

PHASE I ESA REPORT

**PROPOSED SCHOOL SITE
NORTHWEST OF W. CINNAMON DRIVE
AND 19th AVENUE
LEMOORE, CA**

Submitted to:

**LEMOORE UNION ELEMENTARY SCHOOL DISTRICT
LEMOORE, CA**

**BSK Job E0310201B
May 28, 2003**

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Dr. Ronald E. Meade
Superintendent
Lemoore Union Elementary School District
1200 W. Cinnamon Drive
Lemoore, CA 93245

Re: Phase I ESA Report
Proposed School Site
Northwest of W. Cinnamon Drive and 19th Avenue
Lemoore, CA

Dear Dr. Meade:

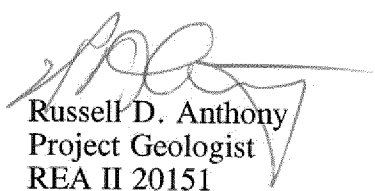
BSK Associates is pleased to submit this Phase I ESA (Environmental Site Assessment) Report for the above-referenced site. This report presents the findings, conclusions, and recommendations associated with the Phase I ESA.

We appreciate the opportunity to be of service to you and the Lemoore Union Elementary School District. If you have questions or require additional services please call me at (661) 327-0671, extension 205.

Respectfully submitted,

BSK Associates




Russell D. Anthony
Project Geologist
REA II 20151

RDA:wp

Distribution: Addressee, 5 originals

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**PHASE I ESA REPORT
PROPOSED SCHOOL SITE
NORTHWEST OF W. CINNAMON DRIVE
AND 19TH AVENUE
VISALIA, CA**

1.0 INTRODUCTION

BSK Associates (BSK) conducted a Phase I Environmental Site Assessment (ESA) for the above-referenced property (referenced as "Site"). The ESA was conducted per the authorization of Dr. Ronald Meade, Superintendent for the Lemoore Union Elementary School District (Lemoore UESD) of Lemoore, CA. The ESA was conducted in general accordance with BSK Proposal E0310201B dated April 29, 2003.

This ESA report presents BSK's findings and conclusions. This report includes a Site Location Map (Figure 1) and a Generalized Site and Vicinity Plan (Figure 2). Site photographs are in Appendix A.

1.1 Purpose

The purpose of the ESA was to identify recognized environmental conditions consisting of the presence or likely presence of hazardous substances or petroleum products on the Site (or adjacent properties) under conditions that indicate an existing release, a past release, or a material threat of a release of the substance/product into structures, the ground, groundwater, or surface water of the Site.

1.2 Scope of Services

The scope of services for the ESA generally included the following:

- A general reconnaissance of the Site and a drive-by survey of the surrounding area within approximately 0.5 miles of the Site.
- Documentation of the existing land use and general environmental condition of the Site and immediately adjacent properties.
- Interviews with personnel knowledgeable of the former and current use of the Site and vicinity.

- Research and review of readily available federal, state, and local regulatory agency lists and files (in accordance with the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00) to identify known or potential releases of hazardous materials and/or petroleum products on the Site and immediately adjacent properties.
- Research and review of historical information pertaining to the Site including information from readily available historical aerial photographs, topographic maps, Sanborn insurance maps, and street directories.
- Preparation of this report presenting the findings, conclusions, and recommendations of the ESA.

Sampling and analytical testing of soil, groundwater, air, radon gas, biological agents and/or construction/building materials was not part of the scope of services for this ESA. This ESA did not include sampling or laboratory analysis of materials suspected of being radioactive or containing asbestos, lead, urea-formaldehyde, mold, or polychlorinated biphenyls (PCBs).

2.0 SITE AND VICINITY DESCRIPTION

2.1 Site Location

Based on information provided by Ms. Deena Casey (Administrative Assistant to the Superintendent for the Lemoore UESD), the approximately 15-acre Site is located northwest of the Cinnamon Drive and 19th Avenue intersection in the northwest portion of the City of Lemoore (City), in the County of Kings (County), California. Information obtained from the City Planning and Building Department indicates that the Site is within the City limits. The Site is in the southeast quarter of the northeast quadrant of Section 4 in Township 19 South, Range 20 East, Mount Diablo base and meridian (USGS, 1954). The Site location is indicated on Figure 1.

Based on information provided by Ms. Casey and information BSK obtained at the King's County Assessor's Office (Assessor's Office), the Site is identified by the Assessor's Office as Assessor's Parcel Number (APN) 021-660-008. According to Ms. Casey and the Assessor's Office, the Site is owned by the Lemoore UESD. Site observations and information obtained from Ms. Casey and the Assessor's Office indicates that the only address associated with the Site is for the Lemoore UESD's administration office building located immediately south of the Site

at 1200 W. Cinnamon Drive (Figure 2), but that there is no other existing or former address associated with the Site location.

2.2 Site and Vicinity Setting

Based on observations by BSK during Site and vicinity reconnaissance activities, the Site and vicinity (i.e., property within approximately 0.5 miles of the Site) are in a developed area that generally includes agricultural land (generally row- and field-crop land, fallow land, and land used for animal raising) with associated structures (e.g., farmhouses, barns/sheds, corrals, etc.), single- and multi-family dwellings, parks and athletic fields, churches, a public school, a railroad, and properties used for commercial activities (e.g., retail sales, vehicle maintenance and fueling, and light industry). Many properties in the Site vicinity are vacant.

According to Mr. Nick Verma, City Director of Planning and Community Development, the Site is zoned UR (Urban Reserved) by the City. Properties in the Site vicinity are zoned UR, R-1-7 (Single-family Residential: 7,000 square-foot minimum lot size) and MI (Light Industrial). According to the Lemoore Chamber of Commerce, the population of Lemoore is approximately 20,850.

2.3 Current Site Use and Site Improvements

Based on Site observations by BSK during Site reconnaissance activities in May 2003, an approximately 2.5-acre parking lot is at the southwest portion of the Site (Figure 2, Photograph 1) and the remainder of the Site (approximately 12.5 acres) is vacant unpaved land (Photographs 2, 3, and 4).

The subject parking lot (associated with the West Hills College campus that formerly occupied the south third of the Site) is asphalt-paved and has curbed lawn areas and planters. The parking lot was empty during Site reconnaissance activities and observations suggested that the parking lot was generally not used. Lawn and planter areas associated with the parking lot appeared to be appropriately maintained.

Excepting street lights, utility poles (without electrical transformers), road signs, and sub-grade vaults associated with underground municipal water-supply facilities, observations did not indicate that improvements were associated with the vacant unpaved portion of the Site. Observations indicated that an approximately 40- by 80- by 2-foot-deep stormwater drainage area is near the southeast corner of the Site (Figure 2, Photograph 2) and that soil, sand, road base aggregate, asphalt pavement rubble, and small amounts of construction materials (generally PVC and concrete sewer pipe and scrap lumber) are stored at several areas on the east side of the Site (Figure 2, Photographs 2 and 3). In addition, observations indicated that intermittent motor vehicle traffic is associated with an unpaved road near the southeast corner of the Site and also with unpaved areas adjacent to 19th Avenue. Otherwise, observations indicated that the vacant unpaved portion of the Site was generally unused.

2.4 Current Use of Adjacent Properties

Based on observations by BSK during the Site and vicinity reconnaissance, the following summarizes the current use of properties immediately adjacent to the Site:

- West Cinnamon Drive and the Lemoore UESD's one-story administration office building (on an approximately 2-acre parcel with paved parking lot and landscaped areas) are located immediately south of the Site (Figure 2). One-story single-family dwellings are immediately south of W. Cinnamon Drive.
- 19th Avenue is immediately east of the Site (Figure 2). Properties immediately east of 19th Avenue generally include a church with an associated childcare facility, a park with associated gazebo, vacant unpaved unused land, a horse corral, and one-story single-family dwellings.
- One-story single-family dwellings are immediately west of the Site (Figure 2).
- A single-family residential development under construction (i.e., with unpaved streets and on-going plumbing trenchwork, foundation concrete pours, and dwelling framing/roofing activities) is immediately north of the Site (Figure 2).

2.5 Geologic/Hydrogeologic Setting

2.5.1 General Geologic Conditions

The Site is located in the south-central portion of the San Joaquin Valley, a northwest-southeast trending structural basin constituting the southern two-thirds of the Great Valley geomorphic province of California. The San Joaquin Valley is a broad structural trough dominated by coalescing alluvial fans and flood plains derived from rivers and streams emerging from the Sierra Nevada and Coastal Ranges east and west of the valley, respectively. The San Joaquin Valley is approximately 250 miles long, averages approximately 35 miles in width, and encompasses approximately 10,000 square miles, excluding the bordering foothills (Poland et al., 1975).

The structural floor of the San Joaquin Valley is asymmetrical, sloping westward to its greatest depth near the western margin of the valley. Valley fill consists of a thick sequence of marine and overlying continental rocks and sediments, Jurassic to Holocene in age that reach a thickness of as much as 28,000 feet on the southwest side of the valley.

Oligocene to Holocene continental rocks and deposits beneath the Site include a heterogeneous mix of generally poorly sorted clay, silt, sand, and gravel as well as some beds of claystone, siltstone, sandstone, and conglomerate (Page, 1986). Sedimentary deposits rest on crystalline basement rocks.

The Site and the surrounding area are situated on recent alluvial fan sediments deposited from streams emerging from highlands surrounding the San Joaquin Valley (Mathews and Burnett, 1965). The terrain of the Site and vicinity is relatively flat and gently slopes west to west-southwest. The Site elevation is between 220 and 225 feet above mean sea level (USGS, 1954).

The foregoing information regarding geologic conditions associated with the Site is generalized. Additional information regarding local and regional geologic conditions and an evaluation of potential geologic and seismic hazards which may be associated with the Site is in BSK's *Geologic and Seismic Hazards Assessment* report for the Site dated

October 5, 1999 (BSK Job 01300052) or could be obtained by additional investigation (not part of the scope of work for this ESA).

2.5.2 General Soil Conditions

According to information obtained from the United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS), surface soil at the Site is the Grangeville sandy loam, saline-alkali. The very deep, somewhat poorly drained, soil formed in alluvium derived dominantly from igneous rock.

Information obtained from the USDA soil survey indicates that the surface layer of the Grangeville soil is typically dark gray sandy loam and loam approximately 14 inches thick. The underlying material to approximately 60 inches below ground surface (bgs) or more is stratified light olive gray, olive gray, gray, and pale olive sandy loam, fine sandy loam, and very fine sandy loam. In some areas the surface layer is fine sandy loam. The soil is calcareous above a depth of 49 inches and is saline-alkali throughout.

According to USDA information, permeability of the soil is moderate. The available water capacity is low to moderate. Runoff is slow and the hazard of water erosion is slight.

The soil is suited to irrigated crops that are salt- and alkali-tolerant. The Grangeville soil is used mainly for irrigated barley and cotton. It is also used for hay and pasture and urban development. The main limitations for urban development are wetness, the saline-alkali condition of the soil, and the hazard of flooding.

According to findings of a soil and foundation investigation for the Site that are documented in BSK's *Soil and Foundation Investigation* report for the Site dated October 2, 2002 (BSK Job 03230063), the upper 5 feet of on-Site soil consists of fine to coarse grained silty sand with a trace of clay. The upper one foot is considered loose. Findings of the subject investigation suggest that layers of sand, silty sand, clayey sand, and sandy clay extend beneath the Site from approximately 5 to 50 feet bgs.

The Site soil profile indicated above is generalized. Additional information regarding Site soil conditions is available from the NRCS, is documented in BSK's *Soil and Foundation Investigation* report for the Site, or could be obtained by the collection and testing of soil samples associated with a soil investigation for the Site (not part of the scope of work for this ESA).

2.5.3 General Hydrogeologic Conditions

The Site is within the San Joaquin Basin Hydrologic Study Area that includes approximately the southern two-thirds of the Great Valley. Within the Study Area, 39 groundwater basins and areas of potential storage have been identified. The boundaries of these areas are based largely on hydrologic, as well as political conditions. General movement of groundwater within the San Joaquin Valley is from the flanks of the valley to the axis of the trough on the western side of the valley and subsequently toward the Sacramento Delta area (Page, 1986).

In the San Joaquin Valley, groundwater occurs in unconfined and semiconfined aquifers. Unconfined groundwater generally occurs in continental deposits and semiconfined groundwater generally occurs in flood basin deposits (Page, 1986).

The San Joaquin Valley is an area of substantial groundwater withdrawal and recharge due to municipal, industrial, and agricultural use. Wide fluctuations in groundwater levels are not uncommon due to variations in municipal pumping and irrigation practices.

BSK accessed the California Department of Water Resources (DWR's) website at <http://www.wdl.water.ca.gov> to obtain information regarding the approximate depth to groundwater and the general groundwater flow direction beneath the Site vicinity. Information obtained from the DWR indicates that the depth to groundwater in the Site vicinity can vary significantly. For example, the latest available DWR data indicate that the depth to groundwater in a well approximately 1.25 miles northeast of the Site was approximately 97 feet bgs in February 2002, the depth to groundwater in a well approximately 0.75 miles south of the Site was approximately 11 feet bgs in October 2001,

and the depth to groundwater in a well approximately 1.5 miles west-northwest of the Site was approximately 119 feet bgs in February 2002. Soil borings drilled at the Site in September 2002 as part of the above-referenced soil and foundation investigation conducted by BSK encountered groundwater 10 to 16 feet bgs (BSK, 2002). Review of the DWR's map *Spring 2000, Lines of Equal Elevation of Water in Wells, Unconfined Aquifers* indicates that the regional groundwater flow direction beneath the Site vicinity is generally southwest. It should be understood that local pumping, recharge conditions, and seasonal variations (e.g., the lack or abundance of precipitation or snow-melt water) can affect the depth to groundwater and the groundwater flow direction and gradient.

Based on observations during Site and vicinity reconnaissance activities, there are no bodies of surface water (e.g., lakes/ponds, rivers/streams, or stormwater basins) on the Site or properties immediately adjacent to the Site.

BSK reviewed the Flood Insurance Rate Map (FIRM) published by the Federal Emergency Management Agency (FEMA) that includes the Site (available at the Lemoore Community Development Department in Lemoore, CA,) to obtain information regarding the potential for flooding at the Site. According to the subject FIRM, the Site and immediately adjacent properties are in an area designated as Zone X. The FIRM defines Zone X as "areas determined to be outside [the] 500-year flood plain."

The foregoing information regarding hydrogeologic conditions associated with the Site and vicinity is generalized. Additional information regarding local and regional hydrogeologic conditions could be obtained by additional investigation (not part of the scope of work for this ESA).

3.0 RESULTS OF SITE HISTORY/LAND USE REVIEW

3.1 Review of City Building Department Information

BSK contacted the City Building Department to obtain information from available records (e.g., construction, renovation, and demolition permits, etc.) that would provide an indication of the developmental history and potential former use of the Site.

Based on information obtained at the City Building Department, there are no records that indicate the Site had previously been developed or that provide information on the former Site use.

3.2 Review of Historical Fire Insurance Maps

BSK retained Environmental Data Resources, Inc. (EDR) of Southport, CT, to conduct a search of available historical Sanborn fire insurance maps to obtain information regarding the former land use and occupants of the Site.

According to EDR's *Sanborn® Map Report*, the largest and most complete collection of Sanborn fire insurance maps were reviewed and fire insurance maps depicting the Site were not identified.

3.3 Review of Historical Street Directories

BSK reviewed available historical street directories to obtain information regarding occupants of addresses potentially associated with the Site in order to provide an indication of the former land use of the Site. BSK reviewed historical street directories at the Hanford Branch of the Kings County Library in Hanford, CA. Polk's directories for the years including 1948, 1953, 1958, 1963, 1969, 1974, 1981, 1986, 1991, 1994, 1997, 1999, and 2000 (the latest available publication) were reviewed. As indicated in Section 2.1, the only existing or former address associated with the Site is for the Lemoore UESD's administration office building located immediately south of the Site at 1200 W. Cinnamon Drive.

The review of available directories indicated that W. Cinnamon Drive was formerly known as Hume Avenue from at least as early as 1986 until at least 1991. "West Hills Community College" was listed in the 1986 and 1991 directories with a 1200 Hume Avenue address. The 1997 directory listed "Kings County Campus" at 1200 W. Cinnamon Drive and the 1999 directory listed "R.E. Holmes" for the subject address. The review of available directories did not indicate that there were other addresses or occupants formerly associated with the Site. Neither 1200 Hume Avenue nor 1200 W. Cinnamon Drive were listed in directories prior to 1986, in 1994, or after 1999. Findings did not suggest that Site activities have previously been associated with commercial or industrial use (i.e., no commercial or industrial businesses were listed for the address associated with the Site).

3.4 Review of Historical Topographic Maps

To obtain information regarding the developmental history and land use of the Site and immediate vicinity, BSK reviewed historical United States Geological Survey (USGS) topographic maps dated 1927 and 1954 that were obtained from EDR. The following summarizes information obtained from the review of the subject topographic maps:

1927: Information on the map does not indicate that there were bodies of surface water or buildings, roads, or other structures on Site. Information on the map does not indicate the use of the Site.

The subject map indicates that 19th Avenue extended immediately east of the Site along its existing route, but no road extended immediately south of the Site (i.e., neither W. Cinnamon Drive nor Hume Avenue). The map indicates that several dwelling-size structures were located east of 19th Avenue near the southeast corner of the Site. The map indicates that an irrigation canal or ditch extended east-west immediately south of the existing route of W. Cinnamon Drive and that a 3- to 5-acre area immediately west of the Site (at the existing housing development) was topographically lower than the surrounding terrain. Otherwise, the map does not indicate that there were bodies of surface water or buildings, roads, or other structures on properties immediately adjacent to the Site or provide information regarding the use of adjacent properties.

The map indicates that a railroad extended generally east-northeast to west-southwest approximately 0.33 miles south of the Site. Information on the maps suggests that the land use of properties within approximately 0.5 miles of the Site was generally agricultural and rural/urban residential.

1954: The map indicates that a pipeline (potentially a high-pressure natural gas pipeline) extended generally north-south approximately 1,750 feet west of the Site. Otherwise, information on the 1954 map with respect to the Site, properties immediately adjacent to the Site, and properties within approximately 0.5 miles of the Site is generally the same as indicated on the 1927 map.

To summarize, the review of the subject historical topographic maps does not suggest that there were bodies of surface water or buildings, roads, or other structures on Site since at least as early as 1927 until at least 1954. Excepting 19th Avenue immediately east of the Site, several off-Site dwelling-size structures near the southeast corner of the Site, and an irrigation canal or ditch south of the Site, information on the maps does not indicate that there were bodies of surface water or buildings, roads, or other structures on properties immediately adjacent to the Site at least as early

as 1927 until at least 1954. Information on the maps suggests that the land use of properties within approximately 0.5 miles of the Site was generally agricultural and rural/urban residential as early as 1927 until at least 1954. Information on the maps suggests that the topography of the area within approximately 0.5 miles of the Site was generally the same between at least 1927 until at least 1954. Review of the subject maps indicates that a pipeline (potentially a high-pressure natural gas pipeline) extended generally north-south approximately 1,750 feet west of the Site at least as early as 1954.

3.5 Review of Historical Aerial Photographs

To obtain information regarding the developmental history and land use of the Site and immediate vicinity, BSK reviewed aerial photographs of the Site dated 1950, 1957, and 1967 at the USDA Natural Resources Conservation Service, in Hanford, CA, an aerial photograph dated 1972 that was provided by EDR, an aerial photograph dated 1994 obtained through links associated with the website TerraServer.Com, and an aerial photograph dated 2002 at the City Community Development Department in Lemoore, CA. The following summarizes information obtained from the review of the subject aerial photographs:

1950 (Scale 1" = 660'): It appeared that the Site was vacant agricultural land planted in alfalfa or similar crop (based on the large width of areas between rows). It did not appear that bodies of surface water or buildings, roads, or other structures were on Site.

A small off-Site structure (of the size generally associated with a shed or small mobile home) appeared to be near the southeast corner of the Site. 19th Avenue extended immediately east of the Site as it currently exists. It appeared that an unpaved road extended immediately south of the Site along the route of the existing W. Cinnamon Drive and that a waterway (e.g., irrigation canal) extended east-west immediately south of the subject unpaved road. No other roads or bodies of surface water were on other properties immediately adjacent to the Site. Several large trees and dwelling-size structures with associated garage-size and/or shed-size structures were east of 19th Avenue near the southeast corner of the Site and also east of 19th Avenue near the northeast corner of the Site. Otherwise, land immediately adjacent to the Site generally appeared to be vacant cultivated row-crop land and vacant pasture or fallow land.

The land use of other properties within approximately 0.5 miles of the Site generally appeared to be agricultural (generally cultivated row- and field-crop land, fallow land, and land used for animal raising) with associated structures (e.g.,

farmhouses and barns/sheds) and urban dwellings and commercial properties associated with Lemoore to the southeast.

1957 (Scale 1" = 660'): The Site, properties immediately adjacent to the Site, and the land use of properties within approximately 0.5 miles of the Site appeared basically the same as in the 1950 photograph.

1967 (Scale 1" = 1,320'): Excepting an increase in the number of urban dwellings and commercial structures associated with Lemoore to the south and southeast of the Site, it appeared that the Site, properties immediately adjacent to the Site, and the land use of properties within approximately 0.5 miles of the Site were basically the same as in the 1957 photograph.

1972 (Scale 1" = 1,500'): The Site, properties immediately adjacent to the Site, and the land use of properties within approximately 0.5 miles of the Site appeared basically the same as in the 1967 photograph.

1994 (Scale 1" = 2,500'): It appeared that the existing parking lot was on Site. Three small buildings (that appeared to be two of the portable classroom buildings and a restroom building associated with the former West Hills College campus) were near the south-central portion of the Site (Figure 2). The remainder of the Site appeared to be vacant agricultural land planted in alfalfa or a similar crop.

Other buildings that appeared to be associated with the former West Hills College campus were east of the on-Site parking lot. A paved road (W. Cinnamon Drive, AKA Hume Avenue) appeared to extend east-west immediately south of the Site. Vacant pasture or fallow agricultural land appeared to be immediately south of W. Cinnamon Drive. Land immediately west and north of the Site appeared to be vacant agricultural land planted in alfalfa or a similar crop. 19th Avenue immediately east of the Site and properties immediately east of it appeared generally the same as currently exist.

The photograph indicated that there had been an increase in the number of urban dwellings and commercial structures associated with Lemoore to the south and southeast of the Site. It appeared that the land use of properties within approximately 0.5 miles of the Site was generally agricultural and urban commercial and residential.

2002 (Scale 1" = 800'): The Site, properties east, west, and south of the Site, and the land use of properties within approximately 0.5 miles of the Site appeared basically as currently exists. Property immediately north of the Site appeared to be vacant agricultural land planted in alfalfa or a similar crop.

In summary, review of the subject aerial photographs suggests that the Site was agricultural land planted in alfalfa or a similar crop from at least as early as 1950 until at least 1972. Findings do not suggest that bodies of surface water or buildings, roads, or other structures were on Site during that period. The existing parking lot and three buildings associated with the former West Hills College campus were on Site by 1994. Other off-Site structures associated with the former West Hills College campus were east of the Site parking lot by 1994. The Site was generally as it currently exists by 2002. Properties immediately adjacent to the Site have generally included cultivated agricultural land, buildings associated with the West Hills College campus, and rural and urban dwellings. The land use of other properties within approximately 0.5 miles of the Site has generally included agricultural and rural residential, as well as urban residential and commercial activity associated with Lemoore.

4.0 INTERVIEWS

BSK contacted individuals knowledgeable of the current and/or former use of the Site and vicinity to obtain information regarding the Site history, develop a preliminary assessment of the environmental condition of the Site, and obtain information regarding the potential for soil, groundwater, and/or surface water contamination associated with the former or current generation, use, storage, handling, or disposal of hazardous materials and/or petroleum products on or in the vicinity of the Site. Interviewees included Ms. Casey (Administrative Assistant to the Superintendent for the Lemoore UESD), Mr. Verma (City Director of Planning and Community Development), Mr. Dave Bolt (Dean of Educational Student Services for West Hills College, Lemoore, CA), Ms. Joyce De Machado (Lemoore Volunteer Fire Department), Mr. Dave Walashin (City of Lemoore Public Works Director and Fire Marshall for the Lemoore Voluntary Fire Department), and Mr. Tim Fillmore (Supervising Environmental Health Specialist with the Kings County Environmental Health Services Division). Based on their recollections, information obtained from interviewees is summarized below:

- The Site and properties proximal to the Site were open agricultural land prior to developments as they currently exist. (Mr. Verma)
- The former West Hills College campus generally included the on-Site parking lot, off-Site classroom/administration buildings and other off-Site improvements immediately east of the on-Site parking lot, and on-Site portable classroom buildings and an on-Site restroom building near the

south-central portion of the Site. The West Hills College campus was constructed circa 1981, with some buildings and other improvements added after that time. The subject campus utilized municipal water-supply and sanitary sewer facilities (Mr. Bolt)

- The LUESD purchased the Site and other areas associated with the West Hills College campus in the Spring of 2002. (Ms. Casey)
- West Hills College moved to a new campus in southwest Lemoore between January and May 2002. All campus buildings were removed excepting an off-Site classroom building and an off-Site metal storage building. (Mr. Bolt)
- The off-Site West Hills College classroom building that was not removed was refurbished and has been used since July 2002 as the LUESD's administration building (at 1200 W. Cinnamon Drive). The off-Site metal storage building that was not removed is empty and not used (Figure 2). The on-Site parking lot has generally not been used since the West Hills College campus moved. Other areas of the Site have not been used since the LUESD acquired the Site. There have been no indications that the Site was negatively impacted by activities associated with the former West Hills College campus. (Ms. Casey)
- Soil and road materials that are stockpiled on Site are believed to have been brought on Site during street-widening activities associated with W. Cinnamon Drive and/or during the installation of City sewer and water facilities beneath 19th Avenue. There have been no indications that the Site was negatively impacted by activities associated with the subject public works projects. (Ms. Casey)
- There are no indications that aboveground or underground fuel-storage tanks are or have previously been associated with the Site or that vehicle or heavy-equipment maintenance activities have been associated with the Site. There are no indications that water wells are or have previously been on Site. (Mr. Bolt)
- Hazardous materials and/or petroleum products associated with former West Hills College building maintenance activities (e.g., paint, solvents, lubricants, lawn-equipment fuel, etc.) and science courses (e.g., acids/bases, organic compounds, and other materials used in Chemistry and Biology classes) were stored and disposed of in accordance with regulatory requirements, chemical manufacturer's recommendations, and industry standards. Hazardous materials and/or petroleum products used in science labs were stored in the existing off-Site metal storage building (Figure 2). There were no spills, leaks, or other incidents involving hazardous materials or petroleum products associated with the existing off-Site storage building. (Mr. Bolt)

- In the early 1990s, a container of a waste chemical suspected of being unstable and explosive was found in storage on the former West Hills College campus. Evacuation procedures were implemented and the Lemoore police/fire departments and a unit of the Fresno County bomb squad were summoned to the former campus. The bomb squad transported the chemical container to the vacant unpaved portion of the Site and subsequently destroyed the chemical by detonation. No injuries or property damaged were associated with the incident. There have been no other spills, leaks, or other incidents involving hazardous materials at the former West Hills College campus. (Mr. Bolt)

According to a Lemoore Volunteer Fire Department (LVFD) report, the above-referenced incident occurred mid- to late-morning on December 3, 1992. The subject chemical was identified as "collodion" (a viscous solution of pyroxylin, a flammable mixture of cellulose nitrates that is less explosive than gunpowder and used in making plastics and coatings). The chemical was removed and detonated by the Fresno County bomb squad without injury or property damage. The LVFD has no record of other hazardous-material spills, leaks, or incidents associated with the Site. (Ms. Machado)

- Excepting the above-referenced geologic and seismic hazard investigation conducted by BSK, there is no knowledge that previous environmental investigations (e.g., preliminary environmental Site assessments, soil and/or groundwater characterizations, soil and/or groundwater remediation activities) have been associated with the Site. (Mr. Bolt)
- Excepting the above-referenced geologic and seismic hazard investigation conducted by BSK and also excepting the above-referenced soil and foundation investigation conducted by BSK, there is no knowledge that previous environmental investigations have been associated with the Site. (Ms. Casey)
- There have been no regulatory agency violations associated with the Site with respect to environmental issues. (Mr. Bolt and Ms. Casey)
- There are no indications that activities currently or formerly associated with the Site or immediately adjacent properties have materially impacted the environmental condition of the Site or immediate vicinity. (Mr. Bolt, Ms. Casey, Ms. Machado, and Mr. Walashin)
- Mr. Walashin has been the City Public Works Director approximately 27 years and the Fire Marshall for the Lemoore Volunteer Fire Department (LVFD) for approximately 20 years. Excepting when a portion of the Site was associated with the West Hills College campus, to his recollection the Site has always been vacant agricultural land. The on-Site sub-grade vaults at the east side of the Site are associated with underground municipal

water-supply facilities. Soil and road materials that are stockpiled on Site were likely deposited on Site during City Public Works projects associated with roadwork along W. Cinnamon Drive and 19th Avenue. (Mr. Walashin)

- The Kings County Environmental Health Services Department (KCEHSD) has no record of former/existing USTs associated with the Site or records of hazardous-material or petroleum-product spills, leaks, investigations, or cleanups associated with the Site. The KCEHSD has no record of regulatory agency violations associated with the Site with respect to environmental issues. There are no records to indicate that existing/former activities conducted on the Site or in the Site vicinity have negatively impacted the environmental condition of the Site. (Mr. Fillmore)

5.0 RESULTS OF REGULATORY AGENCY REVIEW

To obtain information regarding former or current generation, use, storage, handling, or disposal of hazardous materials and/or petroleum products on or in the vicinity of the Site, BSK retained EDR to conduct an environmental record search of federal and state regulatory agency databases. EDR's record search meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments (E 1527-00). EDR's findings are documented in *The EDR-Radius Map with GeoCheck®* report (EDR Report) dated April 29, 2003, that is in Appendix B. BSK also contacted and/or reviewed information at state and local regulatory agencies to identify former or current practices on or in the vicinity of the Site that have the potential to impact the environmental condition of the Site.

Findings of the federal, state, and local regulatory agency records search/review reported by EDR and conducted by BSK are summarized in Sections 5.1 through 5.3 below. For brevity, the names and addresses of sites identified in a database are generally only listed below if the site is within approximately 0.25 miles of the Site. Refer to the EDR information in Appendix B for a complete list of the site names and addresses identified in the subject databases.

5.1 Federal Agency Sources

5.1.1 NPL

The National Priority List (NPL), also known as the Superfund List, is a U.S. Environmental Protection Agency (USEPA) listing of uncontrolled or abandoned

hazardous waste sites that may pose significant risk to human health and the environment. Sites included on the list are prioritized and targeted for remedial action and receive remedial funding under the Comprehensive Environmental Response, Conservation, and Liability Act (CERCLA), AKA the Superfund Act.

The Site was not identified on the NPL. No site within approximately 1 mile of the Site (the search radius for this database) was identified on the NPL.

5.1.2 Proposed NPL

This USEPA database lists sites that have been proposed for inclusion on the NPL.

The Site was not identified on the Proposed NPL. No site within approximately 1 mile of the Site (the search radius for this database) was identified on the Proposed NPL.

5.1.3 NPL Liens

The Federal Superfund Liens (NPL Liens) is a USEPA database that contains a listing of filed notices of Superfund Liens.

The Site (the target property searched for in this database) was not identified in the NPL Liens database.

5.1.4 Delisted NPL

This USEPA database lists sites that have been removed from the NPL.

The Site was not identified in the Delisted NPL database. No site within approximately 1 mile of the Site (the search radius for this database) was identified in the database.

5.1.5 CERCLIS

The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) list is a compilation of known or suspected uncontrolled or abandoned hazardous waste sites that have been or currently are under investigation by USEPA for

the release, or threatened release of hazardous substances. Sites on the CERCLIS list may ultimately be placed on the NPL.

The Site was not identified on the CERCLIS list. No site within approximately 0.5 miles of the Site (the search radius for this database) was identified on the list.

5.1.6 CERCLIS - NFRAP

This database includes No Further Remedial Action Planned (NFRAP) sites that have been removed from the CERCLIS list. Sites in this database may be properties where no contamination was found, contamination was removed quickly without the site being placed on the NPL or the contamination was not serious enough to require Superfund action or NPL consideration.

The Site was not identified in the CERCLIS-NFRAP database. No site within approximately 0.25 miles of the Site (the search radius for this database) was identified in the database.

5.1.7 ERNS

The Emergency Response Notification System (ERNS) database stores information on unauthorized releases of petroleum and hazardous substances.

The Site (the target property searched for in this database) was not identified in the ERNS database.

5.1.8 RCRIS

The Resource Conservation and Recovery Information System (RCRIS) is a USEPA database that contains information pertaining to hazardous waste generators and transporters, as well as hazardous waste treatment, storage, and disposal (TSD) facilities. Facilities that generate more than 1,000 kilograms (kg) of non-acutely hazardous waste per month, or 1 kg per month of acutely hazardous waste, or meet other applicable requirements of the Resource Conservation and Recovery Act (RCRA) are classified as

large generators (LGs). Facilities that generate 100 to 1,000 kg of hazardous waste per month or meet other applicable requirements of RCRA are classified as small generators (SGs).

The Site was not identified in the RCRIS database. No TSD facility within approximately 0.5 miles of the Site (the search radius for RCRIS-TSD sites) and no LG within approximately 0.25 miles of the Site (the search radius for LGs) were identified in the RCRIS database. Two SGs within approximately 0.25 miles of the Site (the search radius for SGs) were identified in the RCRIS database. Information in the EDR report regarding the listed SGs is summarized below:

PG&E Lemoore Service Center

980 19th Avenue

Located within approximately 0.25 miles north-northeast and potentially hydraulically upgradient of the Site.

Notes: The EDR report indicates that no violations associated with the SG site were identified. Information in the EDR report with respect to the SG database does not suggest that activities conducted at the SG site have impacted or likely will impact the Site.

Artesia Ready Mix Concrete, Inc.

1000 19th Avenue

Located within approximately 0.25 miles north-northeast and potentially hydraulically upgradient of the Site.

Notes: The EDR report indicates that no violations associated with the SG site were identified. Information in the EDR report with respect to the SG database does not suggest that activities conducted at the SG site have impacted or likely will impact the Site.

5.1.9 CORRACTS

The Corrective Action Report (CORRACTS) is a USEPA database that identifies hazardous waste handlers with Resource Conservation and Recovery Act (RCRA) corrective action activity.

The Site was not identified in the CORRACTS database. No site within approximately 1 mile of the Site (the search radius for this database) was identified in the database.

5.1.10 CONSENT

The Superfund Consent Decrees (Consent) database is an USEPA-maintained list of major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites.

The Site was not identified in the CONSENT database. No site within approximately 1 mile of the Site (the search radius for this database) was identified in the database.

5.1.11 FINDS

The Facility Index System (FINDS) is a USEPA-maintained index of all facilities that are regulated or have been assigned an identification number for other purposes and provides "pointers" to other sources that may contain additional information. Identification of a site on the FINDS database does not necessarily indicate the site is an area of environmental concern.

The Site (the target property searched for in this database) was not identified in the FINDS database.

5.1.12 HMIRS

The Hazardous Materials Information Reporting System (HMIRS) is a U.S. Department of Transportation (DOT) database that contains information regarding hazardous material spill incidents reported to the DOT.

The Site (the target property searched for in this database) was not identified in the HMIRS database.

5.1.13 MLTS

The Material Licensing Tracking System (MLTS) is a Nuclear Regulatory Commission (NRC) database that lists sites which possess or use radioactive materials which are subject to NRC licensing requirements.

The Site (the target property searched for in this database) was not identified in the MLTS database.

5.1.14 PADS

The PCB Activity Database System (PADS) is a USEPA database that identifies generators, transporters, commercial storers, and/or brokers and disposers of PCB's who are required to notify the USEPA of such activities.

The Site (the target property searched for in this database) was not identified in the PADS database.

5.1.15 RAATS

The RCRA Administrative Action Tracking System (RAATS) is a USEPA database that contains records of enforcement actions issued under RCRA pertaining to major violations and includes administrative and civil actions brought by the USEPA.

The Site (the target property searched for in this database) was not identified in the RAATS database.

5.1.16 ROD

The Records of Decision (ROD) is a National Technical Information Service (NTIS) database. ROD documents mandate a permanent remedy at an NPL site containing technical and health information to aid in the cleanup.

The Site was not identified in the ROD database. No site within approximately 1 mile of the Site (the search radius for this database) was identified in the database.

5.1.17 TRIS

The Toxic Release Inventory System (TRIS) contains information on the industrial release and/or transfer of toxic chemicals as reportable under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III).

The Site (the target property searched for in this database) was not identified in the TRIS database.

5.1.18 TSCA

The Toxic Substances Control Act (TSCA) database is maintained by USEPA/NTIS. The TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list.

The Site (the target property searched for in this database) was not identified in the TSCA database.

5.1.19 FTTS

The FTTS is the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA) Tracking System that is maintained by the USEPA Office of Prevention, Pesticides, and Toxic Substances. The FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA, and the Emergency Planning and Community Right-to-Know Act (EPCRA).

The Site (the target property searched for in this database) was not identified in the FTTS database.

5.1.20 MINES

The MINES is the Mines Master Index File that contains information on facilities that conduct activities associated with the U.S. Department of Labor, Mine Safety and Health Administration.

The Site was not identified in the MINES database. No site within approximately 0.25 miles of the Site (the search radius for this database) was identified in the MINES database.

5.1.21 Coal Gas

This EDR proprietary database includes information regarding former manufactured gas (coal gas) sites.

The Site was not identified in the Coal Gas database. No site within approximately 1 mile of the Site (the search radius for this database) was identified in the database.

5.2 State Agency Sources

5.2.1 BEP

The Bond Expenditure Plan (BEP) is a California Department of Health Services site-specific expenditure plan that was developed as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds.

The Site was not identified in the BEP. No site within approximately 1 mile of the Site (the search radius for this database) was identified in the BEP.

5.2.2 Annual Work Plan

The California Environmental Protection Agency (Cal/EPA) is required to develop a site-specific expenditure plan as the basis for an appropriation of California Hazardous Substance Cleanup Bond Act of 1984 funds. The Annual Work Plan (AWP), previously known as the Bond Expenditure Plan, identified California hazardous waste sites Cal/EPA and USEPA have targeted for cleanup.

The Site was not identified in the AWP. No site within approximately 1 mile of the Site (the search radius for this database) was identified in the AWP.

5.2.3 CALSITES

CALSITES is a Cal/EPA, Department of Toxic Substance Control (DTSC), list of potential hazardous wastes sites. Identification of the sites for inclusion on the CALSITES list has generally been made as a result of telephone book/file searches and windshield surveys and has generally not been made as the result of site inspection, environmental

sampling, or site characterization. Identification of a site on the CALSITES list does not necessarily indicate the site is an area of environmental concern.

The Site was not identified on the CALSITES list. No site within approximately 1 mile of the Site (the search radius for this database) was identified on the CALSITES list.

5.2.4 CHMIRS

The California Hazardous Material Incident Reporting System (CHMIRS) is a database maintained by the State California Office of Emergency Services that contains information on reported hazardous material incidents (accidental spills or releases).

The Site was not identified in the CHMIRS database. Four sites within approximately 1 mile of the Site (the search radius for this database) were identified in the database. Information in the EDR report indicates that the listed sites are 0.5 miles to 1 mile northeast to southwest of the Site. Information in the EDR report does not suggest that incidents involving hazardous materials at the listed sites have impacted or likely will impact the Site.

5.2.5 CORTESE

The CORTESE List, also known as the Hazardous Waste and Substances Sites List, contains Cal/EPA information on potential and confirmed hazardous waste or substances sites.

The Site was not identified on the CORTESE list. Nine sites within approximately 1 mile of the Site (the search radius for this database) were identified in the database. Information in the EDR report indicates that the listed sites are 0.5 miles to 1 mile east to southwest of the Site and that the listed sites are associated with leaking underground storage tanks. The EDR report indicates that the aquifer was impacted at all of the listed sites. Information in the EDR report does not suggest that activities conducted at the listed sites have impacted or likely will impact the Site.

5.2.6 LUST

The Leaking Underground Storage Tanks (LUST) information system is maintained by the California State Water Resources Control Board.

The Site was not identified in the LUST database. No site within approximately 0.5 miles of the Site (the search radius for this database) was identified on the LUST database.

5.2.7 UST

The Underground Storage Tanks (UST) list is a comprehensive listing of sites maintained by the California State Water Resources Control Board that have one or more registered USTs. Inclusion on the UST list does not necessarily indicate a site is an area of environmental concern.

The Site was not identified on the UST list. No site within approximately 0.25 miles of the Site (the search radius for this database) was identified on the UST list.

5.2.8 HIST UST

This is a hazardous substance storage container database maintained by the California State Water Resources Control Board that contains historical listings of UST sites. Inclusion on the UST list does not necessarily indicate a site is an area of environmental concern.

The Site was not identified in the subject database. No site within approximately 0.25 miles of the Site (the search radius for this database) was identified in the database.

5.2.9 INDIAN UST

This is a USEPA database of USTs on Indian land. Inclusion on the Indian UST list does not necessarily indicate a site is an area of environmental concern.

The Site was not identified in the subject database. No site within approximately 0.25 miles of the Site (the search radius for this database) was identified in the database.

5.2.10 VCP

The Voluntary Cleanup Program (VCP) database is a Cal/EPA DTSC list of low threat level properties with either confirmed or unconfirmed releases and the project proponents have requested that the DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs. Inclusion in the VCP database does not necessarily indicate a site is an area of environmental concern.

The Site was not identified in the VCP database. No site within approximately 0.5 miles of the Site (the search radius for this database) was identified in the subject database.

5.2.11 SLIC

This California Regional Water Quality Control Board database contains information concerning non-UST associated spills, leaks, investigations, and cleanups (SLICs) at unregulated sites. Sites are listed in the SLIC database if site releases have impacted or have the potential to impact groundwater.

The Site was not identified in the SLIC database. No site within approximately 0.5 miles of the Site (the search radius for this database) was identified on the list.

5.2.12 NOTIFY 65

The database contains Proposition 65 Notification records maintained by the California State Water Resources Control Board. The database contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

The Site was not identified in the NOTIFY 65 database. Two sites within approximately 1 mile of the Site (the search radius for this database) were identified in the database. Information in the EDR report indicates that the listed sites are 0.5 miles to 1 mile east-southeast to southeast of the Site. Information in the EDR report does not suggest that activities conducted at the listed sites have impacted or likely will impact the Site.

5.2.13 SWIS

The Solid Waste Information System (SWIS) database is maintained by the California Integrated Waste Management Board and contains information pertaining to active, inactive, and closed solid waste disposal sites and/or transfer facilities.

The Site was not identified in the SWIS database. No site within approximately 0.5 miles of the Site (the search radius for this database) was identified in the database.

5.2.14 WMUDS

The Waste Management Unit Database Systems is used by the California State Water Resources Control Board to track and inventory waste management units.

The Site was not identified in the WMUDS database. No site within approximately 0.5 miles of the Site (the search radius for this database) was identified in the database.

5.2.15 CA WDS

The California Waste Discharge System (CA WDS) is a California State Water Resources Control Board database that lists sites that have been issued waste discharge requirements.

The Site (the target property searched for in this database) was not identified in the CA WDS database.

5.2.16 Toxic Pits

The Toxic Pits Clean-up Act restricts the discharge of liquid hazardous waste into surface impoundments, toxic ponds, pits, and lagoons. California Regional Water Quality Control Boards annually inspect all surface impoundments. This database identifies sites suspected of containing hazardous substances where clean-up has not been completed.

The Site was not identified in the Toxic Pits database. No site within approximately 1 mile of the Site (the search radius for this database) was identified in the database.

5.2.17 FID

The Facility Inventory Database (FID) is a Cal/EPA historic listing of active and inactive UST locations from the California State Water Resources Control Board.

The Site was not identified on the FID. No site within approximately 0.25 miles of the Site (the search radius for this database) was identified in the database.

5.2.18 AST

The Aboveground Petroleum Storage Tank Facilities (AST) database is a California State Water Resources Control Board list of registered aboveground storage tanks.

The Site (the target property searched for in this database) was not identified in the AST database.

5.2.19 CLEANERS

This database is a Cal/EPA DTSC list of dry cleaner related facilities that have USEPA identification numbers. Inclusion on the list does not necessarily indicate a site is an area of environmental concern.

The Site was not identified on the CLEANERS list. No site within approximately 0.25 miles of the Site (the search radius for this database) was identified on the list.

5.2.20 DEEDS

The DEEDS database is a List of Deed Restrictions that includes information on recorded land use restrictions that are used by the Cal/EPA DTSC to protect the public from unsafe exposures to hazardous substances and wastes.

The Site (the target property searched for in this database) was not identified in the DEEDS database.

5.2.21 HAZNET

The Hazardous Waste Information System database (HAZNET) is a Cal/EPA DTSC database that includes information on the movement and disposal of hazardous waste based on submitted copies of hazardous material manifests. Inclusion in the database does not necessarily indicate a site is an area of environmental concern.

The Site was not identified in the HAZNET database. Three sites within approximately 0.25 miles of the Site (the search radius for this database) were identified in the HAZNET database. Information in the EDR report indicates that the listed sites are 0.125 to 0.25 miles south-southeast of the Site. Information in the EDR Report indicates that solid and liquid waste generated at the listed sites is transported to disposal facilities located outside of Kings County. Information in the EDR report does not suggest that activities conducted at the listed sites have impacted or likely will impact the Site.

5.2.22 NFA

The No Further Action (NFA) Determination database is maintained by the Cal/EPA DTSC and includes information on properties about which the DTSC has made a clear determination that the property does not pose a problem to the environment or to public health. Inclusion in the database does not necessarily indicate a site is an area of environmental concern.

The Site (the target property searched for in this database) was not identified in the NFA database.

5.2.23 REF

The Unconfirmed Properties Referred to Another Agency (REF) database is maintained by the Cal/EPA DTSC and includes information on properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency. Inclusion in the database does not necessarily indicate a site is an area of environmental concern.

The Site (the target property searched for in this database) was not identified in the REF database.

5.2.24 SCH

The School Property Evaluation Program (SCH) database is maintained by the Cal/EPA DTSC and includes information on proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may also be listed in the CALSITES category depending on the level of threat to public health and safety or the environment they pose. Inclusion in the database does not necessarily indicate a site is an area of environmental concern.

The Site (the target property searched for in this database) was not identified in the SCH database.

5.2.25 NFE

The Properties Needing Further Evaluation (NFE) database is maintained by the Cal/EPA DTSC and includes information on properties suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the DTSC's Preliminary Endangerment Assessment (PEA) process.

The Site (the target property searched for in this database) was not identified in the NFE database.

5.2.26 DOGGR

BSK contacted Mr. Cliff Parli (Energy and Mineral Resource Engineer) with the State of California, Division of Oil, Gas, and Geothermal Resources (DOGGR), in Coalinga, CA, to obtain information that would provide an indication whether oil/gas exploration and/or production activities are or have previously been associated with the Site and immediately adjacent properties.

The review of DOGGR Regional Wildcat Map W5-1 by Mr. Parli indicated that the Site vicinity is not associated with an oil or gas field and that no existing or former plugged/abandoned, shut-in, water injection, or producing oil or gas wells are or have previously been associated with the Site or properties within approximately 1 mile of the Site.

5.3 Local Agency Sources

5.3.1 County Environmental Health Department

BSK contacted the Kings County Environmental Health Services Division (KCEHSD) in Hanford, CA, to obtain information that would provide an indication whether USTs, LUSTs, and/or hazardous material incidents are or have previously been associated with the Site and/or immediately adjacent properties.

According to Mr. Tim Fillmore (Supervising Environmental Health Specialist), the KCEHSD has no record of former/existing USTs associated with the Site or records of hazardous-material or petroleum-product spills, leaks, investigations, or cleanups associated with the Site. Mr. Fillmore indicated that the KCEHSD has no record of regulatory agency violations associated with the Site with respect to environmental issues. Based on information obtained from Mr. Fillmore, there are no records to indicate that existing/former activities conducted on the Site or in the Site vicinity have negatively impacted the environmental condition of the Site.

5.4 Synopsis of Previous Environmental Investigations

In October 1999, BSK completed a Phase I ESA (henceforth referenced as the 1999 ESA) for an approximately 15-acre area that includes the Site, as well as the approximately 2-acre off-Site area immediately east of the Site parking lot (the existing LUESD administration building and associated parking lot and landscaped areas, see Figure 2). The 1999 ESA was conducted for the Lemoore Union High School District. Findings of the 1999 ESA are documented in BSK's *Phase I ESA Report, West Hills Community College, Lemoore Campus, 1200 W. Cinnamon Drive, Lemoore, California* dated October 14, 1999 (BSK Job 03400254). For discussion purposes in this report, the 17-acre area associated with the 1999 ESA is referenced herein as the "subject

property". The reconnaissance of the subject property was conducted by and the 1999 ESA report was prepared by Mr. Russell Anthony, BSK Project Geologist and author of this report. The following summarizes findings of the 1999 ESA:

- The subject property included approximately seven developed acres occupied by the Lemoore Campus of the West Hills Community College District (including the on- and off-Site areas immediately east of the existing Site parking lot) and approximately 10 acres of vacant undeveloped land immediately to the north (the vacant unpaved land of the Site, see Figure 2). The West Hills College campus generally included one permanent and several portable buildings used for administration and student services activities, classrooms, a library, a restroom, and a childcare facility, as well as landscaped commons areas and paved and unpaved parking areas and driveways. The subject college had approximately 460 full-time and approximately 1,380 part-time students enrolled in a wide range of (non-vocational) arts and sciences courses. The 10-acre undeveloped portion of the subject property was vacant unused land covered with vegetation in October 1999.
- Findings of the 1999 ESA indicated that the subject property and properties proximal to the it were agricultural land prior to development as they existed in October 1999. Findings indicated that the Site was cultivated agricultural land from at least as early as 1950 until the early 1980s. Results indicated that some college campus buildings were constructed in 1981 and other campus buildings and improvements were added after that time. Findings indicated that the 10-acre vacant undeveloped portion of the subject property had been vacant cultivated agricultural land or vacant unused land since 1950. Results of the 1999 ESA did not indicate that former structures or other improvements had been associated with the 10-acre vacant undeveloped portion of the subject property.
- Findings indicated that hazardous materials and petroleum products associated with college campus maintenance activities and for use in science courses were stored and handled on the subject campus. Excepting minor stains on the concrete floors of storage areas, there were no obvious indications of hazardous-material or petroleum-product spillage, leakage, or disposal associated with on-campus chemical storage areas. Findings did not suggest that on-campus chemical storage, handling, or disposal practices had materially impacted the subject property.
- Results indicated that pavement and surface soil associated with paved and unpaved on-campus parking and driveway areas was discolored by vehicle fluids at numerous locations, but findings did not suggest that vehicle-fluid leakage or spillage on pavement/soil associated with on-campus parking and

driveway areas had materially impacted the subject property. No obvious indications of hazardous-material or petroleum-product spillage, leakage, or disposal associated with landscaped areas of the subject campus were observed.

- No containers of the type generally associated with hazardous-material or petroleum-product storage were observed on the 10-acre vacant undeveloped portion of the subject property and no obvious indications of hazardous-material or petroleum-product spillage, leakage, or disposal were observed on the vacant undeveloped portion of the subject property.
- Results indicated that stormwater on the campus flowed through drains and subsurface piping to the on-Site drainage area near the southeast corner of the Site (Figure 2). Findings did not suggest that the drainage system or associated stormwater drainage area had been impacted by hazardous materials and/or petroleum products.
- Findings indicated that a potentially explosive hazardous material was removed from a campus building in December 1992 and that the material was destroyed by detonation on the vacant undeveloped portion of the subject property (see the interview information obtained from Mr. Bolt and Ms. Machado that is summarized in Section 4.0). Results did not indicate that the subject property had been materially impacted by the incident.
- Findings did not suggest that the subject property or adjacent properties had been used as a landfill or that waste-burning activities had been conducted on the subject property or adjacent properties. Results did not suggest that former or current waste disposal practices associated with the subject property or adjacent properties had materially impacted the subject property.
- Results did not indicate that USTs or ASTs were or had previously been on the subject property or adjacent properties. Results did not indicate that dry wells, seepage pits, or wells associated with oil and gas exploration/production, water supplies, groundwater monitoring, or remediation systems were or had previously been on the subject property or adjacent properties.
- Findings of the 1999 ESA did not suggest that activities associated with the subject property or adjacent properties had negatively impacted the subject property. Results indicated that there were numerous commercial and agricultural properties within approximately 0.5 miles of the subject property that stored and handled hazardous materials and petroleum products, but findings did not indicate that the subject property had been negatively impacted by those properties.

- Based on the former agricultural use of the subject property, BSK recommended in the 1999 ESA report that the collection and laboratory analysis of soil samples for potential chemicals of concern should be considered to evaluate whether soil at the subject property had been materially impacted by hazardous materials and/or petroleum products due to the application of pesticides associated with the agricultural use of the subject property and adjacent properties.
- Although it was not considered likely based on the age of the college campus buildings, BSK indicated that there was the potential that materials associated with college campus buildings contained asbestos and/or lead and BSK recommended in the 1999 ESA report that consultation with certified asbestos and lead inspectors/assessors should be considered to evaluate the potential liability associated with asbestos and/or lead in campus buildings.
- BSK recommended in the 1999 ESA report that soil beneath improvements and vegetation (i.e., areas that could not be observed during the reconnaissance) should be visually inspected during future development activities for the presence of discoloration or other indications of a hazardous-material or petroleum-product release and to evaluate the potential environmental risk associated with the subject property.

As also indicated in Sections 2.4.1 and 2.4.2, BSK completed a soil and foundation investigation and a geologic and seismic hazards assessment for the Site. The purpose of the investigations was to evaluate the subject property with respect to known geotechnical features and geologic hazards and to provide recommendations concerning development of the property. The scope of work associated with the investigations generally included drilling and sampling soil borings, laboratory testing of soil samples, and report preparation. BSK's findings and recommendations associated with the investigations pertain to geotechnical, geologic hazard, and engineering considerations concerning proposed development activities and are not summarized herein. Findings of the investigations are documented in BSK's *Soil and Foundation Investigation* report dated October 2, 2002, and BSK's *Geologic and Seismic Hazards Assessment* report dated October 5, 1999. No "chemical" odors, discolored soil, or other obvious indications generally associated with a hazardous-material or petroleum-product release were detected or observed during soil boring activities associated with the subject investigations.

Excepting the afore-mentioned investigations, findings of this ESA based on information obtained from interviews and the review of regulatory agency records do not indicate that other previous environmental investigations (i.e., environmental assessment, characterization, or remediation activities) have been conducted at the Site.

6.0 SITE AND VICINITY RECONNAISSANCE

A general reconnaissance of the Site and drive-by survey of the Site vicinity was conducted by Mr. Russell Anthony (BSK Project Geologist and author of the 1999 ESA) on May 1, 2003. Site access authorization was provided by Ms. Casey. Site boundaries were based on information provided by Ms. Casey and Ms. Patti Ernsberger (Director of Business Services for the LUESD).

6.1 Site Observations

Observations indicated that the Site generally included an approximately 2.5-acre parking lot at the southwest portion of the Site (Figure 2, Photograph 1) and that the remainder of the Site (approximately 12.5 acres) was vacant unpaved land (Photographs 2, 3, and 4).

The subject parking lot (associated with the West Hills College campus that formerly occupied the south third of the Site) was empty during Site reconnaissance activities and observations suggested that the parking lot was generally not used. The parking lot and associated lawn and planter areas appeared generally the same as in October 1999. As also indicated in the 1999 ESA report, concrete and asphalt pavement of the parking lot was discolored by vehicle fluids (e.g., oil, grease, antifreeze, and hydraulic fluid) at numerous locations. The areal extent of discolored pavement at individual locations ranged from a few square inches to several square feet, but pavement discoloration did not appear to be associated with significant pavement cracks or potholes. As also indicated in the 1999 ESA report, observations did not suggest that vehicle-fluid leakage or spillage on the parking lot pavement had materially impacted the Site.

Lawn and planter areas associated with the parking lot appeared to be appropriately maintained. No soil discoloration, stressed vegetation (except due to dehydration), or other obvious indications of a hazardous-material or petroleum-product release associated with the parking lot landscaped areas were observed. Observations did not suggest that use of pesticides, fertilizers, or other chemicals generally associated with lawn and garden maintenance activities (if any) had negatively

impacted the landscaped areas associated with the parking lot. Observations did not suggest that activities associated with the subject landscaped areas had materially impacted the Site.

BSK observed unpaved areas near the south-central portion of the Site where portable classroom buildings and a portable restroom building associated with the former West Hills College campus had been located (Figure 2, Photograph 2). No soil discoloration, stressed vegetation (except due to dehydration), or other obvious indications of a hazardous-material or petroleum-product release associated with the former building locations were observed. Observations did not suggest that use of the former buildings had materially impacted the Site.

BSK observed the approximately 40- by 80- by 2-foot-deep stormwater drainage area near the southeast corner of the Site (Figure 2, Photograph 2) that was used to collect stormwater from areas associated with the former West Hills College campus. The drainage area appeared generally the same as in October 1999, except that approximately 50 to 75 cubic yards of stockpiled soil were stored at several locations within the drainage area (Figure 2, Photograph 2). The stockpiled soil appeared to have been dropped from a transport truck and did not appear to be associated with an engineered feature. No soil discoloration, stressed vegetation (except due to dehydration), or other obvious indications of a hazardous-material or petroleum-product release associated with the subject soil stockpiles or the subject drainage area were observed. Observations did not suggest that use of the drainage area or activities associated with the soil stockpiles had materially impacted the Site.

Approximately 10 to 15 cubic yards of stockpiled soil, sand, road base aggregate, asphalt pavement rubble, and small amounts of construction materials (generally PVC and concrete sewer pipe and scrap lumber) were near the east-central and northeast portions of the Site (Figure 2, Photograph 3). No soil discoloration, stressed vegetation (except due to dehydration), or other obvious indications of a hazardous-material or petroleum-product release associated with the subject stockpiles were observed. Observations did not suggest that activities associated with the stockpiles had materially impacted the Site.

Street lights associated with the on-Site parking lot and utility poles (without electrical transformers), road signs, and sub-grade vaults associated with underground municipal water-supply facilities at the east side of the Site (i.e., adjacent to 19th Avenue) were observed. Observations did not suggest that use of the subject facilities had negatively impacted the Site.

Observations indicated that an unpaved road near the southeast corner of the Site (Figure 2) and unpaved areas adjacent to 19th Avenue had been used intermittently by motor vehicles. Surface soil along those areas was discolored by vehicle fluids at a few locations. The areal extent of discolored soil at individual locations ranged from a few square inches to a few square feet, but the depth of soil discoloration did not appear to exceed approximately 3 inches bgs (as determined by scraping away surface soil). Observations did not suggest that vehicle-fluid leakage or spillage on unpaved driveway areas of the Site had materially impacted the Site.

Dense vegetation (generally native grasses, forbs, and brush) prohibited observation of soil conditions at many locations on the approximately 10-acre vacant unpaved portion of the Site (Photographs 3 and 4). The subject area appeared to have been disced at some point to control weed growth. No soil discoloration or stressed vegetation (excepting due to dehydration) indicative of weed-control herbicide application was observed.

A very small amount of widely-scattered domestic trash (generally waste food wrappers and containers) littered some areas of the Site. Observations did not indicate that waste-disposal activities associated with the Site had materially impacted the Site.

Excepting the drainage area near the southeast corner of the Site, the topography of the Site was generally flat and level. Observations suggested that stormwater on Site would collect in the subject drainage area or other topographically low areas and drain into Site soil. Observations suggested that surface water runoff from the Site (if any) would generally drain to adjacent off-Site streets and then to municipal stormwater collection facilities. There were no obvious indications that stormwater drainage associated with the Site had materially impacted the Site.

No obvious indications of existing or former USTs (e.g., fuel dispensers, manways, fill or vent pipes, etc.) were observed on Site. No ASTs or obvious indications of former ASTs (e.g.,

dispensers, tank support pads, tank footprints, etc.) were observed on Site. No containers of the type generally associated with hazardous-material and/or petroleum-product storage (e.g., 55-gallon drums, 5-gallon buckets, 3- and 1-gallon containers, bags/sacks, etc.) were observed on Site. There were no obvious indications that the Site had been impacted by former or current activities associated with the use, storage, or disposal of hazardous materials or petroleum products.

No construction materials of the type generally associated with asbestos (e.g., drywall materials, flooring and roofing materials, insulation, etc.) were observed on Site.

No batteries, obvious indications of plumbing solder, painted materials (excepting road signs), or other sources generally associated with lead were observed on Site.

No pole- or pad-mounted electrical transformers, sub-grade transformer vaults, or other sources generally associated with PCBs were observed on Site.

No obvious indications were observed to suggest that seepage pits, drywells, or wells associated with oil and gas exploration/production, public or private drinking-water supplies, groundwater monitoring, or remediation system extraction/injection were or have previously been on Site. There were no obvious indications that landfill activities have been associated with the Site.

Excepting sub-grade vaults for underground municipal water-supply facilities at the east side of the Site, no above ground marker signs or other obvious indications were observed to indicate that utility lines (e.g., electrical, gas, or water) extend beneath the Site.

No concrete foundations or other structures indicative of former buildings were observed on Site. There were no obvious indications that the Site use had previously been materially different that currently exists.

Excepting the absence of the portable classroom buildings and portable restroom building associated with the former West Hills College campus and also excepting the presence of the

above-mentioned stockpiles (Figure 2), the Site appeared generally the same as in October 1999. There were no obvious indications that current or former on-Site activities had materially impacted the Site.

6.2 Adjacent Sites and Vicinity Observations

BSK observed properties immediately adjacent to and within approximately 0.5 miles of the Site for obvious indications of hazardous-material or petroleum-product generation, use, handling, storage, or disposal on those properties and to provide an indication whether hazardous materials and/or petroleum products associated with those properties have impacted or potentially could impact the Site. A summary of BSK's observations (as viewed from the Site and publically-accessible streets) follows:

- The approximately 2-acre area immediately east of the on-Site parking lot (Figure 2) generally included the Lemoore UESD's one-story administration office building (a permanent building formerly used as West Hills College classrooms), an approximately 10- by 12-foot metal storage building (formerly used to store chemicals used in former West Hills College science labs), lawn and landscaped areas, and a paved parking lot. No obvious indications of a hazardous-material or petroleum-product release associated with the subject metal storage building were observed. Excepting the absence of five portable buildings associated with the former West Hills College campus, the subject area and associated improvements appeared generally the same as in October 1999. No soil discoloration, stressed vegetation (except due to dehydration), or other obvious indications of a hazardous-material or petroleum-product release associated with the former portable building locations were observed. Observations did not suggest that use of the former buildings or other activities associated with the former West Hills College campus had negatively impacted the Site.
- Observations indicated that land immediately west of the Site was a residential development with single-family dwellings and that land immediately north of the Site was a single-family residential development under construction. The subject areas were vacant tilled agricultural land in October 1999.
- Observations indicated that land immediately south of the Site (across W. Cinnamon Drive) was a residential development with single-family dwellings that appeared generally the same as in October 1999. Land immediately east of the Site (across 19th Avenue) included a church with an associated childcare facility, a park with associated gazebo, vacant unpaved unused land, a horse corral, and one-story single-family dwellings, all of which appeared generally the same as in October 1999.

- No obvious indications of existing or former USTs were observed on properties immediately adjacent to the Site and no ASTs or obvious indications of former ASTs were observed on properties immediately adjacent to the Site. No drums or other containers generally associated with hazardous-material and/or petroleum-product storage were observed on properties immediately adjacent to the Site.
- No manway vaults typically associated with groundwater monitoring or remediation system wells and LUST sites were observed on properties immediately adjacent to the Site and no obvious indications of seepage pits, drywells, or oil/gas wells were observed on properties proximal to the Site.
- No discolored soil, no stressed vegetation (except due to dehydration), and no other obvious indications of a hazardous-material or petroleum-product release were observed on properties immediately adjacent to the Site. There were no obvious indications that properties immediately adjacent to the Site have been used as a landfill or that former or current waste-disposal practices on immediately adjacent properties have impacted the Site.
- No obvious indications were observed to suggest that activities conducted on immediately adjacent properties have negatively impacted the Site.
- Numerous agricultural and commercial properties of the type that commonly store and handle hazardous materials and petroleum products were observed within approximately 0.5 miles of the Site. No indications were observed to suggest that activities conducted on those properties have impacted or likely would impact the environmental condition of the Site.

7.0 SUMMARY AND CONCLUSIONS

Based on information obtained from Site and Site-vicinity observations, interviews, and the review of historical and regulatory agency information, the following summary and conclusions are presented:

- Findings of this ESA indicate that the approximately 15-acre Site generally includes an approximately 2.5-acre paved parking lot at the southwest portion of the Site (Figure 2, Photograph 1) and that the remainder of the Site (approximately 12.5 acres) is vacant unpaved land (Photographs 2, 3, and 4). Results indicate that the Lemoore UESD acquired the Site and an adjacent approximately 2-acre off-Site parcel immediately east of the on-Site parking lot in Spring 2002. The off-Site 2-acre parcel includes the Lemoore UESD's administration office building and associated landscaped areas and parking lot (Figure 2).

- ESA results indicate that the Site was agricultural land planted in alfalfa or a similar crop from at least as early as 1950 until the early 1980s when the south third of the Site (approximately) and the above-referenced adjacent 2-acre parcel were developed as the West Hills College campus. The subject campus generally included the on-Site parking lot, on-Site portable classroom buildings and an on-Site restroom building near the south-central portion of the Site, and off-Site classroom/administration buildings and other off-Site improvements on the subject 2-acre parcel immediately east of the on-Site parking lot.
- Findings do not indicate that former structures or other improvements have been associated with the 10-acre vacant unpaved portion of the Site (Figure 2). Findings indicate that the approximately 10-acre vacant unpaved portion of the Site has not been used since the development of the former West Hills College campus in the early 1980s.
- Results of the ESA indicate that West Hills College relocated to another Lemoore location between January and May 2002. The on-Site portable classroom buildings and the on-Site restroom building were removed and all off-Site campus buildings were removed, excepting a classroom building (used as the Lemoore UESD's administration office building since July 2002) and an off-Site metal storage building (Figure 2). Findings indicate that the on-Site parking lot and other areas of the Site have generally not been used since the West Hills College campus moved.
- Although no indications were found during ESA activities, based on the Site history, the potential exists that agricultural products (e.g., pesticides, fertilizers, soil amendments, etc.) have previously been used on Site. On that basis, it is concluded that there appears to be the potential that Site soil has been impacted by organic and/or inorganic persistent and bio-accumulative toxic substances associated with the application of agricultural products during former agricultural activities.
- ESA findings indicate that hazardous materials and/or petroleum products used in West Hills College science labs were formerly stored in the existing off-Site metal storage building east of the on-Site parking lot (Figure 2). Results do not indicate that spills, leaks, or other incidents involving hazardous materials or petroleum products were associated with the subject off-Site storage building.
- Results indicate that in 1992 a container of a waste chemical suspected of being unstable and explosive was found in storage on the former West Hills College campus. The chemical container was transported to the vacant unpaved portion of the Site by the Fresno County bomb squad and subsequently destroyed by detonation. Findings indicate that the subject chemical was identified as "collodion", a flammable mixture of cellulose nitrates that is less explosive than gunpowder and used in making plastics

and coatings. ESA findings do not indicate that there have been other spills, leaks, or other incidents involving hazardous materials associated with the former West Hills College campus or the Site.

- The concrete/asphalt pavement of the Site parking lot is discolored by vehicle fluids (e.g., oil, grease, antifreeze, and hydraulic fluid) at numerous locations, but the areal extent of discolored pavement at individual locations is not laterally extensive and pavement discoloration does not appear to be associated with significant pavement cracks or potholes. Findings do not suggest that vehicle-fluid leakage or spillage on the Site parking lot pavement has materially impacted the Site.
- Lawn and planter areas associated with the Site parking lot appear to have been appropriately maintained. No obvious indications of a hazardous-material or petroleum-product release associated with the parking lot landscaped areas were observed. There were no obvious indications that use of pesticides, fertilizers, or other chemicals generally associated with lawn and garden maintenance activities (if any) had negatively impacted the landscaped areas associated with the subject parking lot. ESA results do not suggest that activities associated with the subject landscaped areas have materially impacted the Site.
- No obvious indications of a hazardous-material or petroleum-product release were observed on the unpaved areas near the south-central portion of the Site where portable classroom buildings and a portable restroom building associated with the former West Hills College campus had been located (Figure 2). Results do not suggest that use of the former buildings had materially impacted the Site.
- Findings of the ESA indicate that an approximately 40- by 80- by 2-foot-deep on-Site stormwater drainage area near the southeast corner of the Site (Figure 2) was used to collect stormwater from areas associated with the former West Hills College campus. Approximately 50 to 75 cubic yards of stockpiled soil are stored at several locations within the drainage area. Findings suggest that the stockpiled soil was brought on Site during City Public Works projects associated with roadwork along W. Cinnamon Drive and 19th Avenue. No obvious indications of a hazardous-material or petroleum-product release associated with the subject soil stockpiles or the subject drainage area were observed. ESA results do not suggest that use of the drainage area or activities associated with the soil stockpiles has/have materially impacted the Site.
- Approximately 10 to 15 cubic yards of soil, sand, road base aggregate, asphalt pavement rubble, and small amounts of construction materials are stockpiled on-Site near the east-central and northeast portions of the Site (Figure 2). Results suggest that the stockpiled materials were brought on

Site during City Public Works projects associated with roadwork along W. Cinnamon Drive and 19th Avenue. No obvious indications of a hazardous-material or petroleum-product release associated with the stockpiled materials were observed and ESA findings do not suggest that activities associated with the subject stockpiles have materially impacted the Site.

- Street lights associated with the on-Site parking lot and utility poles (without electrical transformers), road signs, and sub-grade vaults associated with underground municipal water-supply facilities are at the east side of the Site, but ESA findings do not suggest that use of the subject facilities has negatively impacted the Site.
- Site observations indicated that an unpaved road near the southeast corner of the Site and unpaved areas adjacent to 19th Avenue have been used intermittently by motor vehicles. Surface soil along those areas is discolored by vehicle fluids at a few locations, but the areal extent of discolored soil at individual locations is not laterally extensive and soil discoloration does not appear to be vertically persistent (as determined by scraping away surface soil). Results of the ESA do not suggest that vehicle-fluid leakage or spillage on unpaved driveway areas of the Site has materially impacted the Site.
- Dense vegetation (generally native grasses, forbs, and brush) prohibits observation of soil conditions at many locations on the approximately 10-acre vacant unpaved portion of the Site (Figure 2, Photographs 3 and 4). Observations suggested that the subject area had been disced at some point to control weed growth. Findings do not indicate that weed-control herbicide application was associated with the Site.
- A very small amount of widely-scattered domestic trash (generally waste food wrappers and containers) litters some areas of the Site, but findings of the ESA do not indicate that waste-disposal activities associated with the Site have materially impacted the Site.
- Excepting the on-Site drainage area near the southeast corner of the Site, the topography of the Site is generally flat and level. ESA results do not indicate that stormwater drainage associated with the Site has materially impacted the Site.
- Findings of the ESA do not indicate that USTs or ASTs are or have previously been associated with the Site. No containers of the type generally associated with hazardous-material or petroleum-product storage were observed on Site. Findings do not indicate that the Site has been materially impacted by former or current activities associated with the use, storage, or disposal of hazardous materials or petroleum products.

- No construction materials of the type generally associated with asbestos were observed on Site. Excepting painted on-Site road signs, no sources generally associated with lead were observed on Site. No sources generally associated with PCBs were observed on Site.
- ESA results do not indicate that seepage pits, drywells, or wells associated with oil and gas exploration/production, water supplies, groundwater monitoring, or remediation systems are or have previously been associated with the Site. Findings do not indicate that landfill activities have been associated with the Site.
- There were no obvious indications that current or former on-Site activities have materially impacted the Site.
- ESA findings indicate that properties immediately adjacent to the Site were agricultural land prior to development as they generally exist.
- Results do not indicate that USTs or ASTs are or have previously been associated with properties immediately adjacent to the Site. No containers generally associated with hazardous-material and/or petroleum-product storage were observed on properties immediately adjacent to the Site.
- ESA results do not suggest that seepage pits, drywells, oil/gas wells, or facilities associated with groundwater monitoring or remediation systems are or have previously been on properties immediately adjacent to the Site.
- No obvious indications of a hazardous-material or petroleum-product release were observed on properties immediately adjacent to the Site. Findings of the ESA do not indicate that properties immediately adjacent to the Site have been used as a landfill or that former/current waste-disposal practices on immediately adjacent properties have impacted the Site.
- Results of the ESA do not suggest that activities conducted on immediately adjacent properties have negatively impacted the Site.
- Numerous agricultural and commercial properties of the type that commonly store and handle hazardous materials and petroleum products are and have previously been within approximately 0.5 miles of the Site. Findings of the ESA do not indicate that activities conducted on those properties have impacted or likely would impact the environmental condition of the Site.

8.0 RECOMMENDATIONS

Findings of this ESA do not suggest that there are recognized environmental conditions associated with the Site or adjacent properties that present a material risk of harm to public health or the environment. However, this ESA identified an area of potential concern that could be pose an environmental liability. BSK recommends that the Lemoore UESD use the information contained herein to develop an appropriate risk-management strategy with respect to the future use or disposition of the Site. BSK recommends that the Lemoore UESD carefully review the potential area of environmental concern identified herein and evaluate whether additional investigation is warranted to characterize and/or mitigate the subject area of potential concern. Based on the Lemoore UESD's risk-management needs, the following area of concern may warrant additional action:

- Based on the Site history, the potential exists (although no indications were found) that Site soil has been impacted by organic and/or inorganic persistent and bio-accumulative toxic substances associated with the application of agricultural products during former on-Site agricultural activities. On that basis and if compatible with the Lemoore UESD's risk-managements strategy, laboratory analyses of soil samples collected from former on-Site agricultural land for chemicals of potential concern should be considered to evaluate the potential environmental liability associated with Site soil.

9.0 LIMITATIONS

This ESA report has been prepared for the Lemoore UESD to evaluate the environmental condition of the Site. Unless BSK otherwise expressly agrees in writing, no other party is entitled to rely upon the observations, research information, or conclusions presented in this report or in any other material obtained by BSK from the sources identified in this report.

This ESA was conducted in accordance with BSK's scope of services and was completed following the guidelines of, but not necessarily in specific conformance to, ASTM Standard Practice for Environmental Site Assessments (E 1527-00). The purpose of this ESA was to identify recognized environmental conditions associated with the Site that have the potential to negatively impact the Site. This ESA report provides neither certification nor guarantee that the Site is free of hazardous-material and/or petroleum-product contamination or that there are no

recognized environmental conditions associated with the Site that potentially pose an environmental risk/liability or that the Site is in compliance with current applicable federal, state, or local regulations.

Conclusions presented in this ESA report are professional opinions based on information obtained from the sources identified in this report. Conclusions presented herein are intended only for the purpose, Site location, and project indicated. Information obtained from the EDR Report, public agency documents, and anecdotal recollections should be considered accurate only to the degree by which such information can be supported by further corroboration or documentation.

Sampling and analytical testing of soil, groundwater, air, radon gas, biological agents and/or construction/building materials was not part of the scope of services for this ESA. This ESA did not include sampling or laboratory analysis of materials suspected of being radioactive or containing asbestos, lead, urea-formaldehyde, mold, or PCBs.

Opinions presented herein apply to Site conditions existing at the time of our study and those reasonably foreseeable. They do not necessarily apply to Site changes of which BSK is not aware and has not had the opportunity to evaluate. Changes in conditions at the Site can occur with time, because of natural processes or the works of man, on the Site or on adjacent properties. Changes in applicable standards of practice and regulation can also occur as the 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.

Findings of this ESA may have a potential for negative impact on the value or suitability of the property for the purpose intended. BSK cannot assume liability for such negative impact.

This ESA report has been prepared in accordance with generally accepted methodologies and standards of practice for Kings County, CA, at the time of this investigation. No warranties, expressed or implied, are made as to the findings or conclusions presented in this report.

BSK ASSOCIATES

BSK

BSK Job E0310201B - May 28, 2003

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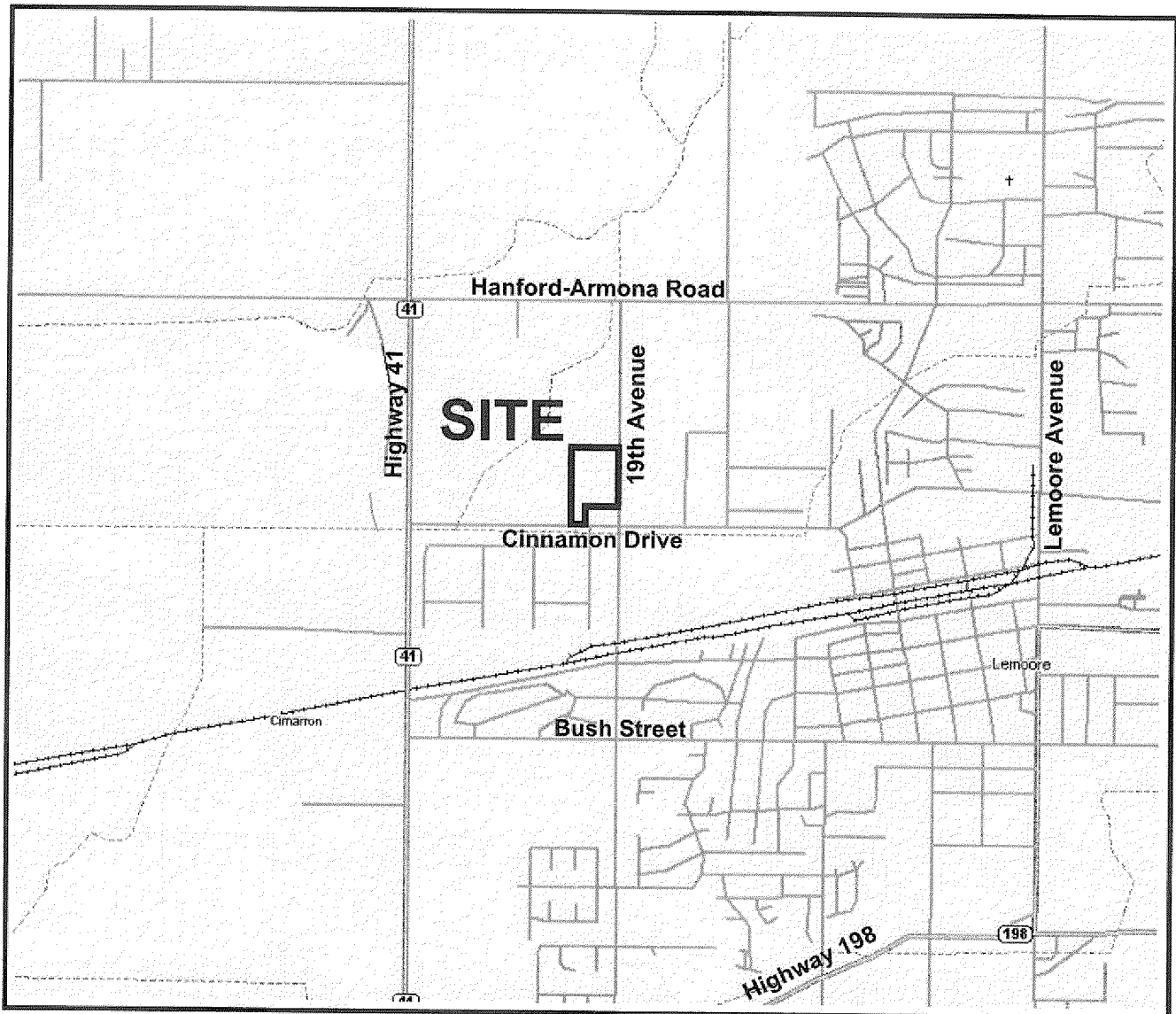
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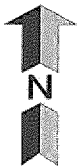
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FIGURES





MAP REFERENCE: 3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS Scale: 1:28125 Detail: 12-7 Datum: WGS84



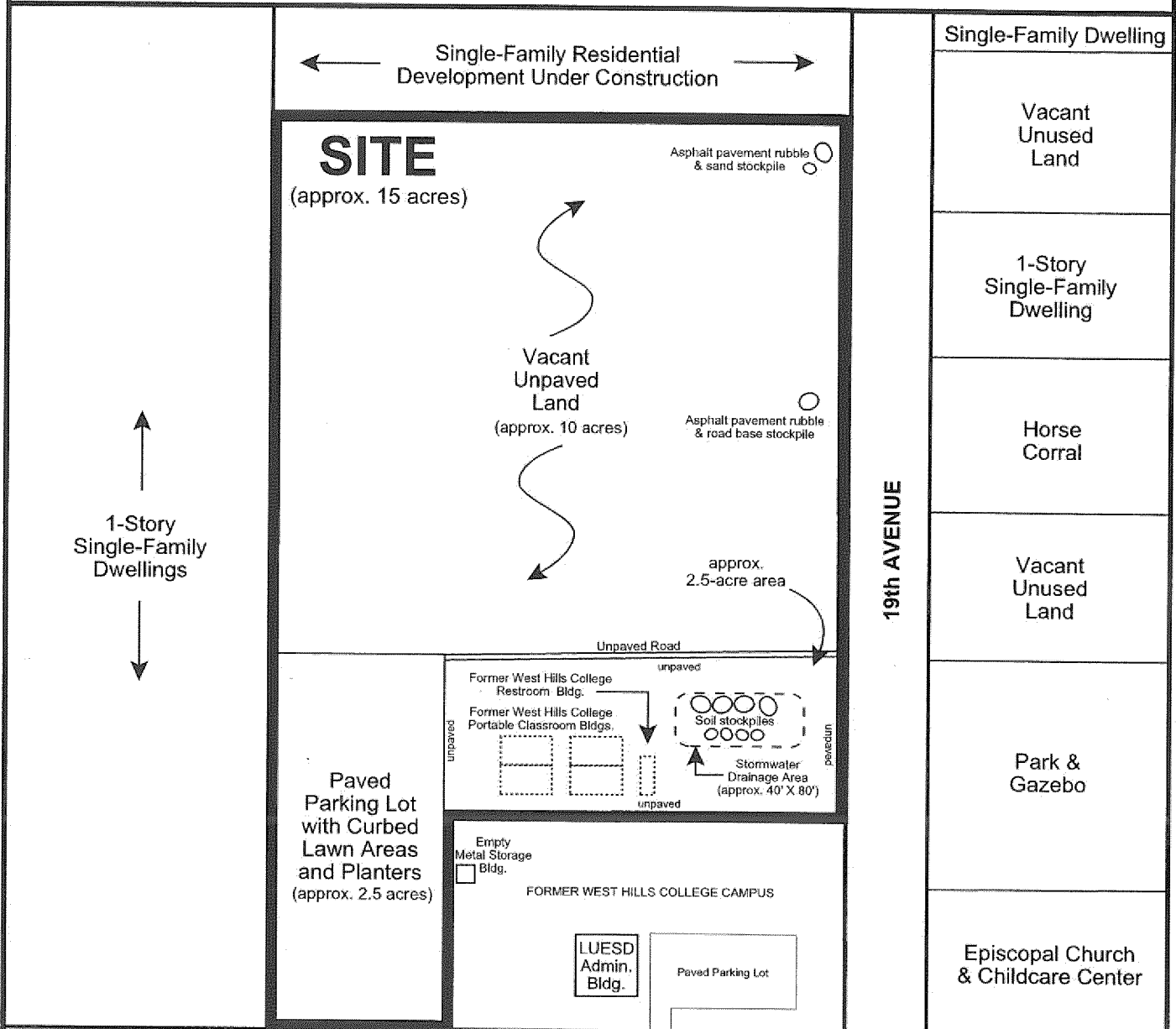
Approximate Scale
(miles)



SITE LOCATION MAP

PROPOSED SCHOOL SITE
NORTHWEST OF W. CINNAMON DRIVE
AND 19TH AVENUE
LEMOORE, CA

BSK



W. CINNAMON DRIVE

1-Story
Single-Family
Dwellings

1-Story
Single-Family
Dwelling

GENERALIZED SITE AND VICINITY PLAN

PROPOSED SCHOOL SITE
NORTHWEST OF W. CINNAMON DRIVE
AND 19TH AVENUE
LEMOORE, CA



NOT TO SCALE

BSK

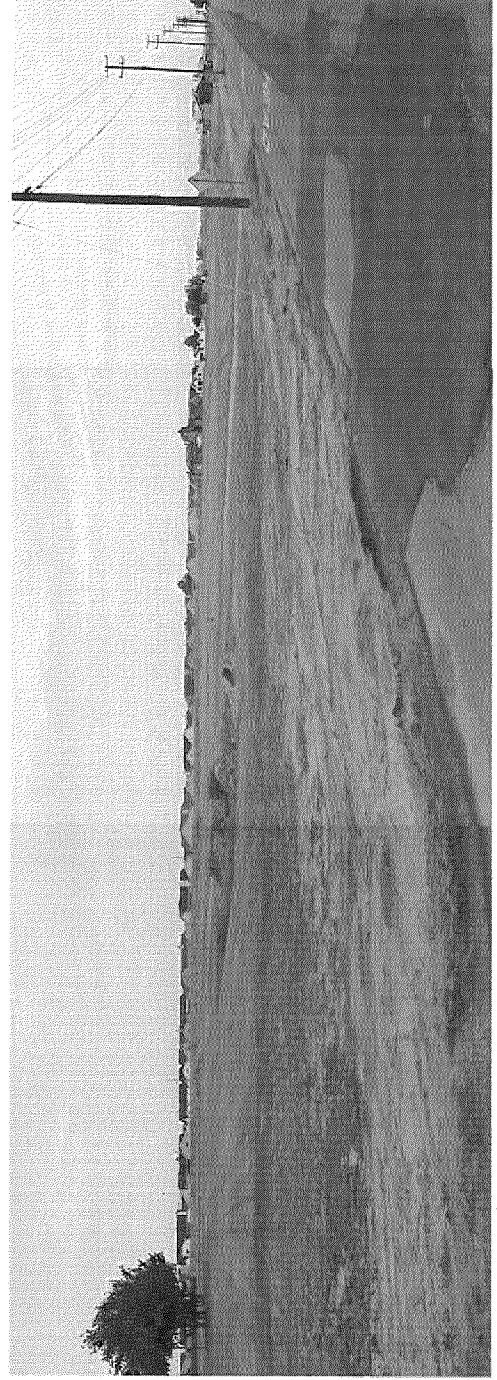
APPENDIX A

Site Photographs



Photograph 1: View north to east (left to right, respectively) generally shows the Site as viewed from Cinnamon Drive (foreground) near the southwest corner of the Site. Areas west (i.e., left) of the block wall at left are off Site. The off-Site administration office building for the Lemoore Union Elementary School District is near right-center (Figure 2). Structures and trees in the background are off Site.

Photograph 2: View west to north (left to right, respectively) generally shows the Site as viewed near the southeast corner of the Site. 19th Avenue is at right. The trees at left and structures/trees in the background are off Site. The on-Site stormwater drainage area and soil stockpiles indicated on Figure 2 are near left-center.





Photograph 3: View south to west (left to right, respectively) generally shows the Site as viewed near the northeast corner of the Site. 19th Avenue is at left. Trees and structures in the background are off Site.

Photograph 4: View east to south (left to right, respectively) generally shows the Site as viewed near the northwest corner of the Site. Trees and structures in the background are off Site.



APPENDIX B

EDR Environmental Record Search



The EDR Radius Map with GeoCheck®

**Prop. LUESD School Site
1200 W. Cinnamon Dr
Lemore, CA 93245**

Inquiry Number: 0968452.1s

April 29, 2003

The Source For Environmental Risk Management Data

**3530 Post Road
Southport, Connecticut 06890**

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 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

1200 W. CINNAMON DR
LEMORE, CA 93245

COORDINATES

Latitude (North): 36.307250 - 36° 18' 26.1"
Longitude (West): 119.800630 - 119° 48' 2.3"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 248532.4
UTM Y (Meters): 4021467.2

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2436119-C7 LEMOORE, CA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL National Priority List
Proposed NPL Proposed National Priority List Sites
CERCLIS Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP CERCLIS No Further Remedial Action Planned
CORRACTS Corrective Action Report
RCRIS-TSD Resource Conservation and Recovery Information System
RCRIS-LQG Resource Conservation and Recovery Information System
ERNS Emergency Response Notification System

STATE ASTM STANDARD

AWP Annual Workplan Sites

EXECUTIVE SUMMARY

Cal-Sites	Calsites Database
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF	Solid Waste Information System
WMUDS/SWAT	Waste Management Unit Database
CA BOND EXP. PLAN	Bond Expenditure Plan
UST	List of Underground Storage Tank Facilities
VCP	Voluntary Cleanup Program Properties
INDIAN UST	Underground Storage Tanks on Indian Land
CA FID UST	Facility Inventory Database

FEDERAL ASTM SUPPLEMENTAL

CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
Delisted NPL	National Priority List Deletions
HMIRS	Hazardous Materials Information Reporting System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
NPL Liens	Federal Superfund Liens
PADS	PCB Activity Database System
RAATS	RCRA Administrative Action Tracking System
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
SSTS	Section 7 Tracking Systems
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

CLEANERS	Cleaner Facilities
DEED	List of Deed Restrictions
NFA	No Further Action Determination
REF	Unconfirmed Properties Referred to Another Agency
SCH	School Property Evaluation Program
NFE	Properties Needing Further Evaluation
CA SLIC	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas	Former Manufactured Gas (Coal Gas) Sites
----------------	--

BROWNFIELDS DATABASES

VCP	Voluntary Cleanup Program Properties
-----------	--------------------------------------

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in *bold italics* are in multiple databases.

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

EXECUTIVE SUMMARY

FEDERAL ASTM STANDARD

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 09/09/2002 has revealed that there are 2 RCRIS-SQG sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ARTESIA READY MIX CONCRETE INC	1000 19TH AVE	1/8 - 1/4 SSE	A5	8
P G AND E LEMOORE SERVICE CENT	980 19TH AVE	1/8 - 1/4 SSE	A7	10

STATE ASTM STANDARD

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/2001 has revealed that there are 8 CHMIRS sites within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	490 F ST.	1/2 - 1 ESE	B11	14
Not reported	490 'F' STREET	1/2 - 1 ESE	B12	15
<i>Not reported</i>	<i>490 F STREET</i>	<i>1/2 - 1 ESE</i>	<i>B13</i>	<i>16</i>
Not reported	300 HANOVER	1/2 - 1 ENE	15	22
Not reported	BUSH / HWY 41	1/2 - 1 SW	18	25
Not reported	238 WEST D ST	1 - 2 ESE	25	33
Not reported	18TH / D	1 - 2 ESE	30	40
Not reported	1120 CHERRY LANE	1 - 2 SSE	32	42

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 15 Cortese sites within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ED NIXON	1135 BUSH	1/2 - 1 S	9	11
LEPRINO FOODS CO.	490 F ST.	1/2 - 1 ESE	B10	13
GOLDEN GATE PETROLEUM	1790 W BUSH ST	1/2 - 1 SSW	14	20
LEMOORE, CITY OF	G ST / FOX ST, SW CNR	1/2 - 1 ESE	C16	23
BEACON S/S 383	342 FOX ST	1/2 - 1 ESE	19	26
DERAND WAREHOUSE	400 E ST	1/2 - 1 ESE	20	27
DOWNTOWN AUTO SUPPLY	405 D ST W	1/2 - 1 ESE	22	29
LEMOORE UNION ELEMENTARY	573 BUSH ST W	1/2 - 1 SE	23	30
BOB WILLIAMS CHEV	203 E ST	1/2 - 1 ESE	24	31

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON SS #9-7590	110 D ST	1 - 2 ESE	D26	34
CONTINENTAL GRAIN	514 LEMOORE AVE N	1 - 2 E	27	35
K AND H LIQUOR	49 D ST	1 - 2 ESE	D28	37
LAMBERT, HOWARD	327 LEMOORE AVE N	1 - 2 ESE	E29	38
UNOCAL #6004	286 LEMOORE AVE N	1 - 2 ESE	E31	41
7-ELEVEN #16373	1110 LEMOORE N	1 - 2 ENE	33	43

NOTIFY 65: Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, has revealed that there are 2 Notify 65 sites within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CITY OF LEMOORE	G STREET	1/2 - 1 ESE	C17	24
LEMOORE UNION ELEMENTARY	573 W. BUSH STREET	1/2 - 1 SE	21	29

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 04/02/2003 has revealed that there are 3 LUST sites within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ED NIXON	1135 BUSH	1/2 - 1 S	9	11
LEPRINO FOODS CO.	490 F ST.	1/2 - 1 ESE	B10	13
GOLDEN GATE PETROLEUM	1790 W BUSH ST	1/2 - 1 SSW	14	20

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
C & S DISTRIBUTING CO	11780 19TH AVE	1/4 - 1/2 NNE	8	10

FEDERAL ASTM SUPPLEMENTAL

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

EXECUTIVE SUMMARY

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 01/14/2003 has revealed that there are 3 FINDS sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SK FOODS INC	1175 19TH AVENUE	1/8 - 1/4 SSE	A3	6
ARTESIA READY MIX CONCRETE INC	1000 19TH AVE	1/8 - 1/4 SSE	A5	8
P G AND E LEMOORE SERVICE CENT	980 19TH AVE	1/8 - 1/4 SSE	A7	10

STATE OR LOCAL ASTM SUPPLEMENTAL

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the AST list, as provided by EDR, and dated 03/18/2003 has revealed that there are 2 AST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LEMOORE SERVICE CENTER	11239 19TH AVE.	0 - 1/8 E	1	6
SK FOODS INC	1175 19TH AVENUE	1/8 - 1/4 SSE	A3	6

WDS: California Water Resources Control Board - Waste Discharge System.

A review of the CA WDS list, as provided by EDR, and dated 03/21/2003 has revealed that there is 1 CA WDS site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SK FOODS TOMATO PROCESSING FAC	1175 19TH AVE	1/8 - 1/4 SSE	A2	6

HAZNET: 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 from non-California manifests & continuation sheets are not included at the present time. 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, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, has revealed that there are 3 HAZNET sites within approximately 0.5 miles of the target property.

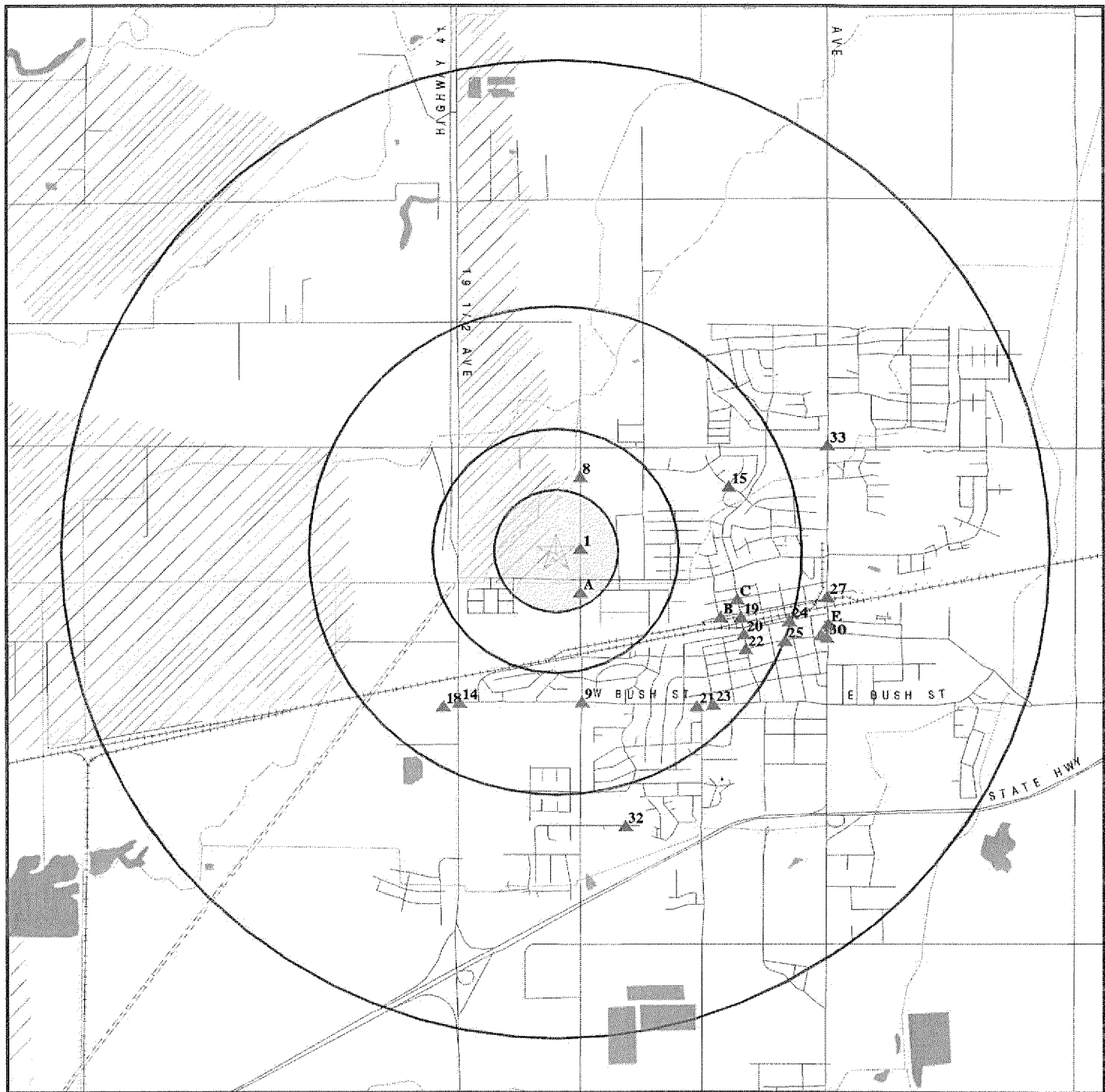
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SK FOODS	1175 19TH AVE	1/8 - 1/4 SSE	A4	7
ARTESIA READY MIX CONCRETE INC	1000 19TH AVE	1/8 - 1/4 SSE	A5	8
PG&E LEMOORE SVC CTR	980 19TH AVE	1/8 - 1/4 SSE	A6	9

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
SHAMROCK FARMING	LUST, Cortese
CITY OF LEMOORE, CORP YARD	LUST
FRANK D. ROCHA	HIST UST
BUY & SPLIT	HIST UST
1X CENTRAL UNION SCHOOL DISTRICT	HAZNET
FLORES PISTACHIO RANCH	HAZNET
RIO VISTA FARMS	HAZNET
CUSD/AKERS SCHOOL	HAZNET
CUSD/NEUTRA SCHOOL	HAZNET
NEUTRA SCHOOL	HAZNET
BOSTON RANCH COMPANY	HAZNET
KOIONIA MASTERS SCHOOL	FINDS

OVERVIEW MAP - 0968452.1s - BSK & Associates



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- National Priority List Sites
- Landfill Sites

- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Wetlands

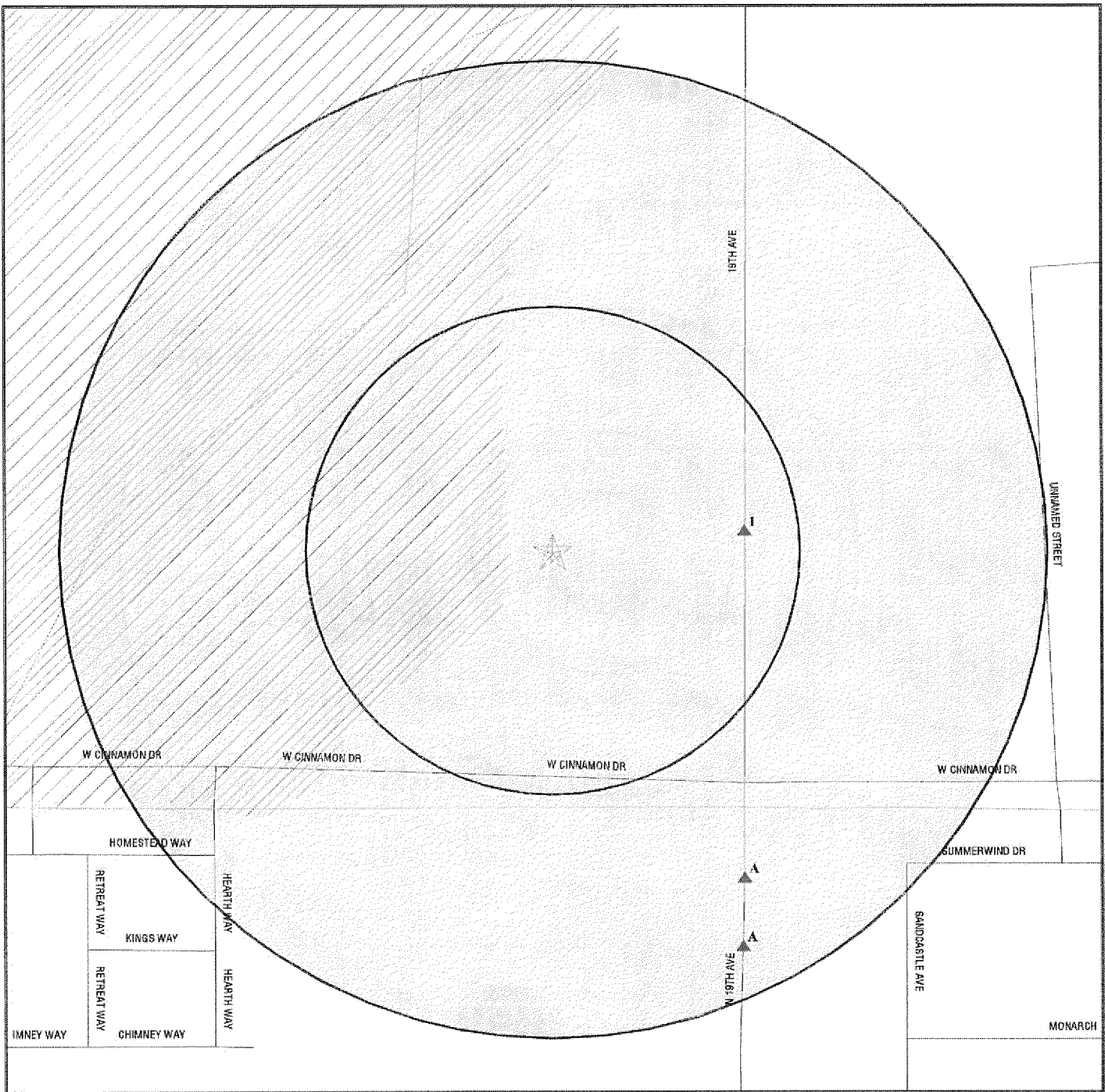
- Areas of Concern



TARGET PROPERTY: Prop. LUESD School Site
 ADDRESS: 1200 W. Cinnamon Dr
 CITY/STATE/ZIP: Lemoore CA 93245
 LAT/LONG: 36.3073 / 119.8006

CUSTOMER: BSK & Associates
 CONTACT: Russell D. Anthony
 INQUIRY #: 0968452.1s
 DATE: April 29, 2003 8:15 pm

DETAIL MAP - 0968452.1s - BSK & Associates



☆ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Coal Gasification Sites

■ Sensitive Receptors

■ National Priority List Sites

■ Landfill Sites

~ Power transmission lines

~ Oil & Gas pipelines

▨ 100-year flood zone

▨ 500-year flood zone

▨ Areas of Concern

0 1/16 1/8 1/4 Miles

TARGET PROPERTY: Prop. LUESD School Site
ADDRESS: 1200 W. Cinnamon Dr
CITY/STATE/ZIP: Lemoore CA 93245
LAT/LONG: 36.3073 / 119.8006

CUSTOMER: BSK & Associates
CONTACT: Russell D. Anthony
INQUIRY #: 0968452.1s
DATE: April 29, 2003 8:15 pm

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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
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.250	0	0	0	0	0	0
Proposed NPL		1.250	0	0	0	0	0	0
CERCLIS		0.750	0	0	0	0	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.250	0	0	0	0	0	0
RCRIS-TSD		0.750	0	0	0	0	NR	0
RCRIS Lg. Quan. Gen.		0.500	0	0	0	NR	NR	0
RCRIS Sm. Quan. Gen.		0.500	0	2	0	NR	NR	2
ERNS		0.250	0	0	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
AWP		1.250	0	0	0	0	0	0
Cal-Sites		1.250	0	0	0	0	0	0
CHMIRS		1.250	0	0	0	5	3	8
Cortese		1.250	0	0	0	9	6	15
Notify 65		1.250	0	0	0	2	0	2
Toxic Pits		1.250	0	0	0	0	0	0
State Landfill		0.750	0	0	0	0	NR	0
WMUDS/SWAT		0.750	0	0	0	0	NR	0
LUST		0.750	0	0	0	3	NR	3
CA Bond Exp. Plan		1.250	0	0	0	0	0	0
UST		0.500	0	0	0	NR	NR	0
VCP		0.750	0	0	0	0	NR	0
INDIAN UST		0.500	0	0	0	NR	NR	0
CA FID UST		0.500	0	0	0	NR	NR	0
HIST UST		0.500	0	0	1	NR	NR	1
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.250	0	0	0	0	0	0
ROD		1.250	0	0	0	0	0	0
Delisted NPL		1.250	0	0	0	0	0	0
FINDS		0.250	0	3	NR	NR	NR	3
HMIRS		0.250	0	0	NR	NR	NR	0
MLTS		0.250	0	0	NR	NR	NR	0
MINES		0.500	0	0	0	NR	NR	0
NPL Liens		0.250	0	0	NR	NR	NR	0
PADS		0.250	0	0	NR	NR	NR	0
RAATS		0.250	0	0	NR	NR	NR	0
TRIS		0.250	0	0	NR	NR	NR	0
TSCA		0.250	0	0	NR	NR	NR	0
SSTS		0.250	0	0	NR	NR	NR	0
FTTS		0.250	0	0	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
AST		0.250	1	1	NR	NR	NR	2

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
CLEANERS		0.500	0	0	0	NR	NR	0
CA WDS		0.250	0	1	NR	NR	NR	1
DEED		0.250	0	0	NR	NR	NR	0
NFA		0.250	0	0	NR	NR	NR	0
REF		0.250	0	0	NR	NR	NR	0
SCH		0.250	0	0	NR	NR	NR	0
NFE		0.250	0	0	NR	NR	NR	0
CA SLIC		0.750	0	0	0	0	NR	0
HAZNET		0.500	0	3	0	NR	NR	3

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas		1.250	0	0	0	0	0	0
----------	--	-------	---	---	---	---	---	---

BROWNFIELDS DATABASES

VCP		0.750	0	0	0	0	NR	0
-----	--	-------	---	---	---	---	----	---

NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

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

1
East
< 1/8
516 ft.
Higher

LEMOORE SERVICE CENTER
11239 19TH AVE.
LEMOORE, CA

AST A100108939
N/A

AST:
Owner: PG & E
Total Gallons: 0

A2
SSE
1/8-1/4
1022 ft.
Higher

SK FOODS TOMATO PROCESSING FAC
1175 19TH AVE
LEMOORE, CA 93245

CA WDS S103617317
N/A

Site 1 of 6 in cluster A

WDS:

Facility ID: Tulare Lake 161024001
Facility Contact: BOB METTLER, PLANT MANAGER Facility Telephone: Not reported
SIC Code: 2033 SIC Code 2: Not reported
Agency Name: SK FOODS INC & CITY OF LEMOORE
Agency Address: PO BOX 160
LEMOORE 93245
Agency Contact: BOB METTLER, PLANT MANAGER Agency Phone: 0
Design Flow: 0 Million Gal/Day Baseline Flow: 0 Million Gal/Day
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
Agency Type: Private
Waste Type: Process Waste (Waste produced as part of the industrial/manufacturing process) - Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Threat to Water: Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Aesthetic impairment would include nuisance from a waste treatment facility.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.
Reclamation: No reclamation requirements associated with this facility.
POTW: The facility is not a POTW.
NPDES Number: Not reported
Subregion: 0

A3
SSE
1/8-1/4
1022 ft.
Higher

SK FOODS INC
1175 19TH AVENUE
LEMOORE, CA 93245

FINDS 1005775388
AST 110010480586

Site 2 of 6 in cluster A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SK FOODS INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1005775388

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
National Emissions Trends (NET)

AST:

Owner: SK FOODS
Total Gallons: 19799

**A4
SSE
1/8-1/4
1022 ft.
Higher**

**SK FOODS
1175 19TH AVE
LEMOORE, CA 93245
Site 3 of 6 in cluster A**

**HAZNET S102003621
N/A**

HAZNET:

Gepaid: CAL000042541
Tepaid: CAT080013352
Gen County: Kings
Tsd County: Los Angeles
Tons: 4.2117
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: SALYER AMERICAN
Telephone: (000) 000-0000
Mailing Address: PO BOX 160
LEMOORE, CA 93245
County: Kings

Gepaid: CAL000042541
Tepaid: CAT080025711
Gen County: Kings
Tsd County: San Bernardino
Tons: 1.4719
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: SALYER AMERICAN
Telephone: (000) 000-0000
Mailing Address: PO BOX 160
LEMOORE, CA 93245
County: Kings

Gepaid: CAL000042541
Tepaid: CAD980673842
Gen County: Kings
Tsd County: Fresno
Tons: 1.9807
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: SALYER AMERICAN
Telephone: (000) 000-0000
Mailing Address: PO BOX 160
LEMOORE, CA 93245
County: Kings

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SK FOODS (Continued)

S102003621

Gepaid: CAL000042541
Tepaid: CAD028409019
Gen County: Kings
Tsd County: Los Angeles
Tons: .0125
Category: Other organic solids
Disposal Method: Transfer Station
Contact: SALYER AMERICAN
Telephone: (000) 000-0000
Mailing Address: PO BOX 160
LEMOORE, CA 93245
County: Kings
Gepaid: CAL000042541
Tepaid: CAD028409019
Gen County: Kings
Tsd County: Los Angeles
Tons: .0035
Category: Liquids with mercury > 20 mg/l
Disposal Method: Transfer Station
Contact: SALYER AMERICAN
Telephone: (000) 000-0000
Mailing Address: PO BOX 160
LEMOORE, CA 93245
County: Kings

The CA HAZNET database contains 3 additional records for this site.
Please contact your EDR Account Executive for more information.

A5
SSE
1/8-1/4
1185 ft.
Higher

ARTESIA READY MIX CONCRETE INC
1000 19TH AVE
LEMOORE, CA 93245

RCRIS-SQG 1000819097
FINDS CAD983650649
HAZNET

Site 4 of 6 in cluster A

RCRIS:
Owner: OLIVER FAMILY TRUST
(310) 404-4125
EPA ID: CAD983650649
Contact: AL OLIVER
(310) 404-4125
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
National Emissions Trends (NET)
Resource Conservation and Recovery Act Information system (RCRAINFO)

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ARTESIA READY MIX CONCRETE INC (Continued)

1000819097

HAZNET:

Gepaid: CAD983650649
Tepaid: CAD066113465
Gen County: Kings
Tsd County: Fresno
Tons: 0.66
Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: VERLA OLIVER/SAFETY MANAGER
Telephone: (559) 686-1596
Mailing Address: PO BOX 1436
 TULARE, CA 93275 - 1436
County Kings

A6
SSE
1/8-1/4
1199 ft.
Higher

PG&E LEMOORE SVC CTR
980 19TH AVE
LEMOORE, CA 93245

HAZNET S103677671
 N/A

Site 5 of 6 in cluster A

HAZNET:

Gepaid: CAD980886980
Tepaid: AZD983473539
Gen County: Kings
Tsd County: 99
Tons: 0.7675
Category: Off-specification, aged, or surplus organics
Disposal Method: Recycler
Contact: PG&E
Telephone: (415) 973-7000
Mailing Address: 650 O STREET
 FRESNO, CA 93760
County Kings

Gepaid: CAD980886980
Tepaid: CAD009452657
Gen County: Kings
Tsd County: San Mateo
Tons: 0.0575
Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: PG&E
Telephone: (415) 973-7000
Mailing Address: 650 O STREET
 FRESNO, CA 93760
County Kings

Gepaid: CAD980886980
Tepaid: CAD982446882
Gen County: Kings
Tsd County: Fresno
Tons: 0.1042
Category: Waste oil and mixed oil
Disposal Method: Transfer Station
Contact: PG&E
Telephone: (415) 973-7000
Mailing Address: 650 O STREET
 FRESNO, CA 93760
County Kings

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PG&E LEMOORE SVC CTR (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103677671

Gepaid: CAD980886980
Tepaid: CAL000126886
Gen County: Kings
Tsd County: 1
Tons: 0.0125
Category: Other inorganic solid waste
Disposal Method: Not reported
Contact: PG&E
Telephone: (415) 973-7000
Mailing Address: 650 O STREET
FRESNO, CA 93760
County Kings
Gepaid: CAD980886980
Tepaid: CAL000126886
Gen County: Kings
Tsd County: 1
Tons: 0.002
Category: Other inorganic solid waste
Disposal Method: Recycler
Contact: PG&E
Telephone: (415) 973-7000
Mailing Address: 650 O STREET
FRESNO, CA 93760
County Kings

The CA HAZNET database contains 88 additional records for this site.
Please contact your EDR Account Executive for more information.

A7
SSE
1/8-1/4
1199 ft.
Higher

P G AND E LEMOORE SERVICE CENTER
980 19TH AVE
LEMOORE, CA 93245

RCRIS-SQG 1000197371
FINDS CAD980886980

Site 6 of 6 in cluster A

RCRIS:
Owner: P G AND E CO
(415) 973-7095
EPA ID: CAD980886980
Contact: TOM BAKER
(209) 924-8105
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

8
NNE
1/4-1/2
1696 ft.
Higher

C & S DISTRIBUTING CO
11780 19TH AVE
LEMOORE, CA 93245

HIST UST U001581907
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

C & S DISTRIBUTING CO (Continued)

U001581907

UST HIST:

Facility ID:	21739	Container Num:	1
Tank Num:	1	Year Installed:	Not reported
Tank Capacity:	550	Tank Construction:	12 gauge
Tank Used for:	PRODUCT	Telephone:	(209) 924-5304
Type of Fuel:	UNLEADED	Region:	STATE
Leak Detection:	Stock Inventor	Other Type:	Not reported
Contact Name:	Not reported		
Total Tanks:	3		
Facility Type:	2		
Facility ID:	21739	Container Num:	2
Tank Num:	2	Year Installed:	Not reported
Tank Capacity:	4000	Tank Construction:	3/16" inches
Tank Used for:	PRODUCT	Telephone:	(209) 924-5304
Type of Fuel:	UNLEADED	Region:	STATE
Leak Detection:	Stock Inventor	Other Type:	Not reported
Contact Name:	Not reported		
Total Tanks:	3		
Facility Type:	2		
Facility ID:	21739	Container Num:	3
Tank Num:	3	Year Installed:	Not reported
Tank Capacity:	4000	Tank Construction:	3/16" inches
Tank Used for:	PRODUCT	Telephone:	(209) 924-5304
Type of Fuel:	DIESEL	Region:	STATE
Leak Detection:	Stock Inventor	Other Type:	Not reported
Contact Name:	Not reported		
Total Tanks:	3		
Facility Type:	2		

9
South
1/2-1
3307 ft.
Higher

ED NIXON
1135 BUSH
LEMOORE, CA 93245

HAZNET S104570173
LUST N/A
Cortese

State LUST:

Cross Street:	19TH AVE	Confirm Leak:	Not reported
Qty Leaked:	5T1600017	Prelim Assess:	4/7/1999
Case Number	Not reported	Remed Plan:	8/20/2002
Reg Board:	Not reported		
Chemical:	5R		
Lead Agency:	LUI		
Local Agency :	R		
Case Type:	Aquifer affected		
Status:	5F		
County:	60		
Review Date:	Not reported		
Workplan:	4/7/1999		
Pollution Char:	8/20/2002		
Remed Action:	Not reported		
Close Date:	Not reported		
Release Date:	8/24/2001		
Cleanup Fund Id :	A3		
Discover Date :	Not reported		
Enforcement Dt :	4/6/1999		
Enf Type:	SEL		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ED NIXON (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104570173

Enter Date : 8/24/2001
Funding: Responsible Party
Staff Initials: JDW
How Discovered: Tank Closure
How Stopped: Not reported
Interim : 1135 BUSH
Leak Cause: UNK
Leak Source: UNK
MTBE Date : 6/29/1999
Max MTBE GW : = Parts per Billion
MTBE Tested: 1
Priority: Not reported
Local Case # : N
Beneficial: Not reported
Staff : YES
GW Qualifier : 2/10/2000
Max MTBE Soil : 300000 Parts per Million
Soil Qualifier : =
Hydr Basin #: Not reported
Operator : OT
Oversight Prgm : Not reported
Review Date : 4/7/1999
Stop Date : Not reported
Work Suspended :14601
Responsible Party:Not reported
RP Address: ED NIXON
Global Id: T0603100168
Org Name: 16
Contact Person: 8006619
MTBE Conc: LUST
Mtb Fuel: 2
Water System Name: ED NIXON
Well Name: Not reported
Distance To Lust: Not reported
Waste Discharge Global ID: 0
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: GASOLINE
Case Type: Aquifer affected
Program: LUST
Staff Initials: JDW
Status: Remediation Plan
MTBE Code: 9
Lead Agency: Regional

Case Number: 5T16000176

HAZNET:

Gepaid: CAC002132905
Tepaid: CAD099452708
Gen County: Kings
Tsd County: Los Angeles
Tons: 2.5979
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: ED NIXON
Telephone: (000) 000-0000
Mailing Address: 1135 BUSH
LEMOORE, CA 93245

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ED NIXON (Continued)

S104570173

County Kings

CORTESE:

Reg Id: 5T16000176
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

B10 LEPRINO FOODS CO.
ESE 490 F ST.
1/2-1 LEMOORE, CA 93245
3819 ft.
Higher Site 1 of 4 in cluster B

LUST 1000711764
Cortese 91745LPRNF49
TRIS
AST

State LUST:

Cross Street: FOX
Qty Leaked: 5T1600004
Case Number Not reported
Reg Board: Not reported
Chemical: 9
Lead Agency: POM
Local Agency: R
Case Type: Aquifer affected
Status: 5F
County: Not reported
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: 1/1/1965
Cleanup Fund Id : 4
Discover Date : 5/4/2000
Enforcement Dt : 1/6/1988
Enf Type: None Taken
Enter Date : 5/4/2000
Funding: Not reported
Staff Initials: JWH
How Discovered: Nuisance Conditions
How Stopped: Not reported
Interim : 490 F ST,
Leak Cause: Corrosion
Leak Source: Piping
MTBE Date : 1/12/1988
Max MTBE GW : Not reported
MTBE Tested: 0
Priority: Not reported
Local Case # : N
Beneficial: Not reported
Staff : NRQ
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm : Not reported
Review Date : 1/6/1988
Stop Date : Not reported
Work Suspended Not reported
Responsible Party Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LEPRINO FOODS CO. (Continued)

EDR ID Number
EPA ID Number

1000711764

RP Address: LEPRINO FOODS
Global Id: T0603100048
Org Name: 16
Contact Person: 12034
MTBE Conc: UST
Mtbe Fuel: 0
Water System Name: BECKER, STEVE
Well Name: Not reported
Distance To Lust: Not reported
Waste Discharge Global ID: 0
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: DIESEL
Case Type: Aquifer affected
Program: Regional Board
Staff Initials: JWH
Status: Case Closed
MTBE Code: N/A
Lead Agency: Regional

Case Number: 5T16000048

CORTESE:

Reg Id: 5T16000048
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

AST:

Owner: LEPRINO FOODS
Total Gallons: 12850

B11
ESE
1/2-1
3819 ft.
Higher

490 F ST.
LEMOORE, CA 0

CHMIRS S105672402
N/A

Site 2 of 4 in cluster B

CHMIRS:

OES Control Number: 01-4909 DOT ID: Not reported
DOT Hazard Class: Not Reported
Chemical Name: Ammonia, Anhydrous
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 100
Environmental Contamination: None Reported Property Use: Not reported
Incident Date: Not reported Date Completed: 8/28/01
Time Completed : Not reported
Physical State Stored : Not reported
Physical State Released : Not reported
Release Unit : Not reported
Container Description : Not reported
Container Type : Not reported
Container Material : Not reported
Level Of Container : Not reported
Container Capacity : Not reported
Container Capacity Units (code) : Not reported
Extent Of Release (code) : Not reported
Agency Id Number : Not reported
Agency Incident Number : Not reported
OES Incident Number : 01-4909
Time Notified : Not reported
Surrounding Area : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

(Continued)

S105672402

Estimated Temperature :	Not reported
Property Management :	Not reported
More Than Two Substances Involved? :	Not reported
Special Studies 1 :	Not reported
Special Studies 2 :	Not reported
Special Studies 3 :	Not reported
Special Studies 4 :	Not reported
Special Studies 5 :	Not reported
Special Studies 6 :	Not reported
Responding Agency Personnel # Of Injuries :	0
Responding Agency Personnel # Of Fatalities :	0
Resp Agency Personnel # Of Decontaminated :	Not reported
Others Number Of Decontaminated :	Not reported
Others Number Of Injuries :	Not reported
Others Number Of Fatalities :	Not reported
Vehicle Make/year :	Not reported
Vehicle License Number :	Not reported
Vehicle State :	Not reported
Vehicle Id Number :	Not reported
CA/DOT/PUC/ICC Number :	Not reported
Company Name :	Not reported
Reporting Officer Name/ID :	Not reported
Report Date :	Not reported
Comments :	Not reported
Facility Telephone Number :	Not reported
Waterway Involved :	Not reported
Waterway :	Not reported
Spill Site :	Industrial Plant
Cleanup By :	Unknown
Containment :	Yes
What Happened :	Per the NRC report, caller states a pressure relief valve.
Date/Time :	8/28/01 1615
Evacuations :	0
Type :	VAPOR
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported

B12
ESE
1/2-1
3819 ft.
Higher

490 'F' STREET
LEMOORE, CA 93245
Site 3 of 4 in cluster B

CHMIRS S100216839
N/A

CHMIRS:

OES Control Number:	8904812	DOT ID:	1005
DOT Hazard Class:	Not Reported		
Chemical Name:	AMMONIA, ANHYDROUS		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	150
Environmental Contamination:	Air	Property Use:	099
Incident Date:	08-FEB-89	Date Completed:	08-FEB-89
Time Completed :			1716
Physical State Stored :			Liquid
Physical State Released :			Gas
Release Unit :			Lbs.
Container Description :			1
Container Type :			Drum

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

(Continued)

S100216839

Container Material : Aluminum and Aluminium alloys
Level Of Container : 10
Container Capacity : 17000
Container Capacity Units (code) : Lbs.
Extent Of Release (code) : 7
Agency Id Number : 16606
Agency Incident Number : 89-0691
OES Incident Number : 8904812
Time Notified : 1525
Surrounding Area : 400
Estimated Temperature : 50
Property Management : P
More Than Two Substances Involved? : Not reported
Special Studies 1 : Not reported
Special Studies 2 : Not reported
Special Studies 3 : Not reported
Special Studies 4 : Not reported
Special Studies 5 : Not reported
Special Studies 6 : Not reported
Responding Agency Personnel # Of Injuries : 0
Responding Agency Personnel # Of Fatalities : 0
Resp Agency Personnel # Of Decontaminated : 0
Others Number Of Decontaminated : 0
Others Number Of Injuries : 0
Others Number Of Fatalities : 0
Vehicle Make/year : Not reported
Vehicle License Number : Not reported
Vehicle State : Not reported
Vehicle Id Number : Not reported
CA/DOT/PUC/ICC Number : Not reported
Company Name : Not reported
Reporting Officer Name/ID : J. HUGHES P.O. 3.
Report Date : 08-FEB-89
Comments : Not reported
Facility Telephone Number : 209 924-9574
Waterway Involved : Not reported
Waterway : Not reported
Spill Site : Not reported
Cleanup By : Not reported
Containment : Not reported
What Happened : Not reported
Date/Time : Not reported
Evacuations : Not reported
Type : Not reported
Other : Not reported
Chemical 1 : Not Reported
Chemical 2 : Not Reported
Chemical 3 : Not Reported

B13
ESE 490 F STREET
1/2-1 LEMOORE, CA 93245
3819 ft.
Higher Site 4 of 4 in cluster B

HAZNET S100276008
CHMIRS N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

(Continued)

S100276008

HAZNET:

Gepaid: CAL000045339
Tepaid: CAD093459485
Gen County: Kings
Tsd County: Fresno
Tons: 0.42
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Contact: CHUCK WILLIAMS/PLANT ENGINEER
Telephone: (559) 924-7722
Mailing Address: 490 F ST
LEMOORE, CA 93245 - 2661
County: Kings

CHMIRS:

OES Control Number: 9012878 DOT ID: 1005
DOT Hazard Class: Oxidizers and organic pesticides
Chemical Name: NINHYDRIN AMMONIA
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 3
Environmental Contamination: Air Property Use: Manufacturing
Incident Date: 11-SEP-90 Date Completed: 11-SEP-90
Time Completed : 1957
Physical State Stored : Liquid
Physical State Released : Gas
Release Unit : Lbs.
Container Description : 1
Container Type : 10
Container Material : Aluminum and Aluminium alloys
Level Of Container : 10
Container Capacity : 51
Container Capacity Units (code) : Lbs.
Extent Of Release (code) : 7
Agency Id Number : 16606
Agency Incident Number : 902495
OES Incident Number : 9012878
Time Notified : 1907
Surrounding Area : 400
Estimated Temperature : 92
Property Management : P
More Than Two Substances Involved? : Not reported
Special Studies 1 : Not reported
Special Studies 2 : Not reported
Special Studies 3 : Not reported
Special Studies 4 : Not reported
Special Studies 5 : Not reported
Special Studies 6 : Not reported
Responding Agency Personnel # Of Injuries : 0
Responding Agency Personnel # Of Fatalities : 0
Resp Agency Personnel # Of Decontaminated : 0
Others Number Of Decontaminated : 0
Others Number Of Injuries : 0
Others Number Of Fatalities : 0
Vehicle Make/year : Not reported
Vehicle License Number : Not reported
Vehicle State : Not reported
Vehicle Id Number : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

(Continued)

S100276008

CA/DOT/PUC/ICC Number :	Not reported		
Company Name :	Not reported		
Reporting Officer Name/ID :	JAMES CHANEY 336		
Report Date :	11-SEP-90		
Comments :	No		
Facility Telephone Number :	209 924-9574		
Waterway Involved :	Not reported		
Waterway :	Not reported		
Spill Site :	Not reported		
Cleanup By :	Not reported		
Containment :	Not reported		
What Happened :	Not reported		
Date/Time :	Not reported		
Evacuations :	Not reported		
Type :	Not reported		
Other :	Not reported		
Chemical 1 :	Not Reported		
Chemical 2 :	Not Reported		
Chemical 3 :	Not Reported		
OES Control Number:	3739	DOT ID:	Not reported
DOT Hazard Class:	Not Reported		
Chemical Name:	amonia		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	40 gallons
Environmental Contamination:	None Reported	Property Use:	Not reported
Incident Date:	Not reported	Date Completed:	Not reported
Time Completed :	Not reported		
Physical State Stored :	Not reported		
Physical State Released :	Not reported		
Release Unit :	Not reported		
Container Description :	Not reported		
Container Type :	Not reported		
Container Material :	Not reported		
Level Of Container :	Not reported		
Container Capacity :	Not reported		
Container Capacity Units (code) :	Not reported		
Extent Of Release (code) :	Not reported		
Agency Id Number :	Not reported		
Agency Incident Number :	Not reported		
OES Incident Number :	3739		
Time Notified :	Not reported		
Surrounding Area :	Not reported		
Estimated Temperature :	Not reported		
Property Management :	Not reported		
More Than Two Substances Involved? :	Not reported		
Special Studies 1 :	Not reported		
Special Studies 2 :	Not reported		
Special Studies 3 :	Not reported		
Special Studies 4 :	Not reported		
Special Studies 5 :	Not reported		
Special Studies 6 :	Not reported		
Responding Agency Personnel # Of Injuries :	NO		
Responding Agency Personnel # Of Fatalities :	NO		
Resp Agency Personnel # Of Decontaminated :	Not reported		
Others Number Of Decontaminated :	Not reported		
Others Number Of Injuries :	Not reported		
Others Number Of Fatalities :	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S100276008

Vehicle Make/year :	Not reported		
Vehicle License Number :	Not reported		
Vehicle State :	Not reported		
Vehicle Id Number :	Not reported		
CA/DOT/PUC/ICC Number :	Not reported		
Company Name :	Not reported		
Reporting Officer Name/ID :	Not reported		
Report Date :	Not reported		
Comments :	Not reported		
Facility Telephone Number :	Not reported		
Waterway Involved :	NO		
Waterway :	Not reported		
Spill Site :	OTHER		
Cleanup By :	leprino		
Containment :	NO		
What Happened :	compressor joint failed releasing amonia. traffic stopp		
Date/Time :	8/20/94 1858		
Evacuations :	NO		
Type :	VAPOR		
Other :	Not reported		
Chemical 1 :	Not Reported		
Chemical 2 :	Not Reported		
Chemical 3 :	Not Reported		
OES Control Number:	16488	DOT ID:	Not reported
DOT Hazard Class:	Not Reported		
Chemical Name:	anhydrous ammonia		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	20 lbs
Environmental Contamination:	None Reported	Property Use:	Not reported
Incident Date:	Not reported	Date Completed:	Not reported
Time Completed :	Not reported		
Physical State Stored :	Not reported		
Physical State Released :	Not reported		
Release Unit :	Not reported		
Container Description :	Not reported		
Container Type :	Not reported		
Container Material :	Not reported		
Level Of Container :	Not reported		
Container Capacity :	Not reported		
Container Capacity Units (code) :	Not reported		
Extent Of Release (code) :	Not reported		
Agency Id Number :	Not reported		
Agency Incident Number :	Not reported		
OES Incident Number :	16488		
Time Notified :	Not reported		
Surrounding Area :	Not reported		
Estimated Temperature :	Not reported		
Property Management :	Not reported		
More Than Two Substances Involved? :	Not reported		
Special Studies 1 :	Not reported		
Special Studies 2 :	Not reported		
Special Studies 3 :	Not reported		
Special Studies 4 :	Not reported		
Special Studies 5 :	Not reported		
Special Studies 6 :	Not reported		
Responding Agency Personel # Of Injuries :	NO		
Responding Agency Personel # Of Fatalities :	NO		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S100276008

Resp Agency Personnel # Of Decontaminated : Not reported
Others Number Of Decontaminated : Not reported
Others Number Of Injuries : Not reported
Others Number Of Fatalities : Not reported
Vehicle Make/year : Not reported
Vehicle License Number : Not reported
Vehicle State : Not reported
Vehicle Id Number : Not reported
CA/DOT/PUC/ICC Number : Not reported
Company Name : Not reported
Reporting Officer Name/ID : Not reported
Report Date : Not reported
Comments : Not reported
Facility Telephone Number : Not reported
Waterway Involved : YES
Waterway : Not reported
Spill Site : OTHER
Cleanup By : rel to the air
Containment : NO
What Happened : mechanical failure on air conditioning refer unit. the
pop up valve had malfunctioned. immediate personnel asked
to leave the building. all returned shortly thereafter.
Date/Time : 1758 11Nov96
Evacuations : NO
Type : CHEMICAL
Other : Not reported
Chemical 1 : Not Reported
Chemical 2 : Not Reported
Chemical 3 : Not Reported

14
SSW
1/2-1
3867 ft.
Higher

GOLDEN GATE PETROLEUM
1790 W BUSH ST
LEMOORE, CA 93245

HAZNET S103636791
LUST N/A
Cortese

State LUST:

Cross Street: HWY 41
Qty Leaked: 5T1600003
Case Number: Not reported
Reg Board: Not reported
Chemical: 9
Lead Agency: DAV
Local Agency: R
Case Type: Aquifer affected
Status: 5F
County: Not reported
Review Date: 11/24/1987
Workplan: Not reported
Pollution Char: 6/1/1994
Remed Action: Not reported
Close Date: Not reported
Release Date: 1/1/1965
Cleanup Fund Id: 4
Discover Date: 9/30/1998
Enforcement Dt: 11/10/1987
Enf Type: None Taken
Enter Date: 9/30/1998
Funding: Not reported
Confirm Leak: 11/24/1987
Prelim Assess: Not reported
Remed Plan: 6/1/1994

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GOLDEN GATE PETROLEUM (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103636791

Staff Initials: JWH
How Discovered: Tank Closure
How Stopped: Not reported
Interim : 1790 W BUS
Leak Cause: Overfill
Leak Source: UNK
MTBE Date : 12/18/1987
Max MTBE GW : Not reported
MTBE Tested: 1
Priority: Not reported
Local Case # : N
Beneficial: Not reported
Staff : YES
GW Qualifier : 7/3/1998
Max MTBE Soil : 5 Parts per Million
Soil Qualifier : <
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm : Not reported
Review Date : 11/12/1987
Stop Date : 11/10/1987
Work Suspended : Not reported
Responsible Party: Not reported
RP Address: SILVA, JOE
Global Id: T0603100038
Org Name: 16
Contact Person: 8006619
MTBE Conc: UST
Mtbe Fuel: 1
Water System Name: SILVA, JOE
Well Name: Not reported
Distance To Lust: Not reported
Waste Discharge Global ID: 0
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: GASOLINE
Case Type: Aquifer affected
Program: Regional Board
Staff Initials: JWH
Status: Case Closed
MTBE Code: 1
Lead Agency: Regional

Case Number: 5T16000037

HAZNET:

Gepaid: CAC002114848
Tepaid: CAD099452708
Gen County: Kings
Tsd County: Los Angeles
Tons: 0.6213
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: GOLDEN GATE PETROLEUM
Telephone: (925) 603-8670
Mailing Address: 1001 GALAXY WY STE 308
CONCORD, CA 94520
County: Kings

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GOLDEN GATE PETROLEUM (Continued)

S103636791

Gepaid: CAC001268456
Tepaid: CAD099452708
Gen County: Kings
Tsd County: Los Angeles
Tons: .4170
Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: GOLDEN GATE PETROLEUM
Telephone: (510) 603-8670
Mailing Address: 1001 GALAXY STE 308
CONCORD, CA 94520
County: Kings

CORTESE:

Reg Id: 5T16000037
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

**15
ENE
1/2-1
3983 ft.
Higher**

**300 HANOVER
LEMOORE, CA 0**

**CHMIRS S105648876
N/A**

CHMIRS:

OES Control Number:	97-4122	DOT ID:	Not reported
DOT Hazard Class:	Not Reported		
Chemical Name:	Natural Gas		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	3464
Environmental Contamination:	None Reported	Property Use:	Not reported
Incident Date:	Not reported	Date Completed:	10/16/97
Time Completed :	Not reported		
Physical State Stored :	Not reported		
Physical State Released :	Not reported		
Release Unit :	Not reported		
Container Description :	Not reported		
Container Type :	Not reported		
Container Material :	Not reported		
Level Of Container :	Not reported		
Container Capacity :	Not reported		
Container Capacity Units (code) :	Not reported		
Extent Of Release (code) :	Not reported		
Agency Id Number :	Not reported		
Agency Incident Number :	Not reported		
OES Incident Number :	97-4122		
Time Notified :	Not reported		
Surrounding Area :	Not reported		
Estimated Temperature :	Not reported		
Property Management :	Not reported		
More Than Two Substances Involved? :	Not reported		
Special Studies 1 :	Not reported		
Special Studies 2 :	Not reported		
Special Studies 3 :	Not reported		
Special Studies 4 :	Not reported		
Special Studies 5 :	Not reported		
Special Studies 6 :	Not reported		
Responding Agency Personnel # Of Injuries :	0		
Responding Agency Personnel # Of Fatalities :	0		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105648876

Resp Agency Personel # Of Decontaminated : Not reported
Others Number Of Decontaminated : Not reported
Others Number Of Injuries : Not reported
Others Number Of Fatalities : Not reported
Vehicle Make/year : Not reported
Vehicle License Number : Not reported
Vehicle State : Not reported
Vehicle Id Number : Not reported
CA/DOT/PUC/ICC Number : Not reported
Company Name : Not reported
Reporting Officer Name/ID : Not reported
Report Date : Not reported
Comments : Not reported
Facility Telephone Number : Not reported
Waterway Involved : No
Waterway : Not reported
Spill Site : Road
Cleanup By : Unknown
Containment : Yes
What Happened : Backhoe cut natural gas line. Jr. high school evacuated.
All cleanup and repair has been completed, all those
evacuated have returned to their places.
Date/Time : 10/16/97 834
Evacuations : 800
Type : PETROLEUM
Other : Not reported
Chemical 1 : Not Reported
Chemical 2 : Not Reported
Chemical 3 : Not Reported

C16 LEMOORE, CITY OF
ESE G ST / FOX ST, SW CNR OF
1/2-1 LEMOORE, CA 93246
4034 ft.
Higher Site 1 of 2 in cluster C

LUST S105024438
Cortese N/A

State LUST:

Cross Street: Not reported
Qty Leaked: 5T1600009
Case Number: Not reported
Reg Board: Not reported
Chemical: 9
Lead Agency: LOR
Local Agency: R
Case Type: Aquifer affected
Status: 5F
County: 4
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: 1/1/1965
Cleanup Fund Id: 4
Discover Date: 12/14/2000
Enforcement Dt: 12/7/1989
Enf Type: None Taken
Enter Date: 5/22/2000
Funding: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LEMOORE, CITY OF (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105024438

Staff Initials: JDW
How Discovered: Subsurface Monitoring
How Stopped: Not reported
Interim : 119 FOX ST
Leak Cause: UNK
Leak Source: UNK
MTBE Date : 12/22/1989
Max MTBE GW : < Parts per Billion
MTBE Tested: 1
Priority: Not reported
Local Case # : N
Beneficial: Not reported
Staff : YES
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm : Not reported
Review Date : 7/8/2000
Stop Date : 1/1/1976
Work Suspended Not reported
Responsible Party Not reported
RP Address: CITY OF LEMOORE
Global Id: T0603100097
Org Name: 16
Contact Person: 8006619
MTBE Conc: UST
Mtbe Fuel: 1
Water System Name: DAVE WALSCHIN
Well Name: Not reported
Distance To Lust: Not reported
Waste Discharge Global ID: 0
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: GASOLINE
Case Type: Aquifer affected
Program: Regional Board
Staff Initials: JDW
Status: Case Closed
MTBE Code: N/A
Lead Agency: Regional

Case Number: 5T16000098

CORTESE:

Reg Id: 5T16000098
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

C17
ESE
1/2-1
4034 ft.
Higher
CITY OF LEMOORE
G STREET
LEMOORE, CA 91309
Site 2 of 2 in cluster C

Notify 65 S100179460
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CITY OF LEMOORE (Continued)

S100179460

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: 91309

18
SW
1/2-1
4129 ft.
Higher

BUSH / HWY 41
LEMOORE, CA 93245

CHMIRS S100222773
N/A

CHMIRS:

OES Control Number: 9991679 DOT ID: Not reported
DOT Hazard Class: Not Reported
Chemical Name: PENTACHLORONITROBENZENE
Extent of Release: Not reported
CAS Number: 82-68-8 Quantity Released: 200
Environmental Contamination: Ground Property Use: Freeway
Incident Date: 10-NOV-88 Date Completed: 10-NOV-88
Time Completed : 1600
Physical State Stored : Solid
Physical State Released : Solid
Release Unit : Lbs.
Container Description : 2
Container Type : 07
Container Material : Wood Paper, Textile and Cellulose products
Level Of Container : 10
Container Capacity : 50
Container Capacity Units (code): Lbs.
Extent Of Release (code) : 9
Agency Id Number : 16606
Agency Incident Number : 886170
OES Incident Number : 9991679
Time Notified : 1151
Surrounding Area : 500
Estimated Temperature : 70
Property Management : S
More Than Two Substances Involved? : Not reported
Special Studies 1 : Not reported
Special Studies 2 : Not reported
Special Studies 3 : Not reported
Special Studies 4 : Not reported
Special Studies 5 : Not reported
Special Studies 6 : Not reported
Responding Agency Personnel # Of Injuries : Not reported
Responding Agency Personnel # Of Fatalities : Not reported
Resp Agency Personnel # Of Decontaminated : Not reported
Others Number Of Decontaminated : Not reported
Others Number Of Injuries : Not reported
Others Number Of Fatalities : Not reported
Vehicle Make/year : Not reported
Vehicle License Number : Not reported
Vehicle State : CA
Vehicle Id Number : Not reported
CA/DOT/PUC/ICC Number : Not reported
Company Name : EDDIE BURSEE TRUCKING

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S100222773

Reporting Officer Name/ID : KIMBERLY G. MORRELL 011
Report Date : 30-NOV-88
Comments : Yes
Facility Telephone Number : 209 924-9574
Waterway Involved : Not reported
Waterway : Not reported
Spill Site : Not reported
Cleanup By : Not reported
Containment : Not reported
What Happened : Not reported
Date/Time : Not reported
Evacuations : Not reported
Type : Not reported
Other : Not reported
Chemical 1 : Not Reported
Chemical 2 : Not Reported
Chemical 3 : Not Reported

19
ESE
1/2-1
4226 ft.
Higher

BEACON S/S 383
342 FOX ST
LEMOORE, CA 93245

LUST S104161211
Cortese N/A

State LUST:

Cross Street: Not reported
Qty Leaked: 5T1600008
Case Number: Not reported
Reg Board: Not reported
Chemical: 9
Lead Agency: POM
Local Agency: R
Case Type: Aquifer affected
Status: 5F
County: Not reported
Review Date: 12/19/1988
Workplan: 3/9/1989
Pollution Char: 3/21/1989
Remed Action: 3/31/1989
Close Date: 9/28/1989
Release Date: 1/1/1965
Cleanup Fund Id: 4
Discover Date: 10/28/1996
Enforcement Dt: 12/16/1988
Enf Type: None Taken
Enter Date: 10/28/1996
Funding: Not reported
Staff Initials: JWH
How Discovered: Tank Closure
How Stopped: Not reported
Interim: 525 W. 3RD
Leak Cause: Overfill
Leak Source: Tank
MTBE Date: 12/11/1988
Max MTBE GW: Not reported
MTBE Tested: 1
Priority: Not reported
Local Case #: N
Beneficial: Not reported

Confirm Leak: 12/19/1988
Prelim Assess: 3/9/1989
Remed Plan: 3/21/1989

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BEACON S/S 383 (Continued)

S104161211

Staff : NT
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : Not reported
Operator : ED
Oversight Prgm : Not reported
Review Date : 12/20/1988
Stop Date : 12/4/1988
Work Suspended : Not reported
Responsible Party : Not reported
RP Address : ULTRAMAR INC.
Global Id : T0603100079
Org Name : 16
Contact Person : 8006619
MTBE Conc : UST
Mtbe Fuel : 0
Water System Name : Not reported
Well Name : Not reported
Distance To LUST : Not reported
Waste Discharge Global ID : 0
Waste Disch Assigned Name : Not reported

LUST Region 5:

Substance : GASOLINE
Case Type : Aquifer affected
Program : Regional Board
Staff Initials : JWH
Status : Case Closed
MTBE Code : N/A
Lead Agency : Regional

Case Number : 5T16000080

CORTESE:

Reg Id : 5T16000080
Region : CORTESE
Reg By : Leaking Underground Storage Tanks

20
ESE
1/2-1
4427 ft.
Higher

DERAND WAREHOUSE
400 E ST
LEMOORE, CA 93245

LUST S102531778
Cortese N/A
LOS ANGELES CO. HMS

State LUST:

Cross Street : FOX
Qty Leaked : 5T1600012
Case Number : Not reported
Reg Board : Not reported
Chemical : 9
Lead Agency : LOR
Local Agency : R
Case Type : Aquifer affected
Status : 5F
County : Not reported
Review Date : Not reported
Workplan : Not reported
Pollution Char : Not reported
Remed Action : Not reported
Close Date : Not reported
Release Date : 1/1/1965

Confirm Leak : Not reported
Prelim Assess : Not reported
Remed Plan : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

DERAND WAREHOUSE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102531778

Cleanup Fund Id : 4
Discover Date : 3/20/1998
Enforcement Dt : 10/14/1991
Enf Type: None Taken
Enter Date : 3/20/1998
Funding: Responsible Party
Staff Initials: JWH
How Discovered: Tank Closure
How Stopped: Not reported
Interim : 400 E ST,
Leak Cause: UNK
Leak Source: UNK
MTBE Date : 11/18/1991
Max MTBE GW : Not reported
MTBE Tested: 1
Priority: Not reported
Local Case # : N
Beneficial: Not reported
Staff : YES
GW Qualifier : 5/21/1997
Max MTBE Soil : 5 Parts per Million
Soil Qualifier : <
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm : Not reported
Review Date : 11/5/1991
Stop Date : 10/14/1991
Work Suspended: Not reported
Responsible Party: Not reported
RP Address: DERAND WAREHOUSE
Global Id: T0603100121
Org Name: 16
Contact Person: 8006619
MTBE Conc: UST
Mtb Fuel: 1
Water System Name: BILL DERAND
Well Name: Not reported
Distance To Lust: Not reported
Waste Discharge Global ID: 0
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: GASOLINE
Case Type: Aquifer affected
Program: Regional Board
Staff Initials: JWH
Status: Case Closed
MTBE Code: 1
Lead Agency: Regional

Case Number: 5T16000124

CORTESE:

Reg Id: 5T16000124
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

HMS:

Facility Id: 017594-024049
Permit Number: Not reported
Facility Status: OPEN

Permit Status: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

DERAND WAREHOUSE (Continued)

Region: Los Angeles County:

EDR ID Number
EPA ID Number

Database(s)

S102531778

21
SE
1/2-1
4517 ft.
Higher

LEMOORE UNION ELEMENTARY
573 W. BUSH STREET
LEMOORE, CA 91309

Notify 65 S100178443
N/A

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: 91309

22
ESE
1/2-1
4604 ft.
Higher

DOWNTOWN AUTO SUPPLY
405 D ST W
LEMOORE, CA 93245

LUST S104404443
Cortese N/A

State LUST:

Cross Street: FOX ST
Qty Leaked: 5T1600017
Case Number: Not reported
Reg Board: Not reported
Chemical: 3A
Lead Agency: JEF
Local Agency: R
Case Type: Aquifer affected
Status: 5F
County: Not reported
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: 1/1/1965
Cleanup Fund Id: 1
Discover Date: Not reported
Enforcement Dt: 11/4/1998
Enf Type: None Taken
Enter Date: 7/30/2001
Funding: Responsible Party
Staff Initials: JDW
How Discovered: Tank Closure
How Stopped: Not reported
Interim: 405 W "D"
Leak Cause: UNK
Leak Source: UNK
MTBE Date: 4/10/1999
Max MTBE GW: Not reported
MTBE Tested: 1
Priority: Not reported
Local Case #: N
Beneficial: Not reported
Staff: NT
GW Qualifier: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

DOWNTOWN AUTO SUPPLY (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104404443

Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : Not reported
Operator : Not reported
Oversight Prgm : Not reported
Review Date : 11/4/1998
Stop Date : 2/22/1996
Work Suspended :14122
Responsible Party:Not reported
RP Address: ED BISSONETTE
Global Id: T0603100165
Org Name: 16
Contact Person: 8006619
MTBE Conc: UST
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: Not reported
Waste Discharge Global ID: 0
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: GASOLINE
Case Type: Aquifer affected
Program: Regional Board
Staff Initials: JDW
Status: Preliminary site assessment workplan submitted
MTBE Code: N/A
Lead Agency: Regional

Case Number: 5T16000173

CORTESE:

Reg Id: 5T16000173
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

23
SE
1/2-1
4738 ft.
Higher

LEMOORE UNION ELEMENTARY
573 BUSH ST W
LEMOORE, CA 93245

LUST 1000590247
Cortese N/A

State LUST:

Cross Street: VINE ST
Qty Leaked: 5T1600001
Case Number: Not reported
Reg Board: Not reported
Chemical: 9
Lead Agency: PAT
Local Agency : R
Case Type: Aquifer affected
Status: 5F
County: Not reported
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: 6/1/1994
Close Date: Not reported
Release Date: 1/1/1965
Cleanup Fund Id : 4
Discover Date : 4/21/1997

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

LEMOORE UNION ELEMENTARY (Continued)

1000590247

Enforcement Dt : 11/10/1986
Enf Type: None Taken
Enter Date : 4/21/1997
Funding: Not reported
Staff Initials: JWH
How Discovered: Tank Closure
How Stopped: Not reported
Interim : 573 W BUSH
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : 12/31/1986
Max MTBE GW : Not reported
MTBE Tested: 1
Priority: Not reported
Local Case # : N
Beneficial: Not reported
Staff : NT
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : VE
Oversight Prgm : Not reported
Review Date : 12/2/1986
Stop Date : 11/10/1986
Work Suspended : Not reported
Responsible Party: Not reported
RP Address: LEMOORE UNION ELEMENTARY
Global Id: T0603100013
Org Name: 16
Contact Person: 8006619
MTBE Conc: UST
Mtbe Fuel: 0
Water System Name: BILLINGSLEY, GENE
Well Name: Not reported
Distance To Lust: Not reported
Waste Discharge Global ID: 0
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: GASOLINE
Case Type: Aquifer affected
Program: Regional Board
Staff Initials: JWH
Status: Case Closed
MTBE Code: N/A
Lead Agency: Regional

Case Number: 5T16000012

CORTESE:

Reg Id: 5T16000012
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

24 BOB WILLIAMS CHEV
ESE 203 E ST
1/2-1 LEMOORE, CA 93245
5238 ft.
Higher

LUST S104399964
Cortese N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BOB WILLIAMS CHEV (Continued)

S104399964

State LUST:

Cross Street: FOLLET
Qty Leaked: 5T1600010
Case Number: Not reported
Reg Board: Not reported
Chemical: 9
Lead Agency: LOR
Local Agency: R
Case Type: Aquifer affected
Status: 5F
County: Not reported
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: 1/1/1965
Cleanup Fund Id: 4
Discover Date: 2/26/1999
Enforcement Dt: 5/7/1990
Enf Type: None Taken
Enter Date: 2/26/1999
Funding: Not reported
Staff Initials: JWH
How Discovered: Subsurface Monitoring
How Stopped: Not reported
Interim: 207 N. BYR
Leak Cause: Corrosion
Leak Source: UNK
MTBE Date: 5/24/1990
Max MTBE GW: Not reported
MTBE Tested: 1
Priority: Not reported
Local Case #: N
Beneficial: Not reported
Staff: YES
GW Qualifier: 12/23/1998
Max MTBE Soil: 5 Parts per Million
Soil Qualifier: <
Hydr Basin #: Not reported
Operator: Not reported
Oversight Prgm: Not reported
Review Date: 5/8/1990
Stop Date: 2/23/1990
Work Suspended: 02175
Responsible Party: Not reported
RP Address: A+L PROPERTIES
Global Id: T0603100108
Org Name: 16
Contact Person: 8006619
MTBE Conc: UST
Mtb Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: Not reported
Waste Discharge Global ID: 0
Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BOB WILLIAMS CHEV (Continued)

S104399964

LUST Region 5:

Substance: GASOLINE
Case Type: Aquifer affected
Program: Regional Board
Staff Initials: JWH
Status: Case Closed
MTBE Code: 1
Lead Agency: Regional

Case Number: 5T16000109

CORTESE:

Reg Id: 5T16000109
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

25
ESE
> 1
5290 ft.
Higher

238 WEST D ST
LEMOORE, CA 27709

CHMIRS S105659316
N/A

CHMIRS:

OES Control Number: 99-4569 DOT ID: Not reported
DOT Hazard Class: Not Reported
Chemical Name: Transformer Oil
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 2
Environmental Contamination: None Reported Property Use: Not reported
Incident Date: Not reported Date Completed: 10/26/99
Time Completed : Not reported
Physical State Stored : Not reported
Physical State Released : Not reported
Release Unit : Not reported
Container Description : Not reported
Container Type : Not reported
Container Material : Not reported
Level Of Container : Not reported
Container Capacity : Not reported
Container Capacity Units (code) : Not reported
Extent Of Release (code) : Not reported
Agency Id Number : Not reported
Agency Incident Number : Not reported
OES Incident Number : 99-4569
Time Notified : Not reported
Surrounding Area : Not reported
Estimated Temperature : Not reported
Property Management : Not reported
More Than Two Substances Involved? : Not reported
Special Studies 1 : Not reported
Special Studies 2 : Not reported
Special Studies 3 : Not reported
Special Studies 4 : Not reported
Special Studies 5 : Not reported
Special Studies 6 : Not reported
Responding Agency Personnel # Of Injuries : 0
Responding Agency Personnel # Of Fatalities : 0
Resp Agency Personnel # Of Decontaminated : Not reported
Others Number Of Decontaminated : Not reported
Others Number Of Injuries : Not reported
Others Number Of Fatalities : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105659316

Vehicle Make/year : Not reported
Vehicle License Number : Not reported
Vehicle State : Not reported
Vehicle Id Number : Not reported
CA/DOT/PUC/ICC Number : Not reported
Company Name : Not reported
Reporting Officer Name/ID : Not reported
Report Date : Not reported
Comments : Not reported
Facility Telephone Number : Not reported
Waterway Involved : No
Waterway : Not reported
Spill Site : Road
Cleanup By : Reporting Party
Containment : Yes
What Happened : Hole in transformer and spilled into alley
Date/Time : 10/26/99 1815
Evacuations : 0
Type : PETROLEUM
Other : 1 ppm PCB
Chemical 1 : Not Reported
Chemical 2 : Not Reported
Chemical 3 : Not Reported

D26
ESE
> 1
5792 ft.
Higher

CHEVRON SS #9-7590
110 D ST
LEMOORE, CA

LUST S102427689
Cortese N/A

Site 1 of 2 in cluster D

State LUST:

Cross Street: Not reported
Qty Leaked: 5T1600015
Case Number: Not reported
Reg Board: Not reported
Chemical: 9
Lead Agency: UNK
Local Agency: R
Case Type: Aquifer affected
Status: 5F
County: Not reported
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: 1/1/1965
Cleanup Fund Id: 4
Discover Date: 6/24/1997
Enforcement Dt: 10/21/1994
Enf Type: None Taken
Enter Date: 6/24/1997
Funding: Responsible Party
Staff Initials: JWH
How Discovered: OM
How Stopped: Not reported
Interim: Not reported
Leak Cause: UNK
Leak Source: UNK

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON SS #9-7590 (Continued)

S102427689

MTBE Date : 6/12/1995
Max MTBE GW : Not reported
MTBE Tested: 1
Priority: Not reported
Local Case # : N
Beneficial: Not reported
Staff : NT
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm : Not reported
Review Date : 2/6/1995
Stop Date : Not reported
Work Suspended Not reported
Responsible Party Not reported
RP Address: CHEVRON
Global Id: T0603100142
Org Name: 16
Contact Person: 8006619
MTBE Conc: UST
Mlbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: Not reported
Waste Discharge Global ID: 0
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: GASOLINE
Case Type: Aquifer affected
Program: Regional Board
Staff Initials: JWH
Status: Case Closed
MTBE Code: N/A
Lead Agency: Regional

Case Number: 5T16000150

CORTESE:

Reg Id: 5T16000150
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

27
East
> 1
5900 ft.
Higher

**CONTINENTAL GRAIN
514 LEMOORE AVE N
LEMOORE, CA 93245**

**LUST 1001613435
Cortese N/A**

State LUST:

Cross Street: Not reported
Qty Leaked: 5T1600009
Case Number: Not reported
Reg Board: Not reported
Chemical: 9
Lead Agency: LOR
Local Agency : R
Case Type: Aquifer affected
Status: 5F
County: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONTINENTAL GRAIN (Continued)

1001613435

Review Date: 7/6/1989
Workplan: 8/11/1989
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: 1/1/1965
Cleanup Fund Id : 4
Discover Date : 9/18/1996
Enforcement Dt : 7/13/1989
Enf Type: None Taken
Enter Date : 9/18/1996
Funding: Not reported
Staff Initials: JWH
How Discovered: Tank Closure
How Stopped: Not reported
Interim : 514 N LEMO
Leak Cause: UNK
Leak Source: UNK
MTBE Date : 7/15/1989
Max MTBE GW : Not reported
MTBE Tested: 0
Priority: Not reported
Local Case # : N
Beneficial: Not reported
Staff : NRQ
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: N
Oversight Prgm : N
Review Date : 7/13/1989
Stop Date : 7/6/1989
Work Suspended : Not reported
Responsible Party: Not reported
RP Address: CONTINENTAL GRAIN
Global Id: T0603100092
Org Name: 16
Contact Person: 12034
MTBE Conc: UST
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: Not reported
Waste Discharge Global ID: 0
Waste Disch Assigned Name: Not reported

Confirm Leak: 7/6/1989
Prelim Assess: 8/11/1989
Remed Plan: Not reported

LUST Region 5:

Substance: DIESEL
Case Type: Aquifer affected
Program: Regional Board
Staff Initials: JWH
Status: Case Closed
MTBE Code: N/A
Lead Agency: Regional

Case Number: 5T16000093

CORTESE:

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CONTINENTAL GRAIN (Continued)

1001613435

Reg Id: 5T16000083
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

D28
ESE
> 1
5968 ft.
Higher

K AND H LIQUOR
49 D ST
LEMOORE, CA 93245

HAZNET S103972908
LUST N/A
Cortese

Site 2 of 2 in cluster D

State LUST:

Cross Street: LEMOORE AVE
Qty Leaked: 5T1600016
Case Number: Not reported
Reg Board: Not reported
Chemical: 5C
Lead Agency: LEE
Local Agency: R
Case Type: Aquifer affected
Status: 5F
County: 300
Review Date: Not reported
Workplan: 1/6/1998
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: 1/1/1965
Cleanup Fund Id: 1
Discover Date: Not reported
Enforcement Dt: 1/6/1998
Enf Type: WAR
Enter Date: 8/7/2001
Funding: Responsible Party
Staff Initials: JDW
How Discovered: Tank Closure
How Stopped: Not reported
Interim: 49 EAST D
Leak Cause: Corrosion
Leak Source: Tank
MTBE Date: 2/6/1998
Max MTBE GW: = Parts per Billion
MTBE Tested: 1
Priority: Not reported
Local Case #: N
Beneficial: Not reported
Staff: YES
GW Qualifier: 3/24/1999
Max MTBE Soil: 60000 Parts per Million
Soil Qualifier: =
Hydr Basin #: Not reported
Operator: Not reported
Oversight Prgm: Y
Oversight Prgm: Y
Review Date: 1/9/1998
Stop Date: 1/6/1998
Work Suspended: Not reported
Responsible Party: Not reported
RP Address: KARAM BANGAR
Global Id: T0603100160

Confirm Leak: Not reported
Prelim Assess: 1/6/1998
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

K AND H LIQUOR (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103972908

Org Name: 16
Contact Person: 8006619
MTBE Conc: UST
Mtbe Fuel: 2
Water System Name: KARAM BANGAR
Well Name: Not reported
Distance To Lust: Not reported
Waste Discharge Global ID: 0
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: GASOLINE
Case Type: Aquifer affected
Program: Regional Board
Staff Initials: JDW
Status: Pollution Characterization
MTBE Code: 8
Lead Agency: Regional

Case Number: 5T16000168

HAZNET:

Gepaid: CAC001269336
Tepaid: CAT080013352
Gen County: Kings
Tsd County: Los Angeles
Tons: 3.3360
Category: Unspecified aqueous solution
Disposal Method: Recycler
Contact: K AND H LIQUOR
Telephone: (000) 000-0000
Mailing Address: 49 D ST
LEMOORE, CA 93245
County: Kings

CORTESE:

Reg Id: 5T16000168
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

**E29
ESE
> 1
6047 ft.
Higher**

**LAMBERT, HOWARD
327 LEMOORE AVE N
LEMOORE, CA 93245**

**LUST S103065594
Cortese N/A**

Site 1 of 2 in cluster E

State LUST:

Cross Street: F
Qty Leaked: Not reported
Case Number: N
Reg Board: 16
Chemical: 5F
Lead Agency: JDW
Local Agency: DAI
Case Type: Aquifer affected
Status: Not reported
County: Not reported
Abate Method: 5T16000039
Review Date: 12/15/1987
Workplan: Not reported
Pollution Char: 10/3/1988
Remed Action: Not reported

Confirm Leak: 12/15/1987
Prelim Assess: Not reported
Remed Plan: 10/3/1988

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

LAMBERT, HOWARD (Continued)

S103065594

Close Date: Not reported
Release Date: 12/15/1987
Cleanup Fund Id : MUN
Discover Date : Not reported
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 12/15/1987
Funding: ST
Staff Initials: NRQ
How Discovered: SEL
How Stopped: Tank Closure
Interim : LAMBERT, H
Leak Cause: Not reported
Leak Source: Other Source
MTBE Date : 8/27/2002
Max MTBE GW : Not reported
MTBE Tested: 0
Priority: Not reported
Local Case # : 14726
Beneficial: Not reported
Staff : 0
GW Qualifier : 12/24/1987
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: 16000
Operator : Not reported
Oversight Prgm: 534 ARMSTRONG
Oversight Prgm : 534 ARMSTRONG
Review Date : 1/1/1965
Stop Date : T060310004
Work Suspended Not reported
Responsible Party71432, 80066
RP Address: Not reported
Global Id: 93245
Org Name: Not reported
Contact Person: 5C
MTBE Conc: Not reported
Mtbe Fuel: LUST
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: Not reported
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: 0

LUST Region 5:

Substance: Not reported
Case Type: Aquifer affected
Program: LUST
Staff Initials: JDW
Status: Pollution Characterization
MTBE Code: N/A
Lead Agency: Regional

Case Number: 5T16000039

CORTESE:

Reg Id: 5T16000039
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

30
ESE
> 1
6104 ft.
Higher

18TH / D
LEMOORE, CA 93245

Database(s)
EDR ID Number
EPA ID Number

CHMIRS S100281005
N/A

CHMIRS:

OES Control Number:	9991680	DOT ID:	2767
DOT Hazard Class:	Poisonous and etiologic (infectious) material		
Chemical Name:	DIURON		
Extent of Release:	Not reported		
CAS Number:	330-54-1	Quantity Released:	0
Environmental Contamination:	Other	Property Use:	Mercantile, Business
Incident Date:	29-NOV-88	Date Completed:	29-NOV-88
Time Completed :	Not reported		
Physical State Stored :	Solid		
Physical State Released :	Solid		
Release Unit :	Not reported		
Container Description :	3		
Container Type :	07		
Container Material :	Wood Paper, Textile and Cellulose products		
Level Of Container :	10		
Container Capacity :	48		
Container Capacity Units (code) :	Lbs.		
Extent Of Release (code) :	8		
Agency Id Number :	Not reported		
Agency Incident Number :	Not reported		
OES Incident Number :	9991680		
Time Notified :	Not reported		
Surrounding Area :	Not reported		
Estimated Temperature :	Not reported		
Property Management :	Not reported		
More Than Two Substances Involved? :	Not reported		
Special Studies 1 :	Not reported		
Special Studies 2 :	Not reported		
Special Studies 3 :	Not reported		
Special Studies 4 :	Not reported		
Special Studies 5 :	Not reported		
Special Studies 6 :	Not reported		
Responding Agency Personnel # Of Injuries :	Not reported		
Responding Agency Personnel # Of Fatalities :	Not reported		
Resp Agency Personnel # Of Decontaminated :	Not reported		
Others Number Of Decontaminated :	Not reported		
Others Number Of Injuries :	Not reported		
Others Number Of Fatalities :	Not reported		
Vehicle Make/year :	Not reported		
Vehicle License Number :	Not reported		
Vehicle State :	Not reported		
Vehicle Id Number :	Not reported		
CA/DOT/PUC/ICC Number :	Not reported		
Company Name :	Not reported		
Reporting Officer Name/ID :	Not reported		
Report Date :	Not reported		
Comments :	Not reported		
Facility Telephone Number :	Not reported		
Waterway Involved :	Not reported		
Waterway :	Not reported		
Spill Site :	Not reported		
Cleanup By :	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

(Continued)

S100281005

Containment : Not reported
What Happened : Not reported
Date/Time : Not reported
Evacuations : Not reported
Type : Not reported
Other : Not reported
Chemical 1 : Not Reported
Chemical 2 : Not Reported
Chemical 3 : Not Reported

E31
ESE
> 1
6109 ft.
Higher

UNOCAL #6004
286 LEMOORE AVE N
LEMOORE, CA 93245

LUST S101295401
Cortese N/A

Site 2 of 2 in cluster E

State LUST:

Cross Street: D ST
Qty Leaked: 5T1600011
Case Number: Not reported
Reg Board: Not reported
Chemical: 5R
Lead Agency: LOR
Local Agency: R
Case Type: Aquifer affected
Status: 5F
County: 6.4
Review Date: Not reported
Workplan: 9/10/1990
Pollution Char: 8/24/2001
Remed Action: Not reported
Close Date: Not reported
Release Date: 1/1/1965
Cleanup Fund Id: 1
Discover Date: Not reported
Enforcement Dt: 9/5/1990
Enf Type: SEL
Enter Date: 7/24/2002
Funding: Not reported
Staff Initials: JDW
How Discovered: Tank Closure
How Stopped: Not reported
Interim: 2000 CROW
Leak Cause: Overfill
Leak Source: Piping
MTBE Date: 9/21/1990
Max MTBE GW: = Parts per Billion
MTBE Tested: 1
Priority: Not reported
Local Case #: N
Beneficial: Not reported
Staff: YES
GW Qualifier: 4/13/1999
Max MTBE Soil: 206000 Parts per Million
Soil Qualifier: =
Hydr Basin #: Not reported
Operator: Not reported
Oversight Prgm: Not reported
Review Date: 4/3/1991

Confirm Leak: Not reported
Prelim Assess: 9/10/1990
Remed Plan: 8/24/2001

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

UNOCAL #6004 (Continued)

EDR ID Number
EPA ID Number

S101295401

Stop Date : 9/5/1990
Work Suspended : Not reported
Responsible Party : Not reported
RP Address: PHILLIPS 66 CO
Global Id: T0603100112
Org Name: 16
Contact Person: 8006619
MTBE Conc: UST
Mtbe Fuel: 2
Water System Name: ROBERT JACOBS
Well Name: Not reported
Distance To Lust: Not reported
Waste Discharge Global ID: 0
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: GASOLINE
Case Type: Aquifer affected
Program: Regional Board
Staff Initials: JDW
Status: Remediation Plan
MTBE Code: 9
Lead Agency: Regional

Case Number: 5T16000113

CORTESE:

Reg Id: 5T16000113
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

32
SSE
> 1
6131 ft.
Higher

1120 CHERRY LANE
LEMOORE, CA 93245

CHMIRS S100277689
N/A

CHMIRS:

OES Control Number: 9117233 DOT ID: Not reported
DOT Hazard Class: Not Reported
Chemical Name: NATURAL GAS
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 0
Environmental Contamination: Air Property Use: Residential
Incident Date: 27-MAY-91 Date Completed: 27-MAY-91
Time Completed : -845
Physical State Stored : Gas
Physical State Released : Gas
Release Unit : Not reported
Container Description : 1
Container Type : Pipe
Container Material : Plastic Fiberglass , Rigid
Level Of Container : Below Ground
Container Capacity : Not reported
Container Capacity Units (code) : Not reported
Extent Of Release (code) : 7
Agency Id Number : 16606
Agency Incident Number : 91-1147
OES Incident Number : 9117233
Time Notified : 725
Surrounding Area : Not reported
Estimated Temperature : 75

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S100277689

Property Management : P
More Than Two Substances Involved? : Not reported
Special Studies 1 : Not reported
Special Studies 2 : Not reported
Special Studies 3 : Not reported
Special Studies 4 : Not reported
Special Studies 5 : Not reported
Special Studies 6 : Not reported
Responding Agency Personnel # Of Injuries : 0
Responding Agency Personnel # Of Fatalities : 0
Resp Agency Personnel # Of Decontaminated : 0
Others Number Of Decontaminated : 0
Others Number Of Injuries : 0
Others Number Of Fatalities : 0
Vehicle Make/year : Not reported
Vehicle License Number : Not reported
Vehicle State : Not reported
Vehicle Id Number : Not reported
CA/DOT/PUC/ICC Number : Not reported
Company Name : Not reported
Reporting Officer Name/ID : GORDON J. BECK SGT. 309
Report Date : 27-MAY-91
Comments : No
Facility Telephone Number : 209 924-9574
Waterway Involved : Not reported
Waterway : Not reported
Spill Site : Not reported
Cleanup By : Not reported
Containment : Not reported
What Happened : Not reported
Date/Time : Not reported
Evacuations : Not reported
Type : Not reported
Other : Not reported
Chemical 1 : Not Reported
Chemical 2 : Not Reported
Chemical 3 : Not Reported

33
ENE
> 1
6267 ft.
Higher

7-ELEVEN #16373
1110 LEMOORE N
LEMOORE, CA 93245

LUST S104404440
Cortese N/A

State LUST:

Cross Street: HANFORD-ARMONA RD
Qty Leaked: 5T1600016
Case Number: Not reported
Reg Board: Not reported
Chemical: 7
Lead Agency: RAY
Local Agency: R
Case Type: Aquifer affected
Status: 5F
County: Not reported
Review Date: Not reported
Workplan: Not reported
Pollution Char: 1/13/2000
Remed Action: 4/23/2001

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: 1/13/2000

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

7-ELEVEN #16373 (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104404440

Close Date: Not reported
Release Date: 1/1/1965
Cleanup Fund Id : 1
Discover Date : Not reported
Enforcement Dt : 9/8/1997
Enf Type: None Taken
Enter Date : 4/23/2001
Funding: Responsible Party
Staff Initials: JDW
How Discovered: Subsurface Monitoring
How Stopped: Not reported
Interim : 295 W, CRO
Leak Cause: UNK
Leak Source: UNK
MTBE Date : 10/1/1997
Max MTBE GW : Not reported
MTBE Tested: 1
Priority: Not reported
Local Case # : N
Beneficial: Not reported
Staff : YES
GW Qualifier : 3/7/2000
Max MTBE Soil : 24600 Parts per Million
Soil Qualifier : =
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm : Not reported
Review Date : 9/10/1997
Stop Date : 9/15/1997
Work Suspended : Not reported
Responsible Party: Not reported
RP Address: SOUTHLAND CORPORATION
Global Id: T0603100159
Org Name: 16
Contact Person: 8006619
MTBE Conc: UST
Mtbe Fuel: 1
Water System Name: JACKJUNG
Well Name: Not reported
Distance To Lust: Not reported
Waste Discharge Global ID: 0
Waste Disch Assigned Name: Not reported

LUST Region 5:

Substance: GASOLINE
Case Type: Aquifer affected
Program: Regional Board
Staff Initials: JDW
Status: Remedial action (cleanup) Underway
MTBE Code: 8
Lead Agency: Regional

Case Number: 5T16000167

CORTESE:

Reg Id: 5T16000167
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LEMOORE	S102791324	1X CENTRAL UNION SCHOOL DISTRICT	'5763 - 18TH AVE	93245	HAZNET
LEMOORE	U001581921	FRANK D. ROCHA	14228-19TH AVE	93245	HIST UST
LEMOORE	S105087960	FLORES PISTACHIO RANCH	HIGHWAY 198 / AVENUE 27	93245	HAZNET
LEMOORE	U001581906	BUY & SPLIT	12305-19 1/2 AVE	93245	HIST UST
LEMOORE	S104404436	CITY OF LEMOORE, CORP YARD	41 CINNAMON DR (HUME AVE)	93245	LUST
LEMOORE	S103984553	RIO VISTA FARMS	22007 HANFORD-ARMONA RD	93245	HAZNET
LEMOORE	1004439458	KOIONIA MASTERS SCHOOL	P O BOX 580	93245	FINDS
LEMOORE	S105024443	SHAMROCK FARMING	STAR ROUTE 2 BOX 125	93245	LUST, Cortese
NAS LEMOORE	S103959413	CUSD/AKERS SCHOOL	CORAL SEA / CONSTELLATION STREETS	93245	HAZNET
NAS LEMOORE	S103959416	CUSD/NEUTRA SCHOOL	ORISKANY / HAWKEYE STREETS	93245	HAZNET
NASLEMOORE	1000418264	NEUTRA SCHOOL	ORISKANY / HAWKEYE	93245	HAZNET
WESTHAVEN	S102808177	BOSTON RANCH COMPANY	HWY 198 / JAMISON AVE	93245	HAZNET

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 STANDARD RECORDS

NPL: National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/29/03

Date Made Active at EDR: 03/04/03

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/04/03

Elapsed ASTM days: 28

Date of Last EDR Contact: 02/04/03

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 617-918-1143

EPA Region 3

Telephone 215-814-5418

EPA Region 4

Telephone 404-562-8033

EPA Region 6

Telephone: 214-655-6659

EPA Region 8

Telephone: 303-312-6774

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 01/29/03

Date Made Active at EDR: 03/04/03

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/04/03

Elapsed ASTM days: 28

Date of Last EDR Contact: 02/04/03

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: 03/19/03

Date Made Active at EDR: 04/08/03

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/24/03

Elapsed ASTM days: 15

Date of Last EDR Contact: 03/24/03

CERCLIS-NFRAP: CERCLIS 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/19/03
Date Made Active at EDR: 04/08/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/24/03
Elapsed ASTM days: 15
Date of Last EDR Contact: 03/24/03

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 01/15/03
Date Made Active at EDR: 03/04/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 01/21/03
Elapsed ASTM days: 42
Date of Last EDR Contact: 03/10/03

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: 09/09/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/24/02
Elapsed ASTM days: 34
Date of Last EDR Contact: 04/18/03

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard

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: 12/31/01
Date Made Active at EDR: 07/15/02
Database Release Frequency: Annually

Date of Data Arrival at EDR: 07/02/02
Elapsed ASTM days: 13
Date of Last EDR Contact: 01/27/03

FEDERAL ASTM SUPPLEMENTAL 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: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/17/03
Date of Next Scheduled EDR Contact: 06/16/03

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: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision

Source: EPA

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/09/03
Database Release Frequency: Annually

Date of Last EDR Contact: 04/07/03
Date of Next Scheduled EDR Contact: 07/07/03

DELISTED NPL: National Priority List Deletions

Source: EPA
Telephone: N/A

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: 01/29/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/04/03
Date of Next Scheduled EDR Contact: 05/05/03

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA
Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/14/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/07/03
Date of Next Scheduled EDR Contact: 07/07/03

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 11/30/02
Database Release Frequency: Annually

Date of Last EDR Contact: 01/23/03
Date of Next Scheduled EDR Contact: 04/21/03

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: 01/16/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/07/03
Date of Next Scheduled EDR Contact: 07/07/03

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 09/10/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/31/03
Date of Next Scheduled EDR Contact: 06/30/03

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/27/03
Date of Next Scheduled EDR Contact: 05/26/03

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-564-3887

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: 12/12/02
Database Release Frequency: Annually

Date of Last EDR Contact: 02/10/03
Date of Next Scheduled EDR Contact: 05/12/03

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: 03/10/03
Date of Next Scheduled EDR Contact: 06/09/03

TRIS: Toxic Chemical Release Inventory System

Source: EPA

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: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 03/25/03
Date of Next Scheduled EDR Contact: 06/23/03

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-5521

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: 12/31/98
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 03/06/03
Date of Next Scheduled EDR Contact: 06/09/03

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 01/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/24/03
Date of Next Scheduled EDR Contact: 06/23/03

SSTS: Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-5008

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 01/21/03
Date of Next Scheduled EDR Contact: 04/21/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/28/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/24/03

Date of Next Scheduled EDR Contact: 06/23/03

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites

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: 03/31/03

Date Made Active at EDR: 04/25/03

Database Release Frequency: Annually

Date of Data Arrival at EDR: 04/07/03

Elapsed ASTM days: 18

Date of Last EDR Contact: 04/07/03

CAL-SITES: Calsites Database

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: 02/28/03

Date Made Active at EDR: 03/21/03

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/11/03

Elapsed ASTM days: 10

Date of Last EDR Contact: 03/11/03

CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services

Telephone: 916-845-8400

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/01

Date Made Active at EDR: 01/15/03

Database Release Frequency: Varies

Date of Data Arrival at EDR: 12/02/02

Elapsed ASTM days: 44

Date of Last EDR Contact: 02/24/03

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-9100

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: 04/01/01

Date Made Active at EDR: 07/26/01

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 05/29/01

Elapsed ASTM days: 58

Date of Last EDR Contact: 02/18/03

NOTIFY 65: Proposition 65 Records

Source: State Water Resources Control Board

Telephone: 916-445-3846

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/21/03

TOXIC PITS: Toxic Pits Cleanup Act Sites

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: 02/03/03

SWF/LF (SWIS): Solid Waste Information System

Source: Integrated Waste Management Board
Telephone: 916-341-6320

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/14/03
Date Made Active at EDR: 04/04/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/17/03
Elapsed ASTM days: 18
Date of Last EDR Contact: 03/17/03

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: 04/01/00
Date Made Active at EDR: 05/10/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/10/00
Elapsed ASTM days: 30
Date of Last EDR Contact: 03/17/03

LUST: Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board
Telephone: 916-341-5740

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: 04/02/03
Date Made Active at EDR: 04/25/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/16/03
Elapsed ASTM days: 9
Date of Last EDR Contact: 04/16/03

CA BOND EXP. PLAN: 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA UST:

UST: Active UST Facilities

Source: SWRCB

Telephone: 916-341-5700

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/06/03

Date Made Active at EDR: 01/28/03

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 01/08/03

Elapsed ASTM days: 20

Date of Last EDR Contact: 04/16/03

VCP: Voluntary Cleanup Program Properties

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 02/28/03

Date Made Active at EDR: 04/04/03

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/05/03

Elapsed ASTM days: 30

Date of Last EDR Contact: 03/05/03

INDIAN UST: Underground Storage Tanks on Indian Land

Source: EPA Region 9

Telephone: 415-972-3368

Date of Government Version: N/A

Date Made Active at EDR: N/A

Database Release Frequency: Varies

Date of Data Arrival at EDR: N/A

Elapsed ASTM days: 0

Date of Last EDR Contact: N/A

CA FID UST: 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

HIST UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board

Telephone: 916-341-5700

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: 07/26/01

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board

Telephone: 916-341-5712

Registered Aboveground Storage Tanks.

Date of Government Version: 03/18/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/03/03

Date of Next Scheduled EDR Contact: 05/05/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CLEANERS: Cleaner Facilities

Source: Department of Toxic Substance Control
Telephone: 916-225-0873

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes:
power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries
and cleaning; drycleaning plants, except rugs; carpet and upholstery cleaning; industrial launderers; laundry and
garment services.

Date of Government Version: 03/18/02
Database Release Frequency: Annually

Date of Last EDR Contact: 04/07/03
Date of Next Scheduled EDR Contact: 07/07/03

CA 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: 03/21/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/24/03
Date of Next Scheduled EDR Contact: 06/23/03

DEED: List of Deed Restrictions

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe
exposures to hazardous substances and wastes.

Date of Government Version: 04/04/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/07/03
Date of Next Scheduled EDR Contact: 07/07/03

NFA: No Further Action Determination

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

This category contains properties at which DTSC has made a clear determination that the property does not pose
a problem to the environment or to public health.

Date of Government Version: 02/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/11/03
Date of Next Scheduled EDR Contact: 06/02/03

REF: Unconfirmed Properties Referred to Another Agency

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

This category contains properties where contamination has not been confirmed and which were determined as not
requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred
to another state or local regulatory agency.

Date of Government Version: 03/18/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/11/03
Date of Next Scheduled EDR Contact: 06/02/03

SCH: School Property Evaluation Program

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous
materials contamination. In some cases, these properties may be listed in the CalSites category depending on the
level of threat to public health and safety or the environment they pose.

Date of Government Version: 02/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/11/03
Date of Next Scheduled EDR Contact: 06/02/03

NFE: Properties Needing Further Evaluation

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated
properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is
currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but
not currently underway.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/11/03
Date of Next Scheduled EDR Contact: 06/02/03

HAZNET: Hazardous Waste Information System

Source: California Environmental Protection Agency
Telephone: 916-255-1136

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: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 02/10/03
Date of Next Scheduled EDR Contact: 05/12/03

LOCAL RECORDS

ALAMEDA COUNTY:

Local Oversight Program Listing of UGT Cleanup Sites

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 12/02/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/27/03
Date of Next Scheduled EDR Contact: 04/28/03

Underground Tanks

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 11/26/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/27/03
Date of Next Scheduled EDR Contact: 04/28/03

CONTRA COSTA COUNTY:

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: 06/05/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/03/03
Date of Next Scheduled EDR Contact: 06/02/03

FRESNO COUNTY:

CUPA Resources List

Source: Dept. of Community Health
Telephone: 559-445-3271

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 03/28/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/24/03
Date of Next Scheduled EDR Contact: 05/12/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700

Kern County Sites and Tanks Listing.

Date of Government Version: 03/25/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/10/03

Date of Next Scheduled EDR Contact: 06/09/03

LOS ANGELES COUNTY:

List of Solid Waste Facilities

Source: La County Department of Public Works

Telephone: 818-458-5185

Date of Government Version: 03/01/03

Database Release Frequency: Varies

Date of Last EDR Contact: 02/20/03

Date of Next Scheduled EDR Contact: 05/19/03

City of El Segundo Underground Storage Tank

Source: City of El Segundo Fire Department

Telephone: 310-607-2239

Date of Government Version: 03/01/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/18/03

Date of Next Scheduled EDR Contact: 05/19/03

City of Long Beach Underground Storage Tank

Source: City of Long Beach Fire Department

Telephone: 562-570-2543

Date of Government Version: 05/30/02

Database Release Frequency: Annually

Date of Last EDR Contact: 02/24/03

Date of Next Scheduled EDR Contact: 05/26/03

City of Torrance Underground Storage Tank

Source: City of Torrance Fire Department

Telephone: 310-618-2973

Date of Government Version: 02/25/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/18/03

Date of Next Scheduled EDR Contact: 05/19/03

City of Los Angeles Landfills

Source: Engineering & Construction Division

Telephone: 213-473-7869

Date of Government Version: 03/01/02

Database Release Frequency: Varies

Date of Last EDR Contact: 03/17/03

Date of Next Scheduled EDR Contact: 06/16/03

HMS: Street Number List

Source: Department of Public Works

Telephone: 626-458-3517

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 02/27/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/18/03

Date of Next Scheduled EDR Contact: 05/19/03

Site Mitigation List

Source: Community Health Services

Telephone: 323-890-7806

Industrial sites that have had some sort of spill or complaint.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/07/03
Database Release Frequency: Annually

Date of Last EDR Contact: 02/18/03
Date of Next Scheduled EDR Contact: 05/19/03

San Gabriel Valley Areas of Concern

Source: EPA Region 9
Telephone: 415-972-3178

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/29/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 03/04/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/03/03
Date of Next Scheduled EDR Contact: 05/05/03

NAPA COUNTY:

Sites With Reported Contamination

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 03/31/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/31/03
Date of Next Scheduled EDR Contact: 06/30/03

Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 03/31/03
Database Release Frequency: Annually

Date of Last EDR Contact: 03/31/03
Date of Next Scheduled EDR Contact: 06/30/03

ORANGE COUNTY:

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: 11/04/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/14/03
Date of Next Scheduled EDR Contact: 06/09/03

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: 11/27/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/14/03
Date of Next Scheduled EDR Contact: 06/09/03

List of Industrial Site Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/24/00
Database Release Frequency: Annually

Date of Last EDR Contact: 03/14/03
Date of Next Scheduled EDR Contact: 06/09/03

PLACER COUNTY:

Master List of Facilities

Source: Placer County Health and Human Services
Telephone: 530-889-7312
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 02/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/25/03
Date of Next Scheduled EDR Contact: 06/23/03

RIVERSIDE COUNTY:

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: 02/24/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/21/03
Date of Next Scheduled EDR Contact: 07/21/03

Underground Storage Tank Tank List

Source: Health Services Agency
Telephone: 909-358-5055

Date of Government Version: 02/24/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/21/03
Date of Next Scheduled EDR Contact: 07/21/03

SACRAMENTO COUNTY:

CS - Contaminated Sites

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Date of Government Version: 10/25/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/03/03
Date of Next Scheduled EDR Contact: 05/05/03

ML - Regulatory Compliance Master List

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/05/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/03/03
Date of Next Scheduled EDR Contact: 05/05/03

SAN BERNARDINO COUNTY:

Hazardous Material Permits

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/10/03
Date of Next Scheduled EDR Contact: 06/09/03

SAN DIEGO COUNTY:

Solid Waste Facilities

Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/00
Database Release Frequency: Varies

Date of Last EDR Contact: 02/24/03
Date of Next Scheduled EDR Contact: 05/26/03

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: 03/31/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/16/03
Date of Next Scheduled EDR Contact: 07/07/03

SAN FRANCISCO COUNTY:

Local Oversight Facilities

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 03/17/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/10/03
Date of Next Scheduled EDR Contact: 06/09/03

Underground Storage Tank Information

Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 03/17/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/10/03
Date of Next Scheduled EDR Contact: 06/09/03

SAN MATEO COUNTY:

Fuel Leak List

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 03/13/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/10/03
Date of Next Scheduled EDR Contact: 04/28/03

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 04/15/03
Date of Next Scheduled EDR Contact: 07/14/03

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District
Telephone: 408-265-2600

Date of Government Version: 01/08/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/31/03
Date of Next Scheduled EDR Contact: 06/30/03

Hazardous Material Facilities

Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 01/03/02
Database Release Frequency: Annually

Date of Last EDR Contact: 03/10/03
Date of Next Scheduled EDR Contact: 06/09/03

SOLANO COUNTY:

Leaking Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 12/20/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/03
Date of Next Scheduled EDR Contact: 06/16/03

Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 12/18/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/03
Date of Next Scheduled EDR Contact: 06/16/03

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Source: Department of Health Services
Telephone: 707-565-6565

Date of Government Version: 01/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/27/03
Date of Next Scheduled EDR Contact: 04/28/03

SUTTER COUNTY:

Underground Storage Tanks

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500

Date of Government Version: 07/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/07/03
Date of Next Scheduled EDR Contact: 07/07/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

VENTURA COUNTY:

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: 09/01/02

Database Release Frequency: Annually

Date of Last EDR Contact: 02/24/03

Date of Next Scheduled EDR Contact: 05/26/03

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: 03/10/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/03

Date of Next Scheduled EDR Contact: 06/16/03

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: 10/21/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/03

Date of Next Scheduled EDR Contact: 06/16/03

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: 02/11/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/03

Date of Next Scheduled EDR Contact: 06/16/03

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Source: Yolo County Department of Health

Telephone: 530-666-8646

Date of Government Version: 10/28/02

Database Release Frequency: Annually

Date of Last EDR Contact: 04/21/03

Date of Next Scheduled EDR Contact: 07/21/03

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

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/01

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/24/03

Date of Next Scheduled EDR Contact: 05/26/03

LUST REG 2: Fuel Leak List

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-286-0457

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/15/03
Date of Next Scheduled EDR Contact: 07/14/03

LUST REG 3: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 02/18/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/18/03
Date of Next Scheduled EDR Contact: 05/19/03

LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-6600
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 08/09/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/31/03
Date of Next Scheduled EDR Contact: 06/30/03

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: 01/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/08/03
Date of Next Scheduled EDR Contact: 07/07/03

LUST REG 6L: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 04/10/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/07/03
Date of Next Scheduled EDR Contact: 07/07/03

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: 01/24/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/07/03
Date of Next Scheduled EDR Contact: 07/07/03

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: 07/02/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/31/03
Date of Next Scheduled EDR Contact: 06/30/03

LUST REG 8: Leaking Underground Storage Tanks

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4498
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/14/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/10/03
Date of Next Scheduled EDR Contact: 05/12/03

LUST REG 9: Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/21/03
Date of Next Scheduled EDR Contact: 07/21/03

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: 04/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/10/03
Date of Next Scheduled EDR Contact: 05/26/03

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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: 03/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/15/03
Date of Next Scheduled EDR Contact: 07/14/03

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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: 02/18/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/18/03
Date of Next Scheduled EDR Contact: 05/19/03

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 02/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/27/03
Date of Next Scheduled EDR Contact: 04/28/03

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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: 03/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/08/03
Date of Next Scheduled EDR Contact: 07/07/03

SLIC REG 6L: SLIC Sites

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574

Date of Government Version: 04/10/03
Database Release Frequency: Varies

Date of Last EDR Contact: 03/10/03
Date of Next Scheduled EDR Contact: 06/09/03

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: 07/19/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/08/03
Date of Next Scheduled EDR Contact: 07/07/03

SLIC REG 7: SLIC List

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/03
Database Release Frequency: Varies

Date of Last EDR Contact: 02/28/03
Date of Next Scheduled EDR Contact: 05/26/03

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-3298

Date of Government Version: 06/01/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/21/03
Date of Next Scheduled EDR Contact: 07/07/03

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Date of Government Version: 03/03/03
Database Release Frequency: Annually

Date of Last EDR Contact: 03/03/03
Date of Next Scheduled EDR Contact: 06/02/03

EDR PROPRIETARY HISTORICAL DATABASES

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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The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

STATE OF CALIFORNIA BROWNFIELDS DATABASES RECORDS

VCP: Voluntary Cleanup Program Properties
Source: Department of Toxic Substances Control
Telephone: 916-323-3400

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 02/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/05/03
Date of Next Scheduled EDR Contact: 06/02/03

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.

Oil/Gas Pipelines: 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.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PROP. LUESD SCHOOL SITE
1200 W. CINNAMON DR
LEMORE, CA 93245

TARGET PROPERTY COORDINATES

Latitude (North):	36.307251 - 36° 18' 26.1"
Longitude (West):	119.800629 - 119° 48' 2.3"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	248532.4
UTM Y (Meters):	4021467.2

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

USGS Topographic Map: 2436119-C7 LEMOORE, CA
General Topographic Gradient: General SSW
Source: USGS 7.5 min quad index

Source: Topography has been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
KINGS, CA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0600860050B

Additional Panels in search area: 0600890001A

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
LEMOORE

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Site-Specific Hydrogeological Data:*

Search Radius: 2.00 miles
Status: Not found

AQUIFLOW®

Search Radius: 2.000 Miles.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
Not Reported		

* ©1998 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
 System: Quaternary
 Series: Quaternary
 Code: Q (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: GEPFORD

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	25 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.06 Min: 0.00	Max: 8.40 Min: 7.40

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	25 inches	38 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.06 Min: 0.00	Max: 8.40 Min: 7.40
3	38 inches	60 inches	stratified	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 8.40 Min: 7.40

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loam
sandy loam
fine sandy loam
loamy sand
loamy fine sand

Surficial Soil Types: loam
sandy loam
fine sandy loam
loamy sand
loamy fine sand

Shallow Soil Types: sandy loam
clay loam

Deeper Soil Types: sand
fine sand
clay
loamy sand
clay loam
sandy loam
loamy fine sand

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS0136942	1/4 - 1/2 Mile WSW
2	USGS0136964	1/4 - 1/2 Mile NNE
3	USGS0136931	1/2 - 1 Mile SSE
4	USGS0136893	1/2 - 1 Mile WNW
5	USGS0136914	1/2 - 1 Mile NE
A6	USGS0136939	1/2 - 1 Mile ESE
7	USGS0136795	1/2 - 1 Mile SSW
8	USGS0136937	1/2 - 1 Mile WSW
10	USGS0136854	1/2 - 1 Mile SE
13	USGS0136878	1/2 - 1 Mile ESE
14	USGS0136921	1/2 - 1 Mile NNE
B15	USGS0136905	1/2 - 1 Mile WNW
B16	USGS0136965	1/2 - 1 Mile WNW
B17	USGS0136902	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

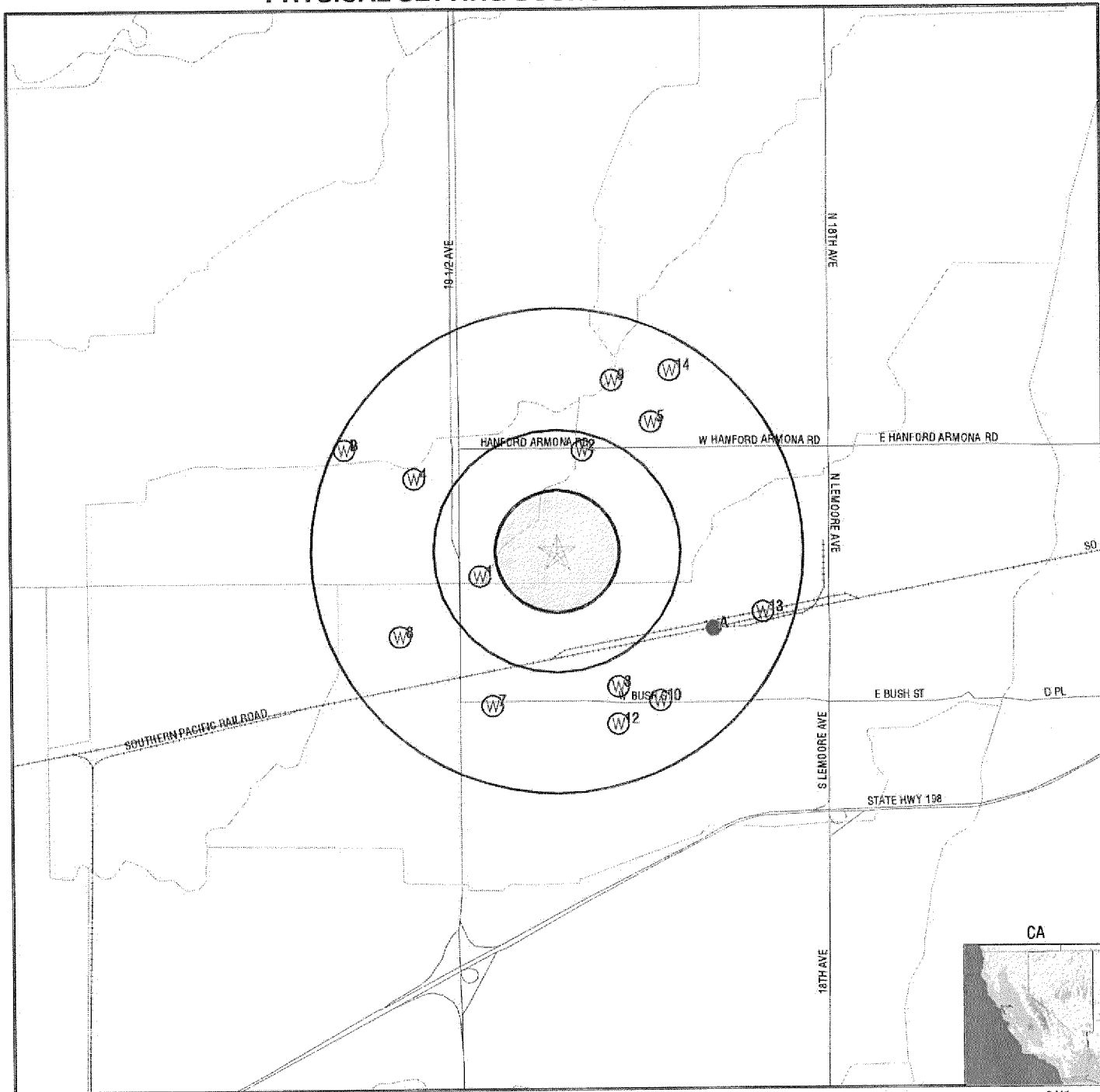
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
9	13761	1/2 - 1 Mile NNE
A11	13752	1/2 - 1 Mile ESE
12	14507	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 0968452.1s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

No contour lines were detected within this map area.

TARGET PROPERTY: Prop. LUESD School Site ADDRESS: 1200 W. Cinnamon Dr CITY/STATE/ZIP: Lemoore CA 93245 LAT/LONG: 36.3073 / 119.8006	CUSTOMER: BSK & Associates CONTACT: Russell D. Anthony INQUIRY #: 0968452.1s DATE: April 29, 2003 8:15 pm
--	--

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1

WSW
1/4 - 1/2 Mile
Higher

FED USGS USGS0136942

Agency:	USGS	Site ID:	361821119481901
Site Name:	019S020E04L001M		
Dec. Latitude:	36.30578		
Dec. Longitude:	-119.80625		
Coord Sys:	NAD83		
State:	CA		
County:	Kings County		
Altitude:	220.00		
Hydrologic code:	18030012		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported	Well depth:	700
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

2

NNE
1/4 - 1/2 Mile
Higher

FED USGS USGS0136964

Agency:	USGS	Site ID:	361848119475201
Site Name:	019S020E04A001M		
Dec. Latitude:	36.31328		
Dec. Longitude:	-119.79874		
Coord Sys:	NAD83		
State:	CA		
County:	Kings County		
Altitude:	225		
Hydrologic code:	18030012		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	198905
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported	Well depth:	8.7
Hole depth:	Not Reported	Source:	S
Project no:	Not Reported		

3

SSE
1/2 - 1 Mile
Higher

FED USGS USGS0136931

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	361757119474301
Site Name:	019S020E03N001M		
Dec. Latitude:	36.29912		
Dec. Longitude:	-119.79624		
Coord Sys:	NAD83		
State:	CA		
County:	Kings County		
Altitude:	218		
Hydrologic code:	18030012		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	19810116	Inven Date:	19860414
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported	Well depth:	50
Hole depth:	54	Source:	D
Project no:	Not Reported		

4
WNW
1/2 - 1 Mile
Higher

FED USGS USGS0136893

Agency:	USGS	Site ID:	361842119483601
Site Name:	018S020E04C002M		
Dec. Latitude:	36.31162		
Dec. Longitude:	-119.81097		
Coord Sys:	NAD83		
State:	CA		
County:	Kings County		
Altitude:	219.00		
Hydrologic code:	18030012		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported	Well depth:	Not Reported
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

5
NE
1/2 - 1 Mile
Higher

FED USGS USGS0136914

Agency:	USGS	Site ID:	361854119473401
Site Name:	018S020E34N001M		
Dec. Latitude:	36.31495		
Dec. Longitude:	-119.79374		
Coord Sys:	NAD83		
State:	CA		
County:	Kings County		
Altitude:	225.00		
Hydrologic code:	18030012		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19580101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported	Well depth:	132
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A6

ESE

1/2 - 1 Mile

Higher

FED USGS

USGS0136939

Agency:	USGS	Site ID:	361809119472101
Site Name:	019S020E03P001M		
Dec. Latitude:	36.30245		
Dec. Longitude:	-119.79013		
Coord Sys:	NAD83		
State:	CA		
County:	Kings County		
Altitude:	221.00		
Hydrologic code:	18030012		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported	Well depth:	360
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

7

SSW

1/2 - 1 Mile

Higher

FED USGS

USGS0136795

Agency:	USGS	Site ID:	361753119481601
Site Name:	019S020E09B001M		
Dec. Latitude:	36.29801		
Dec. Longitude:	-119.80541		
Coord Sys:	NAD83		
State:	CA		
County:	Kings County		
Altitude:	215.00		
Hydrologic code:	18030012		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19460101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	112ALAE		
Aquifer type:	Not Reported	Well depth:	121
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

8

WSW

1/2 - 1 Mile

Higher

FED USGS

USGS0136937

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	361808119484001
Site Name:	019S020E04N001M		
Dec. Latitude:	36.30217		
Dec. Longitude:	-119.81208		
Coord Sys:	NAD83		
State:	CA		
County:	Kings County		
Altitude:	217.00		
Hydrologic code:	18030012		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19560101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported	Well depth:	204
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

9
NNE
1/2 - 1 Mile
Higher

CA WELLS 13761

Water System Information:

Prime Station Code:	18S/20E-34M01 M	User ID:	16C
FRDS Number:	1600031001	County:	Kings
District Number:	46	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	361903.0 1194744.0	Precision:	100 Feet (one Second)
Source Name:	WELL 01		
System Number:	1600031		
System Name:	LEMOORE M H P		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

10
SE
1/2 - 1 Mile
Higher

FED USGS USGS0136854

Agency:	USGS	Site ID:	361754119473201
Site Name:	019S020E10D001M		
Dec. Latitude:	36.29828		
Dec. Longitude:	-119.79319		
Coord Sys:	NAD83		
State:	CA		
County:	Kings County		
Altitude:	221.00		
Hydrologic code:	18030012		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19510101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported	Well depth:	47.0
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A11
ESE
1/2 - 1 Mile
Higher

CA WELLS 13752

Water System Information:

Prime Station Code:	18S/20E-03K04 M	User ID:	CYA
FRDS Number:	1610005001	County:	Kings
District Number:	12	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	361810.0 1194715.0	Precision:	100 Feet (one Second)
Source Name:	WELL 04 - DESTROYED		
System Number:	1610005		
System Name:	LEMOORE, CITY OF		
Organization That Operates System:	406 B STREET LEMOORE, CA 93245		
Pop Served:	16371	Connections:	4428
Area Served:	LEMOORE-CITY		

12
SSE
1/2 - 1 Mile
Higher

CA WELLS 14507

Water System Information:

Prime Station Code:	19S/20E-03M01 M	User ID:	CYA
FRDS Number:	1610005006	County:	Kings
District Number:	12	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Active Treated
Source Lat/Long:	361749.0 1194743.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 10 - TREATED		
System Number:	1610005		
System Name:	LEMOORE, CITY OF		
Organization That Operates System:	406 B STREET LEMOORE, CA 93245		
Pop Served:	16371	Connections:	4428
Area Served:	LEMOORE-CITY		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	12/12/1994	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/12/1994	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/12/1994	Findings:	.900 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	04/04/1995	Findings:	4.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/04/1995	Findings:	.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/04/1995	Findings:	.500 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	10/05/1995	Findings:	30.000 UNITS
Chemical:	COLOR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/05/1995	Findings:	640.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/05/1995	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	10/05/1995	Findings:	210.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/05/1995	Findings:	260.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/05/1995	Findings:	4.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/05/1995	Findings:	1.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/05/1995	Findings:	.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/05/1995	Findings:	140.000 MG/L
Chemical:	SODIUM		
Sample Collected:	10/05/1995	Findings:	75.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/05/1995	Findings:	1.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/05/1995	Findings:	110.000 UG/L
Chemical:	IRON		
Sample Collected:	10/05/1995	Findings:	220.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	10/05/1995	Findings:	360.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/05/1995	Findings:	1.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/23/1995	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/23/1995	Findings:	2.000 PCI/L
Chemical:	URANIUM COUNTING ERROR		

13
ESE
1/2 - 1 Mile
Higher

FED USGS USGS0136878

Agency:	USGS	Site ID:	361813119470501
Site Name:	019S020E03K002M		
Dec. Latitude:	36.30356		
Dec. Longitude:	-119.78569		
Coord Sys:	NAD83		
State:	CA		
County:	Kings County		
Altitude:	225.00		
Hydrologic code:	18030012		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19490101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported	Well depth:	850
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

14
NNE
1/2 - 1 Mile
Higher

FED USGS USGS0136921

Agency:	USGS	Site ID:	361905119472901
Site Name:	018S020E34L001M		
Dec. Latitude:	36.31801		
Dec. Longitude:	-119.79236		
Coord Sys:	NAD83		
State:	CA		
County:	Kings County		
Altitude:	225		
Hydrologic code:	18030012		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	19860416	Inven Date:	19870226
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	110ALVM		
Aquifer type:	U	Well depth:	232
Hole depth:	246	Source:	D
Project no:	Not Reported		

B15
WNW
1/2 - 1 Mile
Higher

FED USGS USGS0136905

Agency:	USGS	Site ID:	361849119485101
Site Name:	019S020E04D001M		
Dec. Latitude:	36.31356		
Dec. Longitude:	-119.81513		
Coord Sys:	NAD83		
State:	CA		
County:	Kings County		
Altitude:	218.00		
Hydrologic code:	18030012		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	19890323
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported	Well depth:	13.50
Hole depth:	Not Reported	Source:	S
Project no:	Not Reported		

B16
WNW
1/2 - 1 Mile
Higher

FED USGS USGS0136965

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	361848119485501
Site Name:	018S020E04D002M		
Dec. Latitude:	36.31328		
Dec. Longitude:	-119.81625		
Coord Sys:	NAD83		
State:	CA		
County:	Kings County		
Altitude:	218.00		
Hydrologic code:	18030012		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported	Well depth:	Not Reported
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

B17
WNW
1/2 - 1 Mile
Higher

FED USGS USGS0136902

Agency:	USGS	Site ID:	361848119485701
Site Name:	019S020E05A001M		
Dec. Latitude:	36.31328		
Dec. Longitude:	-119.8168		
Coord Sys:	NAD83		
State:	CA		
County:	Kings County		
Altitude:	218		
Hydrologic code:	18030012		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	198908	Inven Date:	19890811
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported	Well depth:	20.4
Hole depth:	Not Reported	Source:	S
Project no:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for KINGS County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 93245

Number of sites tested: 4

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.775 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the national Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

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, 3, 5 and 6

Source: Department of Conservation

Telephone: 916-323-1779

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.