS ID: CA4200691 PWS Status: Active Distance from TP: 1 - 2 Miles
Date Initiated: June / 1977 Date Deactivated: Not Reported Dir relative to TP: East
PWS Name: PACIFIC OFFSHORE PIPELINE CO
PACIFIC OFFSHORE PIPELINE CO
LAS FLORES CYN
SANTA BARBARA, CA 93101

Addressee / Facility: System Owner/Responsible Party
PACIFIC OFFSHORE PIPELINE CO
12100 CALLE REAL
GOLETA, CA 93117

Facility Latitude: 34 26 08 Facility Longitude: 119 49 36
City Served: Not Reported
Treatment Class: Untreated Population Served: Under 101 Persons

PWS currently has or has had major violation(s): No

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D003	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D010	SELENIUM
D011	SILVER
D035	METHYL ETHYL KETONE
D039	TETRACHLOROETHYLENE
D040	TRICHLOROETHYLENE
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT

EPA Waste Codes Addendum

Code	Description
	MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F006	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
F007	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS
F009	SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.
P015	BERYLLIUM
P098	POTASSIUM CYANIDE
P098	POTASSIUM CYANIDE K(CN)
U075	DICHLORODIFLUOROMETHANE
U075	METHANE, DICHLORODIFLUORO-
U162	METHYL METHACRYLATE (I,T)
U162	2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T)
U226	ETHANE, 1,1,1-TRICHLORO-
U226	METHYL CHLOROFORM

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.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM RECORDS:

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

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: 11/10/98

Date Made Active at EDR: 01/29/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/29/98

Elapsed ASTM days: 31

Date of Last EDR Contact: 03/03/99

ERNS: Emergency Response Notification System

Source: EPA/NTIS

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/98

Date Made Active at EDR: 01/18/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/13/99

Elapsed ASTM days: 5

Date of Last EDR Contact: 01/04/99

NPL: National Priority List

Source: EPA

Telephone: 703-603-8852

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).

Date of Government Version: 01/19/99

Date Made Active at EDR: 02/19/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/08/99

Elapsed ASTM days: 11

Date of Last EDR Contact: 02/08/99

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS 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).

Date of Government Version: 10/01/98

Date Made Active at EDR: 01/29/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 12/28/98

Elapsed ASTM days: 32

Date of Last EDR Contact: 01/25/99

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/01/98

Date Made Active at EDR: 01/29/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 12/28/98

Elapsed ASTM days: 32

Date of Last EDR Contact: 12/22/98

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDERAL NON-ASTM RECORDS:

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

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: 12/31/95

Database Release Frequency: Biennially

Date of Last EDR Contact: 12/21/98

Date of Next Scheduled EDR Contact: 03/22/99

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

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: Varies

Database Release Frequency: Varies

Date of Last EDR Contact: Varies

Date of Next Scheduled EDR Contact: N/A

FINDS: Facility Index System

Source: EPA/NTIS

Telephone: 703-908-2493

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: 09/30/97

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/23/98

Date of Next Scheduled EDR Contact: 03/29/99

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4526

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/97

Database Release Frequency: Annually

Date of Last EDR Contact: 03/02/99

Date of Next Scheduled EDR Contact: 04/26/99

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

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: 12/08/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/02/99

Date of Next Scheduled EDR Contact: 05/31/99

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/22/98

Date of Next Scheduled EDR Contact: 05/24/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-260-3936

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: 09/22/97

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/05/99

Date of Next Scheduled EDR Contact: 05/17/99

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

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: 04/17/95

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/15/98

Date of Next Scheduled EDR Contact: 03/15/99

ROD: Records Of Decision

Source: NTIS

Telephone: 703-416-0223

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: 03/31/95

Database Release Frequency: Annually

Date of Last EDR Contact: 02/16/99

Date of Next Scheduled EDR Contact: 04/19/99

TRIS: Toxic Chemical Release Inventory System

Source: EPA/NTIS

Telephone: 202-260-1531

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: 12/31/95

Database Release Frequency: Annually

Date of Last EDR Contact: 12/28/98

Date of Next Scheduled EDR Contact: 03/29/99

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-1444

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: 12/31/94

Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 01/25/99

Date of Next Scheduled EDR Contact: 04/26/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF CALIFORNIA ASTM RECORDS:

BEP: Bond Expenditure Plan

Source: Department of Health Services

Telephone: 916-255-2118

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: 01/01/89

Date Made Active at EDR: 08/02/94

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94

Elapsed ASTM days: 6

Date of Last EDR Contact: 05/31/94

CAL-SITES (AWP): Annual Workplan

Source: California Environmental Protection Agency

Telephone: 916-323-3400

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 11/04/97

Date Made Active at EDR: 12/20/97

Database Release Frequency: Annually

Date of Data Arrival at EDR: 11/21/97

Elapsed ASTM days: 29

Date of Last EDR Contact: 02/02/99

CAL-SITES (ASPIS): Calsites

Source: Department of Toxic Substance Control

Telephone: 916-323-3400

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.

Date of Government Version: 10/30/98

Date Made Active at EDR: 12/07/98

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 11/03/98

Elapsed ASTM days: 34

Date of Last EDR Contact: 12/08/98

CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services

Telephone: 916-464-3277

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/94

Date Made Active at EDR: 04/24/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 03/13/95

Elapsed ASTM days: 42

Date of Last EDR Contact: 03/02/99

CORTESE: Cortese

Source: CAL EPA/Office of Emergency Information

Telephone: 916-327-1848

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: 04/01/98

Date Made Active at EDR: 09/23/98

Database Release Frequency: Annually

Date of Data Arrival at EDR: 08/26/98

Elapsed ASTM days: 28

Date of Last EDR Contact: 02/03/99

LUST: Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board

Telephone: 916-445-6532

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.

Date of Government Version: 10/01/98

Date Made Active at EDR: 01/13/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/09/98

Elapsed ASTM days: 35

Date of Last EDR Contact: 02/08/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NOTIFY 65: Proposition 65

Source: State Water Resources Control Board
Telephone: 916-657-0696

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93
Date Made Active at EDR: 11/19/93
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93
Elapsed ASTM days: 18
Date of Last EDR Contact: 01/25/99

SWF/LF (SWIS): Solid Waste Information System

Source: Integrated Waste Management Board
Telephone: 916-255-4035

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 2004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/21/98
Date Made Active at EDR: 01/13/99
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/10/98
Elapsed ASTM days: 34
Date of Last EDR Contact: 12/21/98

TOXIC PITS: Toxic Pits

Source: State Water Resources Control Board
Telephone: 916-227-4364

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: 07/01/95
Date Made Active at EDR: 09/26/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95
Elapsed ASTM days: 27
Date of Last EDR Contact: 02/08/99

CA UST:

UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board
Telephone: 916-227-4408

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: 10/15/90
Date Made Active at EDR: 02/12/91
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91
Elapsed ASTM days: 18
Date of Last EDR Contact: 01/22/99

FID: Facility Inventory Database

Source: California Environmental Protection Agency
Telephone: 916-445-6532

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: 10/31/94
Date Made Active at EDR: 09/29/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95
Elapsed ASTM days: 24
Date of Last EDR Contact: 12/28/98

WMUDS/SWAT: Waste Management Unit Database

Source: State Water Resources Control Board
Telephone: 916-227-4448

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: 12/01/98
Date Made Active at EDR: 02/15/99
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/11/99
Elapsed ASTM days: 35
Date of Last EDR Contact: 12/14/98

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF CALIFORNIA NON-ASTM RECORDS:

AST: Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board
Telephone: 916-227-4382
Registered Aboveground Storage Tanks.

Date of Government Version: 11/01/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/08/99
Date of Next Scheduled EDR Contact: 05/10/99

HAZMAT: Hazmat Facilities

Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 09/21/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/22/99
Date of Next Scheduled EDR Contact: 05/24/99

HAZNET: Hazardous Waste Information System

Source: California Environmental Protection Agency
Telephone: 916-324-1781

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.

Date of Government Version: 12/31/95
Database Release Frequency: Annually

Date of Last EDR Contact: 02/05/99
Date of Next Scheduled EDR Contact: 04/19/99

SOUTH BAY: South Bay Site Management System

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Groundwater pollution cases in the Santa Clara Valley where the regulatory lead is the San Francisco Bay Regional Water Quality Control Board.

Date of Government Version: 09/01/96
Database Release Frequency: Annually

Date of Last EDR Contact: 01/28/99
Date of Next Scheduled EDR Contact: 03/15/99

WDS: Waste Discharge System

Source: State Water Resources Control Board
Telephone: 916-657-1571

Sites which have been issued waste discharge requirements.

Date of Government Version: 01/06/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/22/99
Date of Next Scheduled EDR Contact: 05/24/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CALIFORNIA COUNTY RECORDS

ALAMEDA COUNTY:

Underground Tanks

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 04/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/12/99
Date of Next Scheduled EDR Contact: 05/03/99

Local Oversight Program Listing of UGT Cleanup Sites

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 10/01/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/12/99
Date of Next Scheduled EDR Contact: 05/03/99

CONTRA COSTA COUNTY:

SL: Site List

Source: Contra Costa Health Services Department
Telephone: 925-646-2286

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/21/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/09/98
Date of Next Scheduled EDR Contact: 03/08/99

KERN COUNTY:

UST: Sites & Tanks Listing

Source: Kern County Environment Health Services Department
Telephone: 805-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 01/05/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/07/98
Date of Next Scheduled EDR Contact: 03/08/99

LOS ANGELES COUNTY:

HMS: Street Number List

Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/30/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/11/99
Date of Next Scheduled EDR Contact: 04/12/99

SWF/LF: List of Solid Waste Facilities

Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 01/31/96
Database Release Frequency: Annually

Date of Last EDR Contact: 02/22/99
Date of Next Scheduled EDR Contact: 05/24/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation List

Source: Community Health Services
Telephone: 213-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/20/98
Database Release Frequency: Annually

Date of Last EDR Contact: 02/22/99
Date of Next Scheduled EDR Contact: 05/24/99

MARIN COUNTY:

UST Sites

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 12/01/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/10/99
Date of Next Scheduled EDR Contact: 05/10/99

NAPA COUNTY:

LUST: Sites With Reported Contamination

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 10/27/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/21/98
Date of Next Scheduled EDR Contact: 03/22/99

UST: Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 02/17/98
Database Release Frequency: Annually

Date of Last EDR Contact: 12/21/98
Date of Next Scheduled EDR Contact: 03/22/99

ORANGE COUNTY:

List of Industrial Site Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 10/14/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/14/98
Date of Next Scheduled EDR Contact: 03/15/99

LUST: List of Underground Storage Tank Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 01/04/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/14/98
Date of Next Scheduled EDR Contact: 03/15/99

UST: List of Underground Storage Tank Facilities

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 12/30/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/14/98
Date of Next Scheduled EDR Contact: 03/15/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PLACER COUNTY:

MS: Master List of Facilities

Source: Placer County Health and Human Services

Telephone: 530-889-7335

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 10/21/98

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/28/98

Date of Next Scheduled EDR Contact: 03/29/99

RIVERSIDE COUNTY:

LUST: Listing of Underground Tank Cleanup Sites

Source: Department of Public Health

Telephone: 909-358-5055

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/07/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/25/99

Date of Next Scheduled EDR Contact: 04/26/99

UST: Tank List

Source: Health Services Agency

Telephone: 909-358-5055

Date of Government Version: 10/05/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/25/99

Date of Next Scheduled EDR Contact: 04/26/99

SACRAMENTO COUNTY:

Toxsite List

Source: Sacramento County Environmental Management

Telephone: 916-875-8450

Date of Government Version: 12/01/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/15/98-

Date of Next Scheduled EDR Contact: 05/10/99

ML: Regulatory Compliance Master List

Source: Sacramento County Environmental Management

Telephone: 916-875-8450

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 01/06/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/26/99

Date of Next Scheduled EDR Contact: 05/10/99

SAN BERNARDINO COUNTY:

DEHS Permit System Print-Out By Location

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041

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: 10/01/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/14/98

Date of Next Scheduled EDR Contact: 03/15/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN DIEGO COUNTY:

SWF/LF: Solid Waste Facilities

Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 07/01/98
Database Release Frequency: Annually

Date of Last EDR Contact: 03/05/99
Date of Next Scheduled EDR Contact: 05/31/99

HMMD: Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division
Telephone: 619-338-2268

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: 07/20/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/04/99
Date of Next Scheduled EDR Contact: 04/12/99

SAN FRANCISCO COUNTY:

LUST: Local Oversight Facilities

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 01/05/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/08/99
Date of Next Scheduled EDR Contact: 04/19/99

Underground Storage Tank Information

Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 11/01/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/17/99
Date of Next Scheduled EDR Contact: 05/17/99

SAN MATEO COUNTY:

Business Inventory

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 04/01/98
Database Release Frequency: Annually

Date of Last EDR Contact: 02/16/99
Date of Next Scheduled EDR Contact: 04/19/99

LUST: Fuel Leak List

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 10/02/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/08/99
Date of Next Scheduled EDR Contact: 05/03/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SANTA CLARA COUNTY:

LUST: Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District
Telephone: 408-927-0710

Date of Government Version: 09/01/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/08/99
Date of Next Scheduled EDR Contact: 04/05/99

SOLANO COUNTY:

LUST: Leaking Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 12/02/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/25/99
Date of Next Scheduled EDR Contact: 06/21/99

UST: Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 07/15/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/25/99
Date of Next Scheduled EDR Contact: 06/21/99

SONOMA COUNTY:

LUST Sites

Source: Department of Health Services
Telephone: 707-525-6565

Date of Government Version: 10/26/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/08/99
Date of Next Scheduled EDR Contact: 05/03/99

SUTTER COUNTY:

UST: Underground Storage Tanks

Source: Sutter County Department of Agriculture
Telephone: 530-741-7504

Date of Government Version: 08/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/11/99
Date of Next Scheduled EDR Contact: 04/12/99

VENTURA COUNTY:

BWT: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 12/28/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/21/98
Date of Next Scheduled EDR Contact: 03/22/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST: Listing of Underground Tank Cleanup Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 12/30/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/21/98
Date of Next Scheduled EDR Contact: 03/22/99

UST: Underground Tank Closed Sites List

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 12/29/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/21/98
Date of Next Scheduled EDR Contact: 03/22/99

SWF/LF: Inventory of Illegal Abandoned and Inactive Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 06/01/97
Database Release Frequency: Annually

Date of Last EDR Contact: 03/02/99
Date of Next Scheduled EDR Contact: 05/31/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220

Date of Government Version: 10/14/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/02/99
Date of Next Scheduled EDR Contact: 03/01/99

LUST REG 2: Fuel Leak List

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 10/28/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/28/99
Date of Next Scheduled EDR Contact: 04/19/99

LUST REG 3: LUSTIS Database

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 11/01/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/23/99
Date of Next Scheduled EDR Contact: 05/24/99

LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-7544

Date of Government Version: 12/01/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/02/99
Date of Next Scheduled EDR Contact: 05/31/99

LUST REG 5: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-255-3125

Date of Government Version: 07/22/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/11/99
Date of Next Scheduled EDR Contact: 04/12/99

LUST REG 6L: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424

Date of Government Version: 07/14/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/15/99
Date of Next Scheduled EDR Contact: 04/12/99

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 09/16/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/17/98
Date of Next Scheduled EDR Contact: 03/15/99

LUST REG 7: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 11/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/02/99
Date of Next Scheduled EDR Contact: 05/31/99

LUST REG 8: (LUSTIS) Leaking Underground Storage Tanks

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4498

Date of Government Version: 10/22/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/13/99
Date of Next Scheduled EDR Contact: 04/12/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 9: Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 619-467-2952

Date of Government Version: 06/25/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/29/99

Date of Next Scheduled EDR Contact: 04/26/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 10/14/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/02/99
Date of Next Scheduled EDR Contact: 03/01/99

SLIC REG 2: North and South Bay Slc Report

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 10/26/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/28/99
Date of Next Scheduled EDR Contact: 04/19/99

SLIC REG 3: SLIC Data

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/23/99
Date of Next Scheduled EDR Contact: 05/24/99

SLIC REG 4: SLIC Sites

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-7544

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 10/01/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/11/99
Date of Next Scheduled EDR Contact: 04/05/99

SLIC REG 5: SLIC List

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-855-3075

Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 10/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/01/99
Date of Next Scheduled EDR Contact: 04/12/99

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 12/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/11/99
Date of Next Scheduled EDR Contact: 04/12/99

SLIC REG 8: SLIC List

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-3298

Date of Government Version: 10/31/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/15/99
Date of Next Scheduled EDR Contact: 04/12/99

SLIC REG 9: WDS NURD List

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 619-467-2980

Date of Government Version: 11/21/96
Database Release Frequency: Annually

Date of Last EDR Contact: 12/11/98
Date of Next Scheduled EDR Contact: 03/08/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Historical and 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.

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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DELISTED NPL: NPL Deletions

Source: EPA

Telephone: 703-603-8769

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: 01/19/99

Date Made Active at EDR: 02/19/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/08/99

Elapsed ASTM days: 11

Date of Last EDR Contact: 02/08/99

NFRAP: No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 11/10/98

Date Made Active at EDR: 01/29/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/29/98

Elapsed ASTM days: 31

Date of Last EDR Contact: 03/03/99

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

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: 202-260-2805

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SWDIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Area Radon Information: 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: Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

Oil/Gas Pipelines/Electrical Transmission Lines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

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.

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. 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 more than 900,000 wells, springs, and other sources of groundwater.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1996 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 March 1997 from the U.S. Fish and Wildlife Service.

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Water Dams: National Inventory of Dams
Source: Federal Emergency Management Agency
Telephone: 202-646-2801
National computer database of more than 74,000 dams maintained by the Federal Emergency Management Agency.

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.

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations for District 2 and 6
Source: Department of Conservation
Telephone: 916-323-1779