

**PHASE I
SITE
ASSESSMENT**



**PHASE I ENVIRONMENTAL
BOTW NO. 09-0510-02
SITE ASSESSMENT
GENO'S COUNTRY STORE, INC.
1000 NORTH VASCO ROAD
LIVERMORE, CALIFORNIA**

Pursuant to ASTM E 1527-05

Project No. 013-09074
April 3, 2009

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1.0 EXECUTIVE SUMMARY

Krazan & Associates, Inc. (Krazan) has conducted a Phase I Environmental Site Assessment (ESA) of the Geno's Country Store, Inc., property located at 1000 North Vasco Road in Livermore, California (subject site). Krazan conducted the Phase I ESA of the subject site in conformance with the American Society for Testing and Materials (ASTM) E 1527-05 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and Bank of the West's (BOTW's) Requirements for conducting Phase I Environmental Site Assessments. This Phase I ESA constitutes all appropriate inquiry (AAI) designed to identify recognized environmental conditions (RECs) in connection with the previous ownership and uses of the subject site as defined by ASTM E 1527-05.

ASTM E 1527-05 Section 1.1.1 *Recognized Environmental Conditions* – The term *recognized environmental conditions* means the presence or likely presence of any *hazardous substances* or *petroleum products* on a *property* under conditions that indicate an existing release, a past release, or a *material threat* of a release of any *hazardous substances* or *petroleum products* into structures on the *property* or into the ground, groundwater, or surface water on the *property*. The term includes *hazardous substances* or *petroleum products* even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not *recognized environmental conditions*.

Krazan's findings of this Phase I ESA revealed the following evidence of the following RECs, potential environmental concerns (PECs), and Historical RECs (HRECs) in connection with the subject site:

RECs

- At the time of Krazan's March 26, 2009 site reconnaissance, five former gasoline dispenser islands were observed east of the restaurant building and four former diesel dispenser islands were observed north of the restaurant building. Krazan observed evidence of three current underground storage tanks (USTs) at the subject site to the northeast and north of the restaurant

building. According to Mr. Macedo, the owner, and regulatory records on file with the Livermore Pleasanton Fire Department (LPPFD), the USTs consist of two, 15,000-gallon gasoline USTs and one, 12,000-gallon diesel UST. LPPFD is the lead regulatory agency concerning current and historical USTs and hazardous materials storage and handling for the subject site. The current USTs, dispenser islands, and associated piping were installed in 1994. According to LPPFD records, the dispensers were removed, piping sealed, and USTs temporarily abandoned in place in July 2008. LPPFD records included numerous non-compliance violations concerning the current USTs dating from 2003 to 2008. Violations ranged from non-submittal of tank/piping monitoring results to non-submittal of hazardous materials business plans. According to Mr. Macedo, the planned use of the subject site will no longer include retail sales of gasoline or diesel fuel. Based on their planned discontinued use, the USTs should be properly removed under the guidance and direction of the LPPFD and the Alameda County Department of Environmental Health Services. Based on the unknown condition and potential of impacts to soil and groundwater, the USTs, piping, and dispenser islands represent a recognized environmental condition in connection with the subject site.

- Four storm water drains were observed in the parking lot areas of the subject site. According to Mr. Macedo, the drains are located over dry wells and are not connected to the municipal stormwater system. Mr. Macedo indicated the four dry wells were installed in 1994 at the time of paving of the subject site areas surrounding the restaurant and east of the storage warehouse and automotive shop buildings. Mr. Macedo indicated that the dry wells are four to six feet in diameter and approximately 15 feet deep below ground surface (bgs). Based on the use of a portion of the subject site as an automotive repair shop, the former use of the east portion of the site as a gasoline station, shallow depth of groundwater (estimated at 7 to 10 feet bgs), and their 15 year existence, the dry wells represent a recognized environmental condition in connection with the subject site.

PECs

- Approximately 200 waste tires were observed at the west exterior of the tire automobile service and repair shop. The accumulation of tires is not considered an environmental condition, however, is considered a code compliance issue and potential regulatory environmental concern. The tires should be removed for off-site disposal by a licensed waste hauler.
- According to EDR the subject site address is listed as an ERNS and CHMIRS location due to a January 1999 listed complaint. According to EDR, the LPPFD received a citizen's complaint of oil in the north adjoining creek. According to EDR, LPPFD responded to the complaint in 1999 and identified a sheen approximately one mile long. According to Danielle Stefani, Hazardous Materials Coordinator with the LPPFD, records for spills and incidence reports are kept for seven years and the 1999 predates current records. Ms. Stefani did not recall any remedial action concerning the adjoining creek during the era of the 1999 incident. Krazan contacted the Office of Emergency Services (OES) regarding information concerning the incident; however, the OES has not responded to the information request. According to Mr. Matt Macedo, a gasoline tanker truck owned by Chevron making deliveries to the east adjoining Chevron station, overturned while attempting a U-turn east of the subject site on N. Vasco Road and stated that this may have been the reported incident. Mr. Macedo was not aware of any oil or gasoline release attributed to the subject site that has impacted the north adjoining creek. Records pertaining to a release of the adjacent creek were not identified at the Livermore Fire Dept (for the last seven years). Consequently, the status or condition of the adjacent creek relative to a petroleum release is unknown.

HREC

- Krazan reviewed an Underground Storage Tank Removal Report dated December 28, 1994, prepared by Grayland Environmental (Grayland) for Mr. Michael Walton on file with the Alameda County Department of Environmental Health Services (ACDEHS). According to the report, three 10,000-gallon gasoline USTs, one 10,000-gallon diesel UST, piping, and fuel dispensers were removed from the subject site on October 6, 1994. According to the report, the USTs had been installed in 1978 with locations described as three gasoline USTs on the eastern portion of the site and a single diesel UST on the northeastern portion of the site. The USTs were described as consisting of fiberglass construction with no visible perforations. Groundwater was present in both excavations at seven and nine feet below grade. Over-excavation of the tank pits was conducted based on visual observations of stained soil and petroleum odors. Soil samples were collected from the pit sidewalls and approximately ten feet below the former product piping lines and dispensers. Groundwater samples were collected from each tank pit. Laboratory analysis of soil samples collected from the side walls and beneath the fuel dispensers indicated elevated concentrations of total petroleum hydrocarbons as gasoline (TPH-G), total petroleum hydrocarbons as diesel (TPH-D), and benzene, toluene, ethylbenzene, and xylenes (BTEX). Groundwater analysis indicated elevated levels of TPH-G, TPH-D, and BTEX. Analysis of samples for the fuel oxygenate methyl tert-butyl ether (MTBE) was not conducted. Grayland returned to the subject site on October 19, 1994 during additional over-excavation of the tank pits. Based on soil sampling analysis, Grayland stated that the bulk of contaminated soil had been removed from the tank pits. Based on the identified impacts to groundwater, Grayland recommended groundwater monitoring wells be installed to evaluate the extent of groundwater contamination.

Krazan reviewed a Soil Sampling Monitoring Well Installation and Initial Groundwater Sampling Report dated August 16, 1995, prepared by H2OGEOL for the subject site owner. According to the report, three groundwater monitoring wells (MWs) were installed to assess impacts to groundwater by the former gasoline and diesel USTs which were removed in 1994. At the time of installation of the MWs, soil sampling was conducted at the three MW locations at a depth of seven feet below grade. The MWs were installed at a depth of approximately 15 feet below grade. Groundwater depth was noted to range from 7.60 to 8.68 feet below grade in the three MWs. Minor concentrations of TPH-D were identified in only one soil sample and in the area of the former diesel UST. No additional contaminants of concern were identified in the soil samples collected. TPH-D at a concentration of 910 milligrams per kilogram (mg/kg) was detected in MW-1 adjacent to the former diesel UST and TPH-G at concentration of 60 mg/kg was detected in MW-3 west of the former gasoline USTs. No contaminants of concern were identified in groundwater samples. H2OGEOL recommended the three MWs should be monitored quarterly for TPH-D, TPH-G, and BTEX. Additional groundwater monitoring well sampling events were conducted in November 1995, February 1996 and May 1996. TPH-D concentrations at 228 parts per billion (ppb) were identified in MW-1 in May 1996. No other contaminant of concern was identified. H2OGEOL stated that the TPH-D identified in MW-1 during the May 1996 sampling event was not consistent with the pattern of their diesel standard and was likely a result of organic acids or other biodegradation of other naturally occurring substances. Based on the results of the four groundwater sampling events, H2OGEOL recommended no further groundwater monitoring be conducted at the site. Up to 160 mg/kg of gasoline and diesel and 0.34 mg/kg of benzene exists in the soil beneath the subject site.

Based on removal of the four USTs in 1994, over-excavation of soils in the tank pits, and results of four groundwater monitoring events, the ACDEHS issued a remedial action completion certification letter for the subject site on May 2, 2000.

Based on Krazan's current site observations and LPFD closure documentation, the former USTs are considered a HREC and do not require further assessment at this time. However, during Krazan's site reconnaissance, it was noted that the three monitoring wells from the 1996 investigation were still present. It is recommended that the wells be properly abandoned/closed in accordance with State and local guidelines.

2.0 PURPOSE AND SCOPE OF ASSESSMENT

2.1 Purpose

According to ASTM E 1527-05, the purpose of this practice is to define good commercial and customary practice in the United States of America for conducting an *environmental site assessment* of a parcel of *commercial real estate* with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) and *petroleum products*. As such, this practice is intended to permit a *user* to satisfy one of the requirements to qualify for the *innocent landowner, contiguous property owner, or bona fide prospective purchaser* limitation on CERCLA liability (hereinafter, the *landowner liability protections, or LLPs*): that is, the practice that constitutes "*all appropriate inquiry* into the previous ownership and uses of the *property* consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B).

2.2 Scope of Work

The Phase I ESA includes the following scope of work: a) a site reconnaissance of existing on-site conditions and observations of adjacent property uses, b) a review of user-provided documents, (EDR), c) a review of historical aerial photographs, a review of pertinent building permit records, city directories, Sanborn Fire Insurance Maps (SFIMs), and interview with persons knowledgeable of the current ownership and uses of the subject site d) a review of local regulatory agency records and e) a review of local, state, and federal regulatory agency lists compiled by EDR. The scope of work for this Phase I ESA conforms to ASTM E 1527-05 and BOTW's Requirements for conducting Phase I Environmental Site Assessments. Krazan was provided written authorization to conduct the Phase I ESA by Ms. Georgina Dannatt of BOTW in Krazan's Proposal/Cost Estimate No. CTP09-124.

3.0 SITE DESCRIPTION

The subject site is located northwest of the intersection of Northfront Road and N. Vasco Road in Livermore, California. The subject site consists of one irregular-shaped parcel approximately 5.81 acres in size. The subject site includes one restaurant building, one warehouse/storage building, one

automobile tire and service building, one former drive-thru car wash, associated parking areas, and approximately 1.87 acres of vacant land. General property information and property use are summarized in Table I. Refer to the Vicinity and Topographic Maps (Figures No. 1 and 3, respectively) located after the Reference Section.

TABLE I
Summary of Property Information

Topographic Map:	U.S. Geological Survey, 7.5 minute Altamont, California topographic quadrangle map, dated 1981
Topographic Map Location:	Southwest quarter of Section 35, Township 2 South, Range 2 East, Mount Diablo Baseline and Meridian
Topography:	Relatively flat, approximately 530 feet above mean sea level
General Location:	Northwest of Northfront and North Vasco Roads
Assessor's Parcel Number:	099B-5075-006-08
Approximate Depth to Groundwater:	7 to 10 feet below ground surface (bgs)*
Regional Groundwater Flow Direction:	Northwest*
Existing Use:	Commercial & Vacant

* Livermore-Pleasanton Fire Department records review.

3.1 Geology and Hydrogeology

The subject site area is located in the eastern portion of the San Francisco Bay Area. The subject site is located within the Coast Ranges Geomorphic Province of California, which is characterized by northwest-trending structural features, including faults and geologic units. The subject site is reportedly underlain by Holocene medium-grained alluvium, which is described as unconsolidated, poorly sorted clay, silt, sand and gravel. The groundwater in the area is reported to be first encountered at a depth of approximately 7 to 10 feet bgs. The groundwater flow direction in the area of the subject site is generally towards the northwest.

4.0 SITE RECONNAISSANCE

A site reconnaissance, which included a visual observation of the subject site and surrounding properties, was conducted by Paul Humphrey, Krazan's Environmental Professional on March 26, 2009. Mr. Matt Macedo, General Manager and Owner of the subject site accompanied Krazan's assessor during the site reconnaissance. The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental conditions, including hazardous substances and petroleum products, in connection with the property (including soils, surface waters, and groundwater).

4.1 Observations

Table II summarizes conditions encountered during our site reconnaissance. A discussion of visual observations follows Table II. Refer to the Site Map (Figure No. 2) and color photographs following the text for the locations of items discussed in this section of the report.

TABLE II
Summary of Site Reconnaissance

Feature	Observed	Not Observed
Structures (existing)	X	
Evidence of past uses (foundations, debris)	X	
Hazardous substances and/or petroleum products (including containers)	X	
Aboveground storage tanks (ASTs)	X	
Underground storage tanks (USTs) or evidence of USTs	X	
Evidence of Underground Pipelines		X
Strong, pungent, or noxious odors		X
Pools of liquid likely to be hazardous materials or petroleum products		X
Drums	X	
Unidentified substance containers		X
Potential polychlorinated biphenyl (PCB) containing equipment		X
Subsurface hydraulic equipment		X
Heating/ventilation/air conditioning (HVAC)	X	
Stains or corrosion on floors, walls, or ceilings	X	
Floor drains and sumps	X	
Storm Drains	X	
Pits, ponds, or lagoons		X
Stained soil and/or pavement	X	
Soil Piles		X
Stressed vegetation		X
Waste or wastewater discharges to surface or surface waters on subject site (including stormwater)		X
Wells (irrigation, domestic, dry, injection, abandoned, monitoring wells)	X	
Septic Systems		X

The subject site comprises approximately 5.81 acres of commercial property with the associated Alameda County Assessor's Parcel Number (APN) of 099B-5075-006-08. The subject site is currently occupied by a restaurant, a warehouse/storage building, one former drive-thru car wash, and a tire and automobile service building. Refer to Figure No. 2, Site Map, for locations of the following referenced on-site features:

- The subject site restaurant building is located on the east portion of the parcel. A portion of this building was constructed in the mid 1970s as a bait and tackle store and nursery. The store was expanded to include a deli and a gasoline/diesel station in approximately 1978. The USTs consisted of three, 10,000-gallon gasoline USTs and one, 10,000-gallon diesel UST. The USTs, associated piping, and dispensers were removed in December 1994. See Section 6.3 *Regulatory Agency Interface* for a full discussion of this former on-site gasoline/diesel station. Three additional USTs consisting of two, 15,000-gallon gasoline USTs and one, 12,000-gallon diesel UST were installed to the northeast and north of the restaurant building in 1994. According to Matt Macedo, General Manager and owner of the subject site, gasoline/diesel station operations ceased in July 2008 and the building was completely converted to a restaurant and bar. See below for a discussion of the current USTs.

- At the time of Krazan's March 26, 2009 site reconnaissance, three monitoring wells were observed on the east portion of the parcel in the area of the former 1978 to 1994 era USTs. According to local regulatory agency information, the wells were utilized to assess impacts to groundwater by a release associated with the 1978 to 1994 era USTs and are no longer being monitored, with the investigation having been issued a closed status. See Section 6.3 Regulatory Agency Interface for a full discussion of the 1978 to 1994 era USTs and monitoring wells.
- At the time of Krazan's March 26, 2009 site reconnaissance, five gasoline dispenser islands were observed east of the restaurant building and four diesel dispenser islands were observed north of the restaurant building. Krazan observed evidence of three current USTs at the subject site northeast and north of the restaurant building. According to Mr. Macedo and regulatory records with the Livermore Pleasanton Fire Department (LFPD), the USTs consist of two, 15,000-gallon gasoline USTs and one, 12,000-gallon diesel UST. LFPD is the lead regulatory agency concerning current and historical USTs and hazardous materials storage and handling. The current USTs, dispenser islands, and associated piping were installed in 1994. According to LFPD records, the dispensers were removed, piping sealed, and USTs temporarily abandoned in place in July 2008. LFPD records included numerous non-compliance violations concerning the current USTs dating from 2003 to 2008. Violations ranged from non-submittal of tank/piping monitoring results to non-submittal of hazardous materials business plans. According to Mr. Macedo, the planned use of the subject site will no longer include retail sales of gasoline or diesel fuel.
- The warehouse/storage building is located on the central north portion of the subject site. According to Mr. Macedo, this structure was constructed in the late 1980s and has been utilized for storage of the owner's recreational vehicle and restaurant equipment since construction. Mr. Macedo stated that stored material has been limited to personal items of the subject site owners and restaurant supplies and equipment. No evidence of hazardous materials or floor drains was observed within this structure at the time of Krazan's reconnaissance.
- One drive-thru single-car car wash was observed on the southeast portion of the subject site. The car wash was not in use and according to Mr. Macedo has ceased to be utilized since sometime in 2008. One oil/sand separator sump was observed in the car wash. Krazan was unable to open the lid of the sump at the time of the site visit. According to Mr. Macedo, the sump was pumped and cleaned out periodically prior to 2008 on an as-needed basis. Krazan contacted the City of Livermore Public Works Department (CLPUD). CLPUD personnel stated that the site is connected to the City of Livermore sanitary sewer and indicated that only industrial facilities and restaurants are monitored for sewer violations and no sewer violations are on file for the subject site. Based on this information, the oil/water separator is not considered an environmental condition.
- The automobile tire and service building is located on the central west portion of the subject site. Mr. Macedo stated that this structure was constructed in 1984. This structure included five service bays with activities consisting of a tire shop and minor automobile service and repair. The following features/materials were observed in association with this structure:
 - Hazardous materials observed within the automotive service area included one 55-gallon drum of waste oil from waste oil filters, one 55-gallon drum of oily rags, two 35-gallon drums of grease, two 400-gallon new oil ASTs, one 300-gallon waste oil AST, one 250-gallon plastic AST containing new coolant, and one 250-gallon plastic AST containing waste coolant. The referenced drums and containers were observed to be resting on the AC pavement along the east wall of the building. *De minimis* surface staining was observed on the AC pavement beneath the drums and containers. Mr. Ken Limtiaco, owner of the tire and

automobile service and repair business stated that waste oil, coolant, and waste oil filters are removed for off-site disposal by Evergreen. Only aboveground vehicle lifts were observed in the service area.

- Approximately 200 waste tires were observed at the west exterior of the tire automobile service and repair shop. The accumulation of tires is not considered an environmental condition, however, is considered a code compliance issue and potential regulatory environmental concern
- Four stormwater drains were observed in the parking lot areas of the subject site. According to Mr. Macedo, the drains are located over dry wells and are not connected to the municipal stormwater system. Mr. Macedo indicated the four dry wells were installed in 1994 at the time of paving of the subject site areas surrounding the restaurant and east of the storage warehouse and automotive shop buildings. Mr. Macedo indicated that the dry wells are four to six feet in diameter and approximately 15 feet deep below ground surface.
- The subject site included approximately 1.87 acres of vacant land located on the west portion of the site. The vacant land consisted of non-native grasses and a few bushes and trees. No stains, spills, stressed vegetation, or hazardous materials storage or use was observed.
- One pad-mounted electrical transformer was observed at the west exterior of the restaurant building. The transformer casing displayed no visual evidence of leakage and the ground surface below the transformers displayed no evidence of discoloration. Based on Krazan's observations, the Pacific Gas & Electric (PG&E) company is the owner of the transformer. However, PG&E has not responded to Krazan's request pertaining to the date of installation of the transformer. It is unknown if the transformer contains polychlorinated biphenyl (PCB) fluids. However based on the initial development of the subject site in 1981, it is unlikely the transformer contain PCBs. Based on the visual absence of apparent unauthorized releases of insulating fluids from the transformer at the time of Krazan's site reconnaissance, there is no evidence to suggest that the transformer has posed an adverse impact to the subject site. However, in the event of a future release/leak of insulating fluids from the transformer, PG&E should be contacted regarding the testing of the transformer. No other potential PCB-containing equipment was observed at the subject site.

4.2 Adjacent Streets and Property Usage

Table III summarizes the current adjacent roads and adjacent property uses observed during the site reconnaissance.

TABLE III
Adjacent Streets and Property Use

Direction	Adjacent Street	Adjacent Property Use
North	None	Creek, vacant land, rural residence
South	None	Vacant land, single-family residences
East	North Vasco Road	Chevron gasoline station, Quick Stop gasoline station
West	Central Avenue	Single-family residences

Based on the observed uses of the properties located immediately adjacent to the subject site, it is likely that quantities of hazardous materials are stored at the adjacent properties to the east. Due to proximity to the subject site, the east adjacent Chevron and Quick Stop Gasoline Stations have the potential to present

a recognized environmental condition in connection with the subject site in the event of a significant unauthorized release of fuel from the Chevron and Quick Stop Gasoline Stations underground fuel system. Based on Krazan's review of regulatory records, the Chevron and Quick Stop Gasoline Stations underground fuel system is not currently anticipated to present a recognized environmental condition in connection with the subject site due to absence of documented unauthorized releases of fuel on file with Livermore Pleasanton Fire Department, the lead regulatory agency for underground storage tank facilities in the City of Livermore. In the event of a significant unauthorized release of fuel at the Chevron and Quick Stop Gasoline Stations, potential subsurface assessments or remediation associated with an underground fuel release would be the responsibility of the Chevron and Quick Stop Gasoline Station property owners.

4.3 Asbestos-Containing Building Materials

The structures located on the subject site were constructed in approximately 1981, 1984, the late 1980s and 1994. It is unknown if the on-site structures contain asbestos-containing building materials (ACBMs). An asbestos survey and sampling of the on-site structures was not included within the scope of this assessment. During Krazan's site reconnaissance, no damaged building materials which appeared to be posing a health hazard, were noted in the on-site structure. Based on the dates of construction, Krazan's observations, and non-residential use of the subject site ACBMs are not considered a significant environmental concern.

4.4 Potable Water Source

The water purveyor for the subject site is the City of Livermore. The City of Livermore's water quality monitoring is an on-going program with water samples obtained on a regular basis. It is the responsibility of the City of Livermore to provide customers with potable water in compliance with the California State Maximum Contaminant Levels (MCLs) for primary drinking water constituents in water supplied to the public. On April 1, 2009, the City of Livermore Public Utilities Department (CLPUD) was contacted regarding potable water service for the subject site. According to representatives of the CLPUD, potable water service has been provided to the subject site by the CLPUD since at least prior to 2004. However, according to CLPUD personnel, first initial connection to CLPUD's water supply could not be identified due to loss of records and limited computer information. According to Mr. Matt Macedo, potable water has been provided by the CLPUD to the subject site since development. According to CLPUD personnel, water supplied to the subject site meets with State and Federal drinking water standards.

4.5 Sewage Disposal System

According to Mr. Macedo, the subject site is currently connected to the City of Livermore sanitary sewer, however, had previously utilized an on-site septic system. Mr. Macedo stated that the site was connected to the city sanitary sewer system in 1992. Mr. Macedo could not verify the location of a former septic system. Krazan contacted the CLPUD. CLPUD personnel stated that the site is connected to the City of Livermore sanitary sewer and indicated that only industrial facilities and restaurants are monitored for sewer violations and no sewer violations are on file for the subject site. The former use of a septic system is not anticipated to adversely impact the subject site due to its presumed use by on-site restrooms and restaurant and not industrial purposes. If a septic system is identified during the redevelopment of the subject site, it should be properly abandoned/closed or destroyed in accordance with State and local guidelines.

5.0 USER-PROVIDED INFORMATION

5.1 Title Report

A Title Report was not provided to Krazan during the course of this assessment. The absence of the Title Report represents a data gap.

5.2 Environmental Lien Search Report

An Environmental Lien Search was not provided to or prepared by Krazan during the course of this assessment. The absence of an Environmental Lien Search Report represents a data gap.

5.3 Phase I Environmental Site Assessment User Questionnaire

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *Brownfields Amendments*), the *user* must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that *all appropriate inquiry* is not complete. The user is asked to provide information or knowledge of the following:

1. Environmental cleanup liens that are filed or recorded against the site.
2. Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry.
3. Specialized knowledge or experience of the person seeking to qualify for the LLPs.

4. Relationship of the purchase price to the fair market value of the *property* if it were not contaminated.
5. Commonly known or *reasonably ascertainable* information about the *property*.
6. The degree of obviousness of the presence or likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation.
7. The reason for preparation of this Phase I ESA.

A completed questionnaire was not received from the User. However, an interview was conducted with Mr. Matt Macedo, General Manager and owner of the subject site. Refer to Section 6.1 for a discussion of the interview responses.

6.0 SITE USAGE SURVEY

The property usage survey included assessing property history, and reviewing local, state, and federal regulatory agency records.

6.1 Site History

A review of historical aerial photographs, City of Livermore Building Department records, reasonably ascertainable Haines Criss-Cross Directories (HCCDs), and a Phase I ESA interview was conducted with the present owner to assess the history of the subject site.

Aerial Photograph Interpretation

Historical aerial photographs dated 1940, 1950, 1959, 1965, 1974, 1982, 1993, 1998, and 2005 were reviewed to assess the history of the subject site. These photographs were obtained from Environmental Data Resources, Inc., (EDR). Aerial Photographs are included in Appendix A. The aerial photograph summary is provided below in Table IV.

TABLE IV
Summary of Aerial Photograph Review

Year/Scale	Site Use	Site and Adjacent Property Observation
1940 1" = 555'	Agricultural	The subject site appears to be utilized for agricultural purposes with no visible on-site structures. Adjacent properties appear to be occupied by rural dwellings and utilized for agricultural purposes. A seasonal streambed is visible along a portion of the north boundary of the site.
1950 1" = 555'	Agricultural	Conditions on the subject site and the adjacent properties appear relatively similar to those noted in the 1940 aerial photograph.

TABLE IV (cont.)
Summary of Aerial Photograph Review

Year/Scale	Site Use	Site and Adjacent Property Observation
1959 1" = 555'	Agricultural	The subject site appears to be utilized for agricultural or cattle grazing purposes with no visible on-site structures. Conditions on the adjacent properties appear relatively similar to those noted in the 1950 aerial photograph.
1965 1" = 333'	Agricultural	Conditions on the subject site and the adjacent properties appear relatively similar to those noted in the 1959 aerial photograph. Additional residences are now located on the south adjoining property.
1974 1" = 601'	Vacant	The subject site appears to be vacant land with no visible on-site structures. Conditions on the adjacent properties appear relatively similar to those noted in the 1965 aerial photograph.
1982 1" = 690'	Commercial, Vacant	The subject site appears to be occupied by two commercial structures on the east portion of the site. The structures appear in the same configuration as a gasoline station and canopy identified in historical regulatory documentation. The west portion of the subject site appears as vacant land. Conditions on the adjacent properties appear relatively similar to those noted in the 1974 aerial photograph.
1993 1" = 666'	Commercial, Vacant	The subject site appears to be occupied by two commercial structures on the east portion of the site as in the 1982 photograph. The central portion of the subject site is occupied by two commercial structures in the same configuration as the warehouse/storage building and automotive shop observed at the site of the current site reconnaissance. The west portion of the subject site appears as vacant land. Conditions on the north, south, and west adjacent properties appear relatively similar to those noted in the 1982 aerial photograph. The east adjoining property, beyond N. Vasco Road, appears as occupied by a gasoline station and vacant land.
1998 1" = 666'	Commercial, Vacant	The subject site appears to be occupied by one commercial building and two canopies on the east portion of the site. The central and west portions of the subject site appear as in the 1993 photograph. Conditions on the north, east, and south adjacent properties appear relatively similar to those noted in the 1993 photograph. The west adjoining property appears as Central Avenue, beyond which are single-family residences.
2005 1" = 484'	Commercial, Vacant	Conditions on the subject site and the north, south, and west adjacent properties appear relatively similar to those noted in the 1998 aerial photograph. The east adjoining property, beyond N. Vasco Road, appears as occupied by two gasoline stations.

City of Livermore Building Department Records

On March 26, 2009, the CLBD was visited to obtain building permit records for the subject site addresses of 1000 and 1012 N. Vasco Road. According to a representative of the CLBD, numerous building permit records are on file with the CLBD for the subject site and are listed below in Table V, including date of issue, type of record, and a brief description if applicable. Copies of building records are included in Appendix B.

TABLE V
Summary of Building Department Records

Date	Record Type	Description
1000 N. Vasco Road		
1984	Electrical permit	Upgrade sub-panel for deli/gasoline station
1998	Grading/paving permit	Paving, landscaping
1999	Addition permit	Addition to store
2007	Final inspection	New restaurant
2008	Demolition	Fuel islands
1012 N, Vasco Road		
1999	Final inspection	Tenant improvement – auto shop

Haines Criss-Cross Directories

Reasonably ascertainable HCCDs dated 1972, 1973, 1974, 1978, 1983, 1988, 1993, 1998, and 2003 were reviewed at the Alameda County Public Library, Fremont Branch located in Fremont, California for the subject site addresses of 1000 and 1012 N. Vasco Road. A summary of HCCDs information is presented below in Table VI.

TABLE VI
Haines Criss-Cross Directory Summary

Address	Owner/Occupant	Years
1000 N. Vasco Road		
	No listing	1972, 1973, 1974
	Las Positas Bait, Vasco Road Nursery	1978
	Auction Unlimited, Geno's Deli, Las Positas Bait, Vasco Road Nursery	1988
	Geno's Deli, Las Positas Bait, Vasco Road Nursery	1993
	Geno's Country Store	1998, 2003
1012 N. Vasco Road		
	No listing	1972, 1973, 1974, 1978, 1983, 1988, 1993
	Ken's Tire	1998
	Ken's Tire & Lube	2003

Sanborn Fire Insurance Maps

Krazan reviews SFIMs to evaluate prior land use of the subject site and the adjacent properties. SFIMs typically exist for cities with populations of 2,000 or more, the coverage dependent on the location of the subject site within the city limits. On March 20, 2009, Krazan contracted with EDR to provide copies of available SFIMs for the subject site and the adjacent properties as far back as 1867. EDR's search of SFIMs revealed no coverage for the subject site and the adjacent properties. Refer to Appendix C for a copy of the EDR Certified SFIM *Unmapped Property* Report.

Phase I Environmental Site Assessment Interview - Owner

On March 26, 2009, a Phase I ESA interview was conducted with Mr. Matt Macedo, General Manager and owner of the subject site. The interview is designed to provide pertinent information regarding potential environmental impacts associated with the subject site.

During the interview, Mr. Macedo stated that he has been familiar with the subject site for the past 36 years and that the subject site was vacant land prior to development as a store and nursery in 1978. Mr. Macedo stated that a gasoline/diesel station was added to the east portion of the subject site in 1981 and the warehouse type buildings were added to the central portion of the site in 1984 and the late 1980s. Mr. Macedo indicated that the gasoline/diesel station was upgraded in 1994 or 1995 with the original USTs being replaced at that time. Mr. Macedo indicated that three monitoring wells associated with investigation of the 1994/1995 UST removal were still located on the subject site, however, the investigation had received regulatory closure. Mr. Macedo indicated that the USTs which were removed in 1994/1995 and the current three USTs were the only USTs to be located on the subject site. See Section 6.3 *Regulatory Agency Interface* for a full discussion of this former on-site gasoline/diesel station. Mr. Macedo stated that the current USTs were no longer in use as of July 2008. See Section 4.1 *Observations* for a full discussion of the current USTs.

Mr. Macedo indicated that the warehouse/storage building located on the central north portion of the subject site was constructed in the late 1980s and has been utilized for storage since construction. Mr. Macedo stated that stored material has been limited to personal items of the subject site owners and restaurant supplies and equipment.

Mr. Macedo indicated the automobile tire and service building located on the central west portion of the subject site was constructed in 1984 as a storage building. Mr. Macedo indicated that tire and automobile service activities at this structure started in 1998.

Four stormwater drains were observed in the parking lot areas of the subject site. According to Mr. Macedo, the drains are located over dry wells and are not connected to the municipal stormwater system. Mr. Macedo indicated the four dry wells were installed in 1994 at the time of paving of the subject site areas surrounding the restaurant and east of the storage warehouse and automotive shop buildings. Mr. Macedo indicated that the dry wells are four to six feet in diameter and approximately 15 feet deep below ground surface.

According to Mr. Macedo, to the best of his knowledge, no on-site treatment of waste; no on-site leach fields, or disposal ponds; no buried materials; no domestic or irrigation wells; no environmental liens, AULs, engineering or institutional controls, or any items of environmental concern are associated with the subject site.

Phase I Environmental Site Assessment Interview - Previous Owner

A Phase I ESA interview with the previous owner of the subject site was not reasonably ascertainable. Consequently, information regarding the history and historical uses of the subject site obtained from an interview of a previous owner constitutes a data gap.

6.2 Agricultural Chemicals

Review of historical aerial photographs indicates the subject site was utilized for agricultural purposes from at least 1940 to 1965. It is not known if environmentally persistent pesticides/herbicides have been applied to the subject site in the past. However, generally, Krazan's sampling and analysis of surface soils from properties with similar agricultural histories has typically yielded non-detectable results for analysis of environmentally persistent pesticides/herbicides. Therefore, the potential for elevated concentrations of environmentally persistent pesticides/herbicides to exist in the near-surface soils of the subject site, which would require regulatory action, is low.

6.3 Regulatory Agency Interface

A review of regulatory agency records was conducted to help determine if hazardous materials have been handled, stored, or generated on the subject site and/or the adjacent properties and businesses.

Regulatory records are reviewed based on the following criteria: 1) properties with known groundwater contamination that are located within 500 feet of the subject site; 2) properties that are adjacent or in proximity to the subject site included within the EDR report or noted during the site reconnaissance to possibly handle, store, or generate hazardous materials. Applicable property records are discussed below.

Alameda County Department of Environmental Health Services

On March 20, 2009, the Alameda County Department of Environmental Health Services (ACDEHS) was contacted regarding potential records associated with USTs, leaking underground storage tanks (LUSTs), hazardous materials business plans (HMBPs) for the subject site and the adjacent properties. According to a representative of the ACDEHS, UST and LUST records are on file with the ACDEHS for the subject site which is discussed below.

Geno's Deli
1000 N. Vasco Road

Subject Site

According to the ACDEHS, the subject site is listed as a UST and LUST facility. ACDEHS records included a remedial action completion certification letter, tank closure documentation, and a case closure letter concerning the removal and subsequent investigation of three gasoline USTs and one diesel UST removed at the subject site in 1994. ACDEHS records indicated that the investigation included installation and one year of quarterly sampling of three groundwater monitoring wells, however, did not include the monitoring reports and detailed removal and remediation reports. No records concerning the current USTs were identified with the ACDEHS. According to ACDEHS personnel, the Livermore Pleasanton Fire Department is the current lead regulatory agency concerning current and historical USTs and hazardous materials storage and handling. For a discussion of the historical USTs, prior investigations, and current USTs, see *Livermore Pleasanton Fire Department* section below.

California Regional Water Quality Control Board

Krazan's March 20, 2009 review of the California Regional Water Quality Control Board (RWQCB) Geotracker leaking underground fuel tank (LUFT) database available via the RWQCB Internet Website indicated that a LUFT record is on file with the RWQCB for the subject site. The subject site was listed as case closed LUFT facility identified as Geno's Deli. Regulatory activities were listed as leak reported and notice of responsibility in October 1994 with remediation consisting of excavation and treatment dated September 1999. The subject site was identified as receiving case closure by the ACDEHS on May 22, 2000. No remedial action documents, maps, or environmental data were available for the subject site LUFT case. Krazan contacted the San Francisco RWQCB office on March 20, 2009 and was informed by RWQCB personnel that RWQCB records concerning the subject site were limited to information available via the RWQCB Internet Website. For a discussion of the historical USTs, prior investigations, and current USTs, see *Livermore Pleasanton Fire Department* section below.

None of the adjacent properties, or properties located within 500 feet of the subject site was identified as having LUFT records.

California Environmental Protection Agency, Department of Toxic Substances Control

Krazan's March 20, 2009 review of the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) Envirostor California cleanup sites database available via the DTSC Internet Website indicated that no records of cleanup sites are on file with the DTSC for the subject site, the adjacent properties, or properties located within 500 feet of the subject site. Additionally, no Federal Superfund National Priorities List (NPL) sites were determined to be located within a one-mile radius of the subject site.

Livermore Pleasanton Fire Department

On March 20, 2009, the Livermore Pleasanton Fire Department (LPFD) was contacted regarding potential records of USTs, historical hazardous/flammable permits, hazardous material handling, or hazardous/flammable incidents for the subject site. The following is a summary of LPFD records concerning the subject site. The Livermore-Pleasanton Fire Department/Alameda County Records is included in Appendix D.

- Krazan reviewed an Underground Storage Tank Removal Report dated December 28, 1994, prepared by Grayland Environmental (Grayland) for Mr. Michael Walton. According to the report, three 10,000-gallon gasoline USTs, one 10,000-gallon diesel UST, piping, and dispensers were removed from the subject site October 6, 1994. According to the report, the USTs had been installed in 1978 with locations described as three gasoline USTs on the eastern portion of the site and a single diesel UST on the northeastern portion of the site. The USTs were described as consisting of fiberglass construction with no visible perforations. Groundwater was present in both excavations at seven and nine feet below grade. Over-excavation of the tank pits was conducted based on visual observations of stained soil and petroleum odors. Soil samples were collected from the pit sidewalls and approximately ten feet below the former product piping lines and dispensers. Groundwater samples were collected from each tank pit. Laboratory analysis of soil samples from the side walls and beneath the fuel dispensers indicated elevated concentrations of total petroleum hydrocarbons as gasoline (TPH-G), total petroleum hydrocarbons as diesel (TPH-D), benzene, toluene, ethylbenzene, and xylenes (BTEX). Groundwater analysis indicated elevated levels of TPH-G, TPH-D, and BTEX. Analysis of samples for the fuel oxygenate methyl tert-butyl ether (MTBE) was not conducted. Grayland returned to the subject site on October 19, 1994 during additional over-excavation of the tank pits. Based on soil sampling analysis, Grayland stated that the bulk of contaminated soil had been removed from the tank pits. Based on the identified impacts to groundwater, Grayland recommended groundwater monitoring wells be installed to evaluate the extent of groundwater contamination.
- Krazan reviewed a Soil Sampling Monitoring Well Installation and Initial Groundwater Sampling Report dated August 16, 1995, prepared by H2OGEOL for the subject site owner. According to the report, three groundwater monitoring wells (MWs) were installed to assess impacts to groundwater by the former gasoline and diesel USTs which were removed in 1994. At the time of installation of the MWs, soil sampling was conducted at the three MW locations at a depth of seven feet below grade. The MWs were installed at a depth of approximately 15 feet below grade. Groundwater depth was noted to range from 7.60 to 8.68 feet below grade in the three MWs. Minor concentrations of TPH-D were identified in only one soil sample and in the area of the former diesel UST. No additional contaminants of concern were identified in the soil samples collected. TPH-D at a concentration of 910 milligrams per kilogram (mg/kg) was detected in MW-1 adjacent to the former diesel UST and TPH-G at concentration of 60 mg/kg was detected in MW-3 west of the former gasoline USTs. No contaminants of concern were identified in groundwater samples. H2OGEOL recommended the three MWs should be monitored quarterly for TPH-D, TPH-G, and BTEX. Additional groundwater monitoring well sampling events were conducted in November 1995, February 1996 and May 1996. TPH-D concentrations at 228 parts per billion (ppb) were identified in MW-1 in May 1996. No other contaminant of concern was identified. H2OGEOL stated that the TPH-D identified in MW-1 during the May 1996 sampling event was not consistent with the pattern of their diesel standard and was likely a result of organic acids or other biodegradation of other naturally occurring substances. Based on the results of the four groundwater sampling events, H2OGEOL recommended no further groundwater monitoring be conducted at the site. Up to 160 mg/kg of gasoline and diesel and 0.34 mg/kg of benzene exists in the soil beneath the subject site.

- Based on removal of the four USTs in 1994, over-excavation of soils in the tank pits, and results of four groundwater monitoring events, the ACDEHS, the lead agency at that time, issued a remedial action completion certification letter for the subject site on May 22, 2000.
- According to LPFD records, the current subject site USTs consist of two, 15,000-gallon gasoline USTs and one, 12,000-gallon diesel UST. The current USTs, dispenser islands, and associated piping were installed in 1994. According to LPFD records, the dispensers were removed, piping sealed, and USTs temporarily abandoned in place in July 2008. LPFD records included numerous non-compliance violations concerning the current USTs dating from 2003 to 2008. Violations ranged from non-submittal of tank/piping monitoring results to non-submittal of hazardous materials business plans. According to Mr. Macedo, the planned use of the subject site will no longer include retail sales of gasoline or diesel.
- Records pertaining to a release of the adjacent creek were not identified at the Livermore Fire Dept (for the last seven years).

Local Area Tribal Records

No Indian reservations, USTs on Indian land, or leaking USTs (LUSTs) on Indian land were reported on the subject site, adjacent properties, or vicinity properties in the EDR-provided government database report.

California Department of Conservation, Division of Oil and Gas

Based on Krazan's review of the California Department of Conservation, Division of Oil and Gas (DOG) Wildcat Map #608, no plugged and abandoned or producing oil wells were determined to be located on or adjacent to the subject site.

6.4 Regulatory Agency Lists Review

Several agencies have published documents that list businesses or properties which have handled hazardous materials or waste or may have experienced site contamination. The lists consulted in the course of our assessment were compiled by EDR and Krazan on March 20, 2009, and represent reasonably ascertainable current listings. Krazan did not verify the locations and distances of every property listed by EDR. Krazan verified the location and distances of the properties Krazan deemed as having the potential to adversely impact the subject site. The actual location of the listed properties may differ from the EDR listing. Table VII summarizes the listed properties located within the ASTM Search Radii. The actual distances of the listed properties (which are summarized in Table VII) are based on observations during Krazan's site reconnaissance. No EDR-listed unmapped (orphan) sites were determined to be located on or adjacent to the subject site. The EDR Radius Map report is included in Appendix E.

**TABLE VIII
Listed Properties**

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>
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</i>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS		0.500	0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS		1.000	0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	X	TP	NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE		1.000	0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR		1.000	0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF		0.500	0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	X	0.500	0	1	1	NR	NR	2
SLIC		0.500	0	0	0	NR	NR	0
CS	X	0.500	0	1	1	NR	NR	2

TABLE VIII (cont.)
Listed Properties

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
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST		0.250	0	0	NR	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP		0.500	0	0	0	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
HAULERS		TP	NR	NR	NR	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
HIST Cal-Sites		1.000	0	0	0	0	NR	0
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	X	0.250	0	1	NR	NR	NR	1
HIST UST	X	0.250	0	1	NR	NR	NR	1
SWEEPS UST	X	0.250	0	1	NR	NR	NR	1
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
LIENS		TP	NR	NR	NR	NR	NR	0
DEED		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
CHMIRS	X	TP	NR	NR	NR	NR	NR	0
LDS		TP	NR	NR	NR	NR	NR	0
MCS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0

TABLE VIII (cont.)
Listed Properties

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
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN		1.000	0	0	0	0	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
Cortese	X	0.500	0	1	1	NR	NR	2
Notify 65		1.000	0	0	0	1	NR	1
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
HAZNET	X	TP	NR	NR	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0
NOTES:								
TP = Target Property								
NR = Not Requested at this Search Distance								
Sites may be listed in more than one database								

Ken's Tire Service, Geno's Country Store

Subject Site

1000 N. Vasco Road

According to EDR, the on-site tenant identified as Ken's Tire Service and Geno's Country Store are both listed as HAZNET facilities. According to interview information with Mr. Ken Limtiaco, owner of Ken's Tire Service, and DTSC manifest records, Ken's Tire Service is listed as a HAZNET facility due to generation of waste oils and coolant. According to interview information from Mr. Matt Macedo and DTSC manifest records, Geno's Country Store is listed as a HAZNET facility due to former generation of waste from the oil/sand separator of the car wash and the 1994 UST removal. Based on the nature of the listing of the subject site as a HAZNET facility, no further action is warranted.

Geno's Country Store
1000 N. Vasco Road

Subject Site

According to EDR, the subject site is listed as a LUST, HIST UST, Cortese, CA FID UST, and SWEEPS UST facility. For a discussion of the historical USTs, prior investigations, and current USTs, see Section 6.3 *Regulatory Agency Interface, Livermore Pleasanton Fire Department*.

Creek Area
1000 N. Vasco Road

North Adjacent Creek

According to EDR the subject site address is listed as an ERNS and CHMIRS location due to a January 1999 listed complaint. According to EDR, the LPPD received a citizen's complaint of oil in the north adjoining creek. According to EDR, LPPD responded to the complaint in 1999 and identified a sheen approximately one mile long. According to Danielle Stefani, Hazardous Materials Coordinator with the LPPD, records for spills and incidence reports are kept for seven years and the 1999 predates current records. Ms. Stefani did not recall any remedial action concerning the adjoining creek during the era of the 1999 incident. Krazan contacted the Office of Emergency Services (OES) regarding information concerning the incident, however, the OES has not responded to the information request. According to Mr. Matt Macedo, a gasoline tanker truck owned by Chevron making deliveries to the east adjoining Chevron station, overturned while attempting a U-turn east of the subject site on N. Vasco Road and stated that this may have been the reported incident. Mr. Macedo was not aware of any oil or gasoline release attributed to the subject site that has impacted the north adjoining creek. Records pertaining to a release of the adjacent creek were not identified at the Livermore Fire Dept (for the last seven years). Consequently, the status or condition of the adjacent creek relative to a petroleum release is unknown.

The remaining properties within the specified search radius of the subject site which appeared on local, state, or federally published lists of sites that use or have had releases of hazardous materials are of sufficient distance and/or situated hydraulically cross- or downgradient from the subject site such that impact to the subject site is not likely.

No engineering control sites, sites with institutional controls, or sites with deed restrictions were listed for the subject site, adjacent sites or vicinity properties in the EDR-provided government database report.

7.0 DISCUSSION OF FINDINGS

Current and Historical Uses:

Based on Krazan's review of historical aerial photographs, a site reconnaissance, and contacts with the local regulatory agencies and the owner of the subject site, the following evidence of recognized environmental conditions and potential environmental conditions exist in connection with the current and historical uses of the subject site:

- At the time of Krazan's March 26, 2009 site reconnaissance, five former gasoline dispenser islands were observed east of the restaurant building and four former diesel dispenser islands were observed north of the restaurant building. Krazan observed evidence of three current underground storage tanks (USTs) at the subject site to the northeast and north of the restaurant building. According to Mr. Macedo, the owner, and regulatory records on file with the Livermore Pleasanton Fire Department (LFPD), the USTs consist of two, 15,000-gallon gasoline USTs and one, 12,000-gallon diesel UST. LFPD is the lead regulatory agency concerning current and historical USTs and hazardous materials storage and handling for the subject site. The current USTs, dispenser islands, and associated piping were installed in 1994. According to LFPD records, the dispensers were removed, piping sealed, and USTs temporarily abandoned in place in July 2008. LFPD records included numerous non-compliance violations concerning the current USTs dating from 2003 to 2008. Violations ranged from non-submittal of tank/piping monitoring results to non-submittal of hazardous materials business plans. According to Mr. Macedo, the planned use of the subject site will no longer include retail sales of gasoline or diesel fuel. Based on their planned discontinued use, the USTs should be properly removed under the guidance and direction of the LFPD and the Alameda County Department of Environmental Health Services. Based on the unknown condition and potential of impacts to soil and groundwater, the USTs, piping, and dispenser islands represent a recognized environmental condition in connection with the subject site.
- Four storm water drains were observed in the parking lot areas of the subject site. According to Mr. Macedo, the drains are located over dry wells and are not connected to the municipal stormwater system. Mr. Macedo indicated the four dry wells were installed in 1994 at the time of paving of the subject site areas surrounding the restaurant and east of the storage warehouse and automotive shop buildings. Mr. Macedo indicated that the dry wells are four to six feet in diameter and approximately 15 feet deep below ground surface (bgs). Based on the use of a portion of the subject site as an automotive repair shop, the former use of the east portion of the site as a gasoline station, shallow depth of groundwater (estimated at 7 to 10 feet bgs), and their 15 year existence, the dry wells represent a recognized environmental condition in connection with the subject site.

PECs

- Approximately 200 waste tires were observed at the west exterior of the tire automobile service and repair shop. The accumulation of tires is not considered an environmental condition, however, is considered a code compliance issue and potential regulatory environmental concern. The tires should be removed for off-site disposal by a licensed waste hauler.
- According to EDR the subject site address is listed as an ERNS and CHMIRS location due to a January 1999 listed complaint. According to EDR, the LFPD received a citizen's complaint of oil in the north adjoining creek. According to EDR, LFPD responded to the complaint in 1999 and identified a sheen approximately one mile long. According to Danielle Stefani, Hazardous Materials Coordinator with the LFPD, records for spills and incidence reports are kept for seven years and the 1999 predates current records. Ms. Stefani did not recall any remedial action concerning the adjoining creek during the era of the 1999 incident. Krazan contacted the Office of Emergency Services (OES) regarding information concerning the incident, however, the OES has not responded to the information request. According to Mr. Matt Macedo, a gasoline tanker truck owned by Chevron making deliveries to the east adjoining Chevron station, overturned while attempting a U-turn east of the subject site on N. Vasco Road and stated that this may have been the reported incident. Mr. Macedo was not aware of any oil or gasoline release attributed to the subject site that has impacted the north adjoining creek. Records pertaining to a release of the adjacent creek were not identified at the Livermore Fire Dept (for the last seven years). Consequently, the status or condition of the adjacent creek relative to a petroleum release is unknown.

Adjacent Properties:

Based on Krazan's field observations, review of the EDR Radius Map report, and consultation with local regulatory agencies, there is no evidence that recognized environmental conditions exist in connection with the subject site from adjacent property uses. However, due to proximity to the subject site, the east adjacent Chevron and Quick Stop Gasoline Stations have the potential to present a recognized environmental condition in connection with the subject site in the event of a significant unauthorized release of fuel from the Chevron and Quick Stop Gasoline Stations underground fuel system. Based on Krazan's review of regulatory records, the Chevron and Quick Stop Gasoline Stations underground fuel system is not currently anticipated to present a recognized environmental condition in connection with the subject site due to absence of documented unauthorized releases of fuel on file with Livermore Pleasanton Fire Department, the lead regulatory agency for underground storage tank facilities in the city of Livermore. In the event of a significant unauthorized release of fuel at the Chevron and Quick Stop Gasoline Stations, potential subsurface assessments or remediation associated with an underground fuel release would be the responsibility of the Chevron and Quick Stop Gasoline Station property owners.

7.1 Evaluation of Data Gaps/Data Failure

In accordance with ASTM E 1527-05 guidance, data gaps represent a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice. Data failure represents the failure to achieve the historical research objectives of this practice even after reviewing the standard historical sources that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap.

The following is a summary of data gaps encountered in the process of preparing this report including an observation as to the presumed significance of that data gap to the conclusions of this assessment.

- Absence of Final Title Report or Environmental Lien Search
A Final Title Report or Environmental Lien Search was not provided by the Phase I ESA User, therefore a data gap exists. Taken in consideration with the available information obtained in the course of preparing this report in conjunction with professional experience, there is no evidence to suggest that this data gap might alter the conclusions of this assessment. However, the contents of a Final Title Report or Environmental Lien Search are unknown.
- Absence of Interview with Previous Property Owner
A Phase I ESA interview with the previous owner of the subject site was not reasonably ascertainable. Consequently, information regarding the history and historical uses of the subject

site obtained from an interview of a previous owner constitutes a data gap. Taken in consideration with the available information obtained in the course of preparing this report in conjunction with professional experience, there is no evidence to suggest that this data gap might alter the conclusions of this assessment. However, the contents of an interview with a previous property owner are unknown.

- Absence of Regulatory Response

Krazan contacted the Office of Emergency Services (OES) regarding information concerning the ERNS and CHMIRS oil spill incident associated with the subject site, however, the OES has not responded to the information request, which represents a data gap. Mr. Macedo was not aware of any oil or gasoline release attributed to the subject site that has impacted the north adjoining creek. Records pertaining to a release of the adjacent creek were not identified at the Livermore Fire Dept (for the last seven years). Consequently, the status or condition of the adjacent creek relative to a petroleum release is unknown. Any pertinent information will be forwarded to Bank of the West upon receipt.

8.0 CONCLUSIONS/RECOMMENDATIONS

We have conducted a Phase I ESA of the subject site in conformance with the scope and limitations of the ASTM E 1527-05 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. Any deviations from this practice were previously described in this report. Krazan's findings of this Phase I ESA revealed the following evidence of the following RECs, potential environmental concerns (PECs), and Historical RECs (HRECs) in connection with the subject site:

RECs

- At the time of Krazan's March 26, 2009 site reconnaissance, five former gasoline dispenser islands were observed east of the restaurant building and four former diesel dispenser islands were observed north of the restaurant building. Krazan observed evidence of three current underground storage tanks (USTs) at the subject site to the northeast and north of the restaurant building. According to Mr. Macedo, the owner, and regulatory records on file with the Livermore Pleasanton Fire Department (LPPFD), the USTs consist of two, 15,000-gallon gasoline USTs and one, 12,000-gallon diesel UST. LPPFD is the lead regulatory agency concerning current and historical USTs and hazardous materials storage and handling for the subject site. The current USTs, dispenser islands, and associated piping were installed in 1994. According to LPPFD records, the dispensers were removed, piping sealed, and USTs temporarily abandoned in place in July 2008. LPPFD records included numerous non-compliance violations concerning the current USTs dating from 2003 to 2008. Violations ranged from non-submittal of tank/piping monitoring results to non-submittal of hazardous materials business plans. According to Mr. Macedo, the planned use of the subject site will no longer include retail sales of gasoline or diesel

fuel. Based on their planned discontinued use, the USTs should be properly removed under the guidance and direction of the LPPD and the Alameda County Department of Environmental Health Services. Based on the unknown condition and potential of impacts to soil and groundwater, the USTs, piping, and dispenser islands represent a recognized environmental condition in connection with the subject site.

Krazan recommends that the current USTs and associated pipelines be removed in accordance with state and local guidelines which would include soil sampling/analysis.

- Four storm water drains were observed in the parking lot areas of the subject site. According to Mr. Macedo, the drains are located over dry wells and are not connected to the municipal stormwater system. Mr. Macedo indicated the four dry wells were installed in 1994 at the time of paving of the subject site areas surrounding the restaurant and east of the storage warehouse and automotive shop buildings. Mr. Macedo indicated that the dry wells are four to six feet in diameter and approximately 15 feet deep below ground surface (bgs). Based on the use of a portion of the subject site as an automotive repair shop, the former use of the east portion of the site as a gasoline station, shallow depth of groundwater (estimated at 7 to 10 feet bgs), and their 15 year existence, the dry wells represent a recognized environmental condition in connection with the subject site.

Krazan recommends that a Limited Soil Assessment be conducted to evaluate the condition of the subsurface condition of the four dry wells located on the subject site.

PECs

- Approximately 200 waste tires were observed at the west exterior of the tire automobile service and repair shop. The accumulation of tires is not considered an environmental condition, however, is considered a code compliance issue and potential regulatory environmental concern.

Krazan recommends the tires be removed for off-site disposal by a licensed waste hauler.

- According to EDR the subject site address is listed as an ERNS and CHMIRS location due to a January 1999 listed complaint. According to EDR, the LPPD received a citizen's complaint of oil in the north adjoining creek. According to EDR, LPPD responded to the complaint in 1999 and identified a sheen approximately one mile long. According to Danielle Stefani, Hazardous Materials Coordinator with the LPPD, records for spills and incidence reports are kept for seven years and the 1999 predates current records. Ms. Stefani did not recall any remedial action concerning the adjoining creek during the era of the 1999 incident. Krazan contacted the Office of Emergency Services (OES) regarding information concerning the incident, however, the OES has not responded to the information request. According to Mr. Matt Macedo, a gasoline tanker truck owned by Chevron making deliveries to the east adjoining Chevron station, overturned while attempting a U-turn east of the subject site on N. Vasco Road and stated that this may have been the reported incident. Mr. Macedo was not aware of any oil or gasoline release attributed to the subject site that has impacted the north adjoining creek. Records pertaining to a release of the adjacent creek were not identified at the Livermore Fire Dept (for the last seven years). Consequently, the status or condition of the adjacent creek relative to a petroleum release is unknown. Any pertinent information will be forwarded to Bank of the West upon receipt.

HREC

- Krazan reviewed an Underground Storage Tank Removal Report dated December 28, 1994, prepared by Grayland Environmental (Grayland) for Mr. Michael Walton on file with the

Alameda County Department of Environmental Health Services (ACDEHS). According to the report, three 10,000-gallon gasoline USTs, one 10,000-gallon diesel UST, piping, and fuel dispensers were removed from the subject site on October 6, 1994. According to the report, the USTs had been installed in 1978 with locations described as three gasoline USTs on the eastern portion of the site and a single diesel UST on the northeastern portion of the site. The USTs were described as consisting of fiberglass construction with no visible perforations. Groundwater was present in both excavations at seven and nine feet below grade. Over-excavation of the tank pits was conducted based on visual observations of stained soil and petroleum odors. Soil samples were collected from the pit sidewalls and approximately ten feet below the former product piping lines and dispensers. Groundwater samples were collected from each tank pit. Laboratory analysis of soil samples collected from the side walls and beneath the fuel dispensers indicated elevated concentrations of total petroleum hydrocarbons as gasoline (TPH-G), total petroleum hydrocarbons as diesel (TPH-D), and benzene, toluene, ethylbenzene, and xylenes (BTEX). Groundwater analysis indicated elevated levels of TPH-G, TPH-D, and BTEX. Analysis of samples for the fuel oxygenate methyl tert-butyl ether (MTBE) was not conducted. Grayland returned to the subject site on October 19, 1994 during additional over-excavation of the tank pits. Based on soil sampling analysis, Grayland stated that the bulk of contaminated soil had been removed from the tank pits. Based on the identified impacts to groundwater, Grayland recommended groundwater monitoring wells be installed to evaluate the extent of groundwater contamination.

- Krazan reviewed a Soil Sampling Monitoring Well Installation and Initial Groundwater Sampling Report dated August 16, 1995, prepared by H2OGEOL for the subject site owner. According to the report, three groundwater monitoring wells (MWs) were installed to assess impacts to groundwater by the former gasoline and diesel USTs which were removed in 1994. At the time of installation of the MWs, soil sampling was conducted at the three MW locations at a depth of seven feet below grade. The MWs were installed at a depth of approximately 15 feet below grade. Groundwater depth was noted to range from 7.60 to 8.68 feet below grade in the three MWs. Minor concentrations of TPH-D were identified in only one soil sample and in the area of the former diesel UST. No additional contaminants of concern were identified in the soil samples collected. TPH-D at a concentration of 910 milligrams per kilogram (mg/kg) was detected in MW-1 adjacent to the former diesel UST and TPH-G at concentration of 60 mg/kg was detected in MW-3 west of the former gasoline USTs. No contaminants of concern were identified in groundwater samples. H2OGEOL recommended the three MWs should be monitored quarterly for TPH-D, TPH-G, and BTEX. Additional groundwater monitoring well sampling events were conducted in November 1995, February 1996 and May 1996. TPH-D concentrations at 228 parts per billion (ppb) were identified in MW-1 in May 1996. No other contaminant of concern was identified. H2OGEOL stated that the TPH-D identified in MW-1 during the May 1996 sampling event was not consistent with the pattern of their diesel standard and was likely a result of organic acids or other biodegradation of other naturally occurring substances. Based on the results of the four groundwater sampling events, H2OGEOL recommended no further groundwater monitoring be conducted at the site. Up to 160 mg/kg of gasoline and diesel and 0.34 mg/kg of benzene exists in the soil beneath the subject site.
- Based on removal of the four USTs in 1994, over-excavation of soils in the tank pits, and results of four groundwater monitoring events, the ACDEHS issued a remedial action completion certification letter for the subject site on May 22, 2000.
- Based on Krazan's current site observations and LPPD closure documentation, the former USTs are considered a HREC and do not require further assessment at this time. However, during Krazan's site reconnaissance, it was noted that the three monitoring wells from the 1996 investigation were still present.

Krazan recommends that the wells be properly abandoned/closed in accordance with State and local guidelines.

9.0 RELIANCE

This report was prepared solely for use by Client and should not be provided to any other person or entity without Krazan & Associates' prior written consent. No party other than Client may rely on this report without Krazan & Associates' express prior written consent. Reliance rights for third parties will only be in effect once requested by Client and authorized by Krazan & Associates with authorization granted by way of a Reliance Letter. The Reliance Letter will require that the relying party(ies) agree to be bound to the terms and conditions of the agreement between Client and Krazan & Associates as if originally issued to the relying party(ies), or as so stipulated in the Reliance Letter.

10.0 LIMITATIONS

The site reconnaissance and research of the subject site has been limited in scope. This type of assessment is undertaken with the calculated risk that the presence, full nature, and extent of contamination would not be revealed by visual observation alone. Although a thorough site reconnaissance was conducted in accordance with ASTM Guidelines and employing a professional standard of care, no warranty is given, either expressed or implied, that hazardous material contamination or buried structures, which would not have been disclosed through this investigation, do not exist at the subject site. Therefore, the data obtained are clear and accurate only to the degree implied by the sources and methods used.

The findings presented in this report were based upon field observations during a single property visit, review of available data, and discussions with local regulatory and advisory agencies. Observations describe only the conditions present at the time of this investigation. The data reviewed and observations made are limited to accessible areas and currently available records searched. Krazan cannot guarantee the completeness or accuracy of the regulatory agency records reviewed. Additionally, in evaluating the property, Krazan has relied in good faith upon representations and information provided by individuals noted in the report with respect to present operations and existing property conditions, and the historical uses of the property. It must also be understood that changing circumstances in the property usage, proposed property usage, subject site zoning, and changes in the environmental status of the other nearby

properties can alter the validity of conclusions and information contained in this report. Therefore, the data obtained are clear and accurate only to the degree implied by the sources and methods used.

This report is provided for the exclusive use of the client noted on the cover page and shall be subject to the terms and conditions in the applicable contract between the client and Krazan. Any third party use of this report, including use by Client's lender, shall also be subject to the terms and conditions governing the work in the contract between the client and Krazan. The unauthorized use of, reliance on, or release of the information contained in this report without the express written consent of Krazan is strictly prohibited and will be without risk or liability to Krazan.

Conclusions and recommendations contained in this report are based on the evaluation of information made available during the course of this assessment. It is not warranted that such data cannot be superseded by future environmental, legal, geotechnical or technical developments. Consequently, given the possibility for unanticipated hazardous conditions to exist on a subject site which may not have been discovered, this Phase I ESA is not intended as the basis for a buyer or developer of real property to waive their rights of recovery based upon environmental unknowns. Parties that choose to waive rights of recovery prior to site development do so at their own risk.

Parties who seek to rely upon Phase I Environmental Site Assessment reports dated more than 180 days prior to the date of reliance do so at their own risk. This limitation in reliance is based on the potential for physical changes at the site, changes in circumstances, technological and professional advances, and guidance related to the continued viability of Environmental Site Assessment reports, user's responsibilities, and requirements for updating of components of the inquiry as stated in the ASTM Standard E 1527-05.

11.0 QUALIFICATIONS

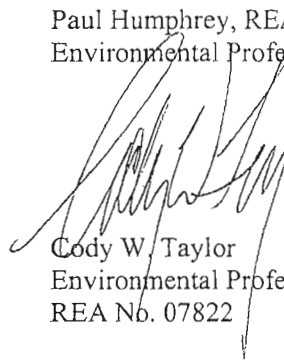
This Phase I ESA was conducted under the supervision or responsible charge of Krazan's undersigned environmental assessor with oversight from the undersigned environmental professional. The work was conducted in accordance with ASTM E 1527-05, generally accepted industry standards for environmental due diligence in place at the time of the preparation of this report, and Krazan's quality-control policies.

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

Respectfully submitted,
KRAZAN & ASSOCIATES, INC.



Paul Humphrey, REA No. 07984
Environmental Professional



Cody W. Taylor
Environmental Professional
REA No. 07822

PH/CWT /klm

2c: herewith

REFERENCES

Aerial photographs 1940, 1950, 1959, 1965, 1974, 1982, 1993, 1998, and 2005 obtained from Environmental Data Resources, Inc.

Alameda County Department of Environmental Health Services, Hazardous Materials Handling Facilities List, January 2009.

California Department of Conservation, Division of Oil and Gas.

Cal-EPA, Department of Toxic Substances Control (DTSC) Envirostor Website.

California Environmental Protection Agency (Cal-EPA), Recorded Deed Restriction List, 1994.

California Regional Water Quality Control Board (RWQCB) Geotracker Website.

City of Livermore Building Department.

City of Livermore Public Utilities Department.

Environmental Data Resources, Inc. (EDR) Certified Sanborn Fire Insurance Map (SFIM) *Unmapped Property* Report.

EDR Radius Map Report.

Haines Criss-Cross Directories for the Alameda County Public Library, Fremont Branch located in Fremont, California.

Livermore Pleasanton Fire Department.

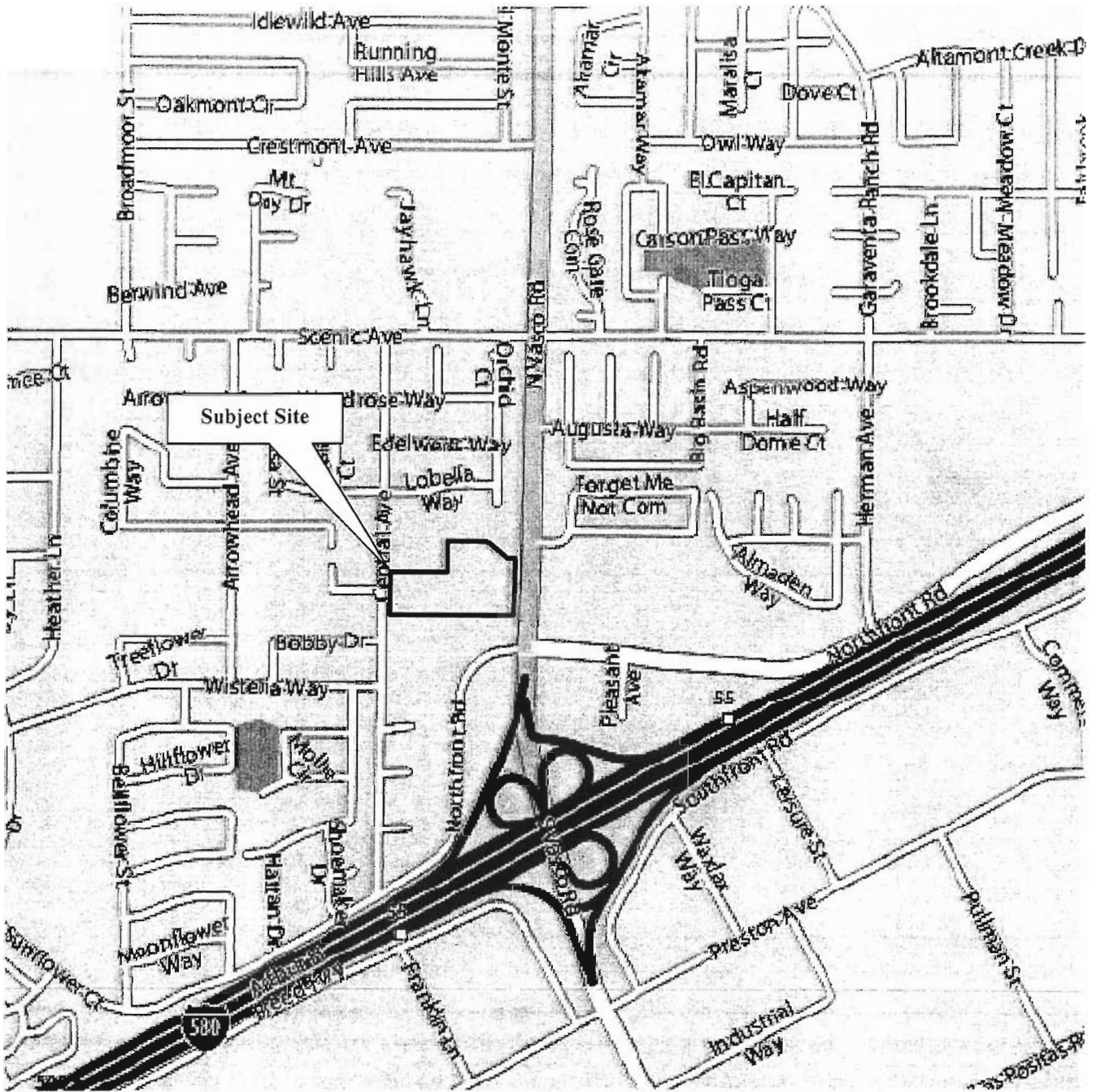
Macedo, Mr. Matt, the subject site owner (interview).


State of California, Department of Water Resources, *Lines of Equal Elevation of Water in Wells Unconfined Aquifer, San Joaquin Valley, Spring 2005*.

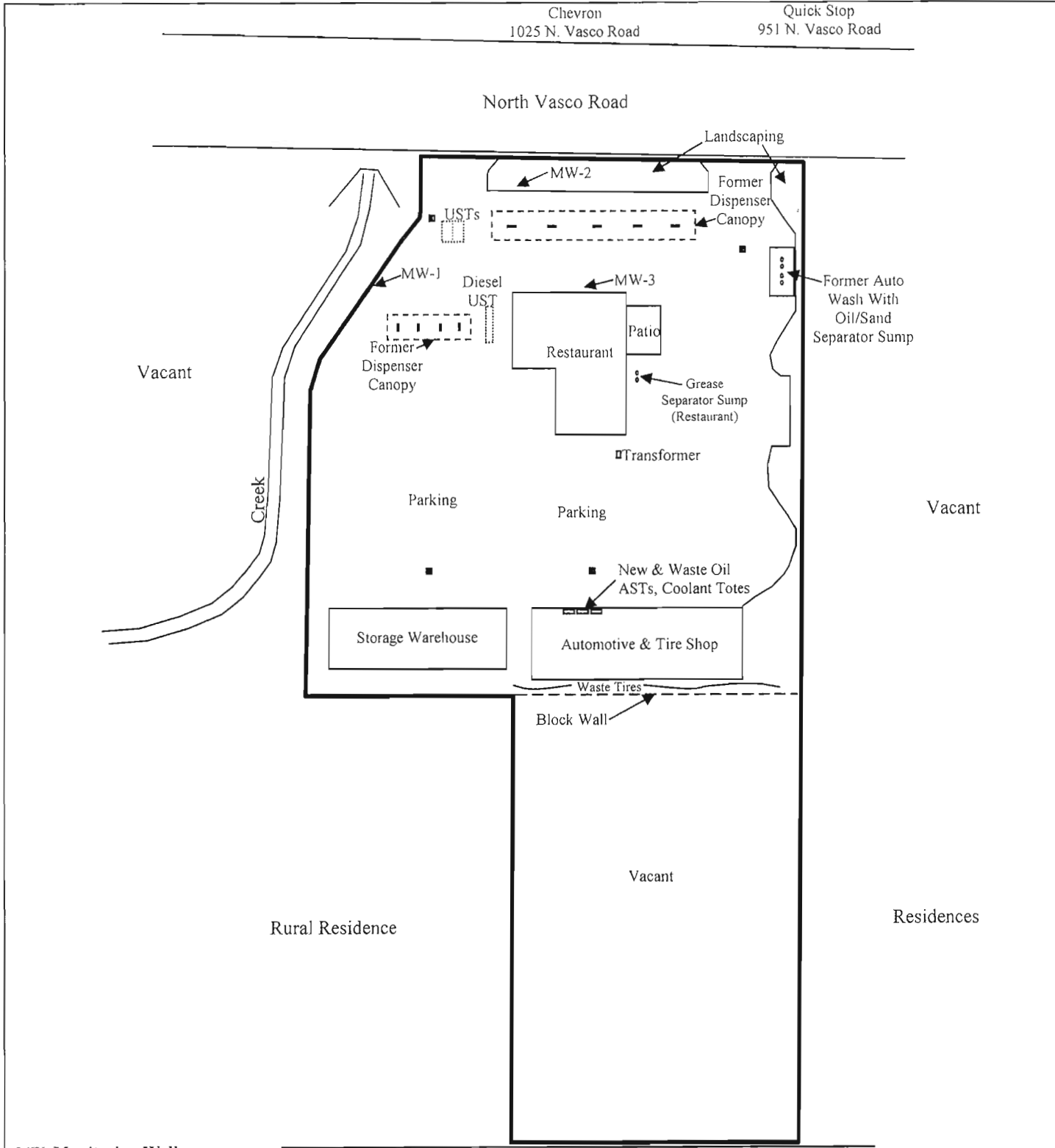
State of California Department of Conservation, Division of Oil and Gas (DOG) Wildcat Map #608.

U.S. EPA Federal Superfund Liens List and the U.S. EPA California Liens, 1995.

U.S. Geological Survey, 7.5 minute Altamont, California topographic quadrangle map, dated 1981.




VICINITY MAP BOTW No. 09-0510-02 Geno's Country Store, Inc. 1000 North Vasco Road Livermore, California 94551	Scale: NTS	Date: April 2009	 Krazan SITE DEVELOPMENT ENGINEERS <i>Conducting Assessments Nationwide</i>
	Drawn by: PH	Approved by: CWT	
	Project No. 013-09074	Figure No. 1	




- MW Monitoring Well
- Fuel Islands/No Dispensers
 - Stormwater Drain With Dry Well

NORTH ←

SITE MAP	Scale: NTS	Date: April 2009	 Krazan SITE DEVELOPMENT ENGINEERS <i>Conducting Assessments Nationwide</i>
	Drawn by: PH	Approved by: CWT	
BOTW No. 09-0510-02 Geno's Country Store, Inc. 1000 North Vasco Road Livermore, California 94551	Project No. 013-09074	Figure No. 2	



TOPOGRAPHIC MAP - 1981 BOTW No. 09-0510-02 Geno's Country Store, Inc. 1000 North Vasco Road Livermore, California 94551	Scale: NTS	Date: April 2009	 Krazan SITE DEVELOPMENT ENGINEERS <i>Conducting Assessments Nationwide</i>
	Drawn by: PH	Approved by: CWT	
	Project No. 013-09074	Figure No. 3	

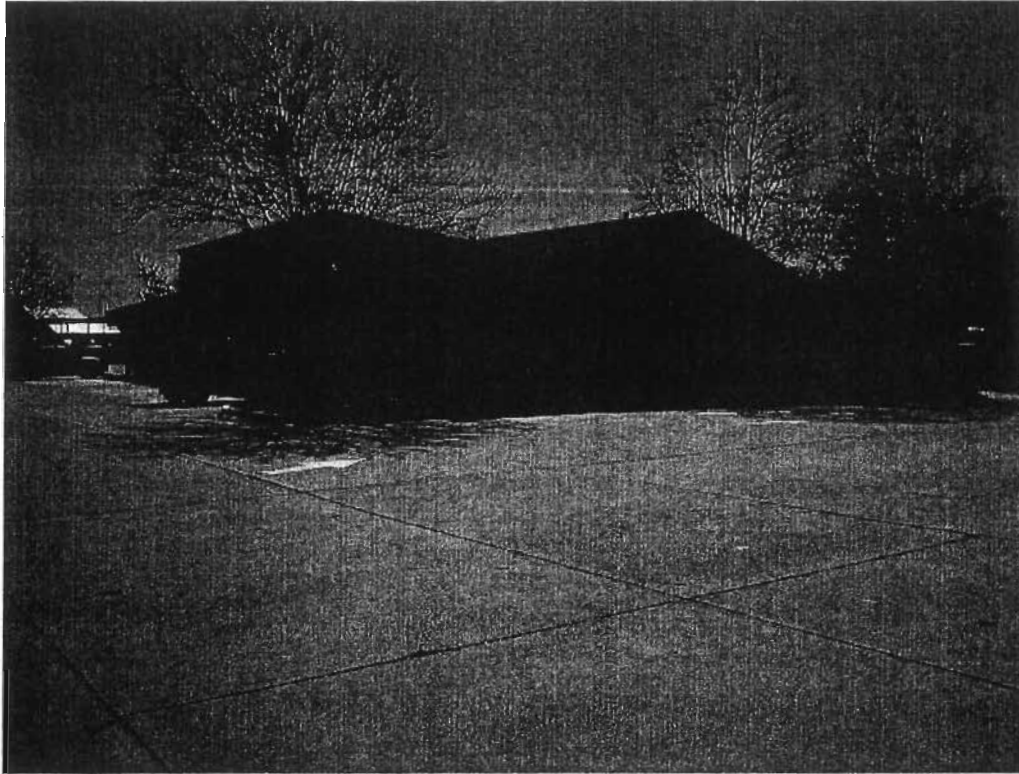


Photo 1: View of the on-site restaurant.



Photo 2: View of the interior of the on-site restaurant.

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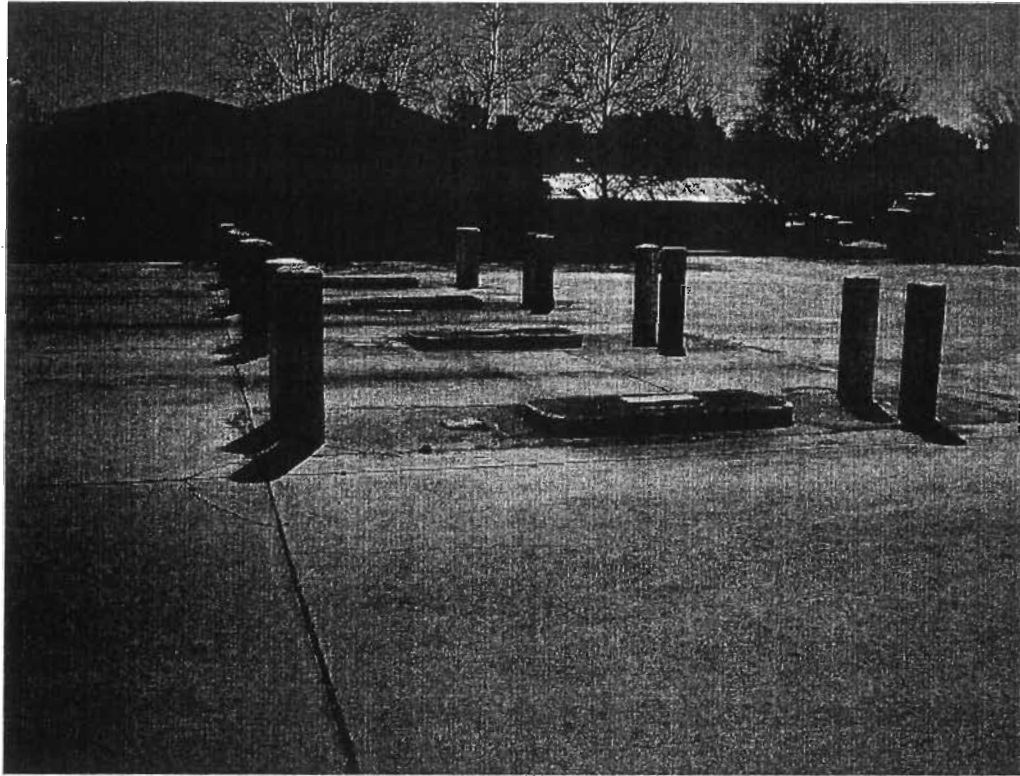


Photo 3: View of the diesel dispenser islands located north of the on-site restaurant.

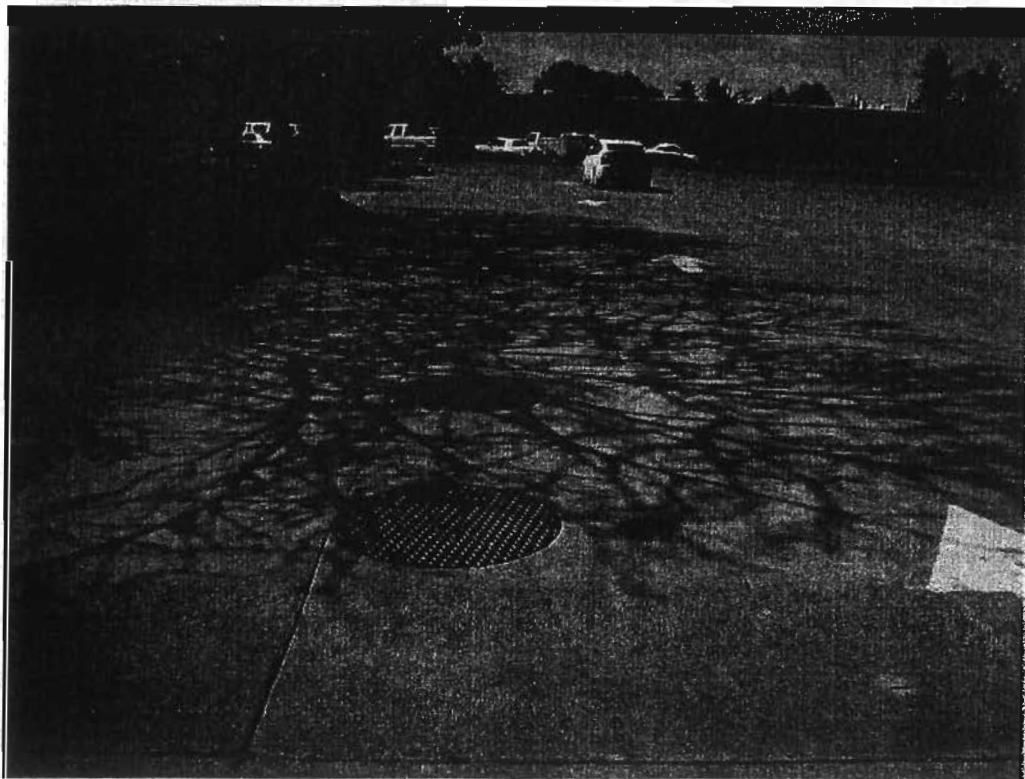


Photo 4: View of the diesel UST located north of the on-site restaurant.

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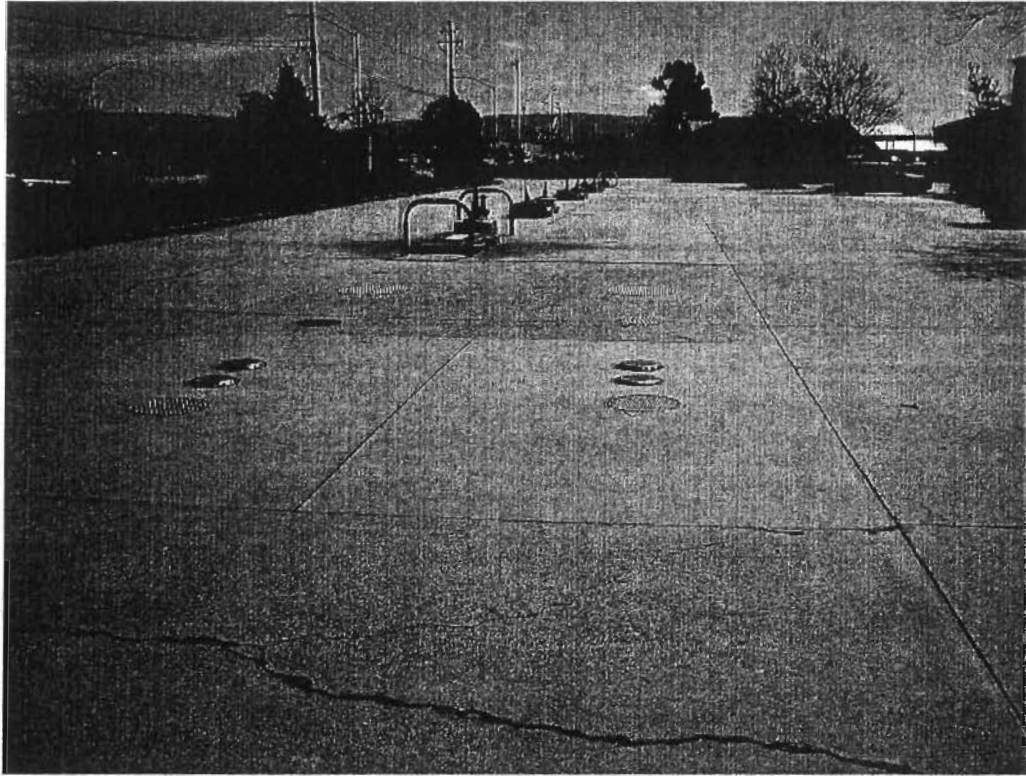


Photo 5: View of the gasoline USTs and dispenser islands located east of the on-site restaurant.

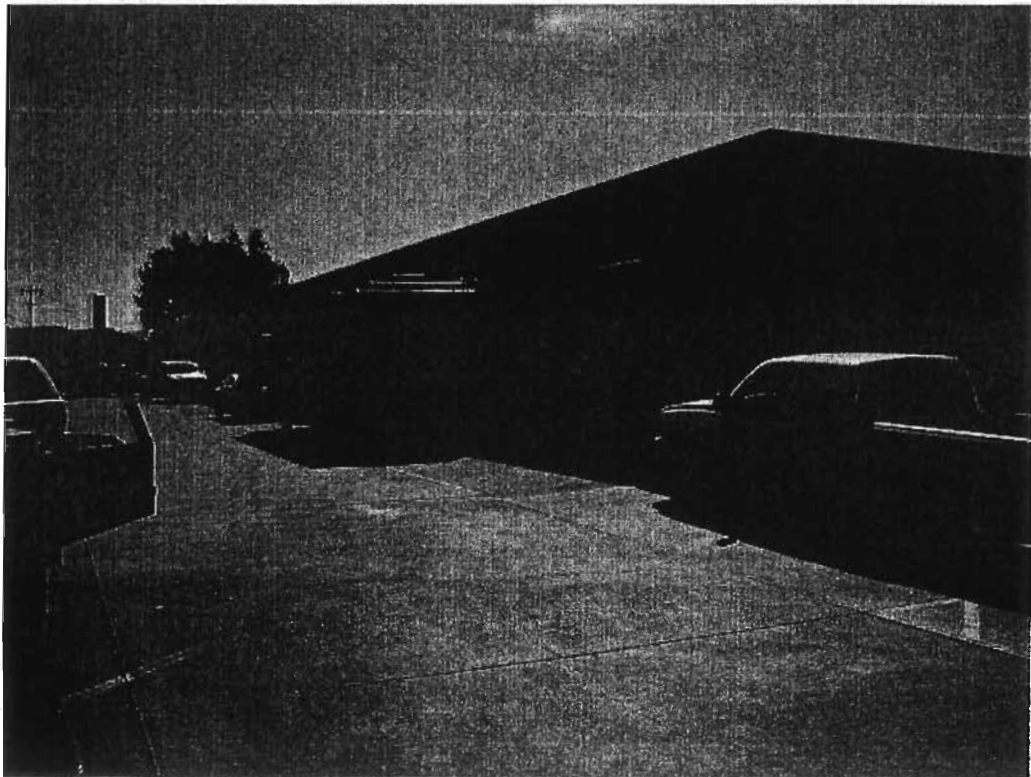


Photo 6: View of Ken's Tire Service shop.

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Photo 7: View of interior of Ken's Tire Service shop.

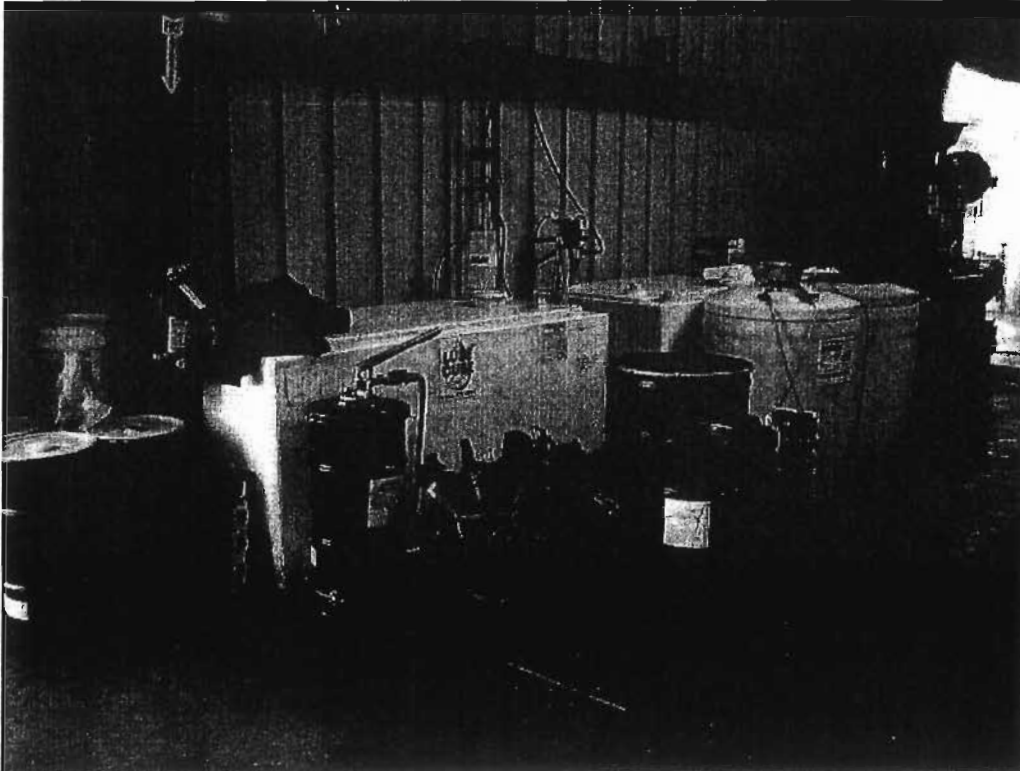


Photo 8: View of Ken's Tire Service shop new oil, waste oil, coolant, and grease storage area.

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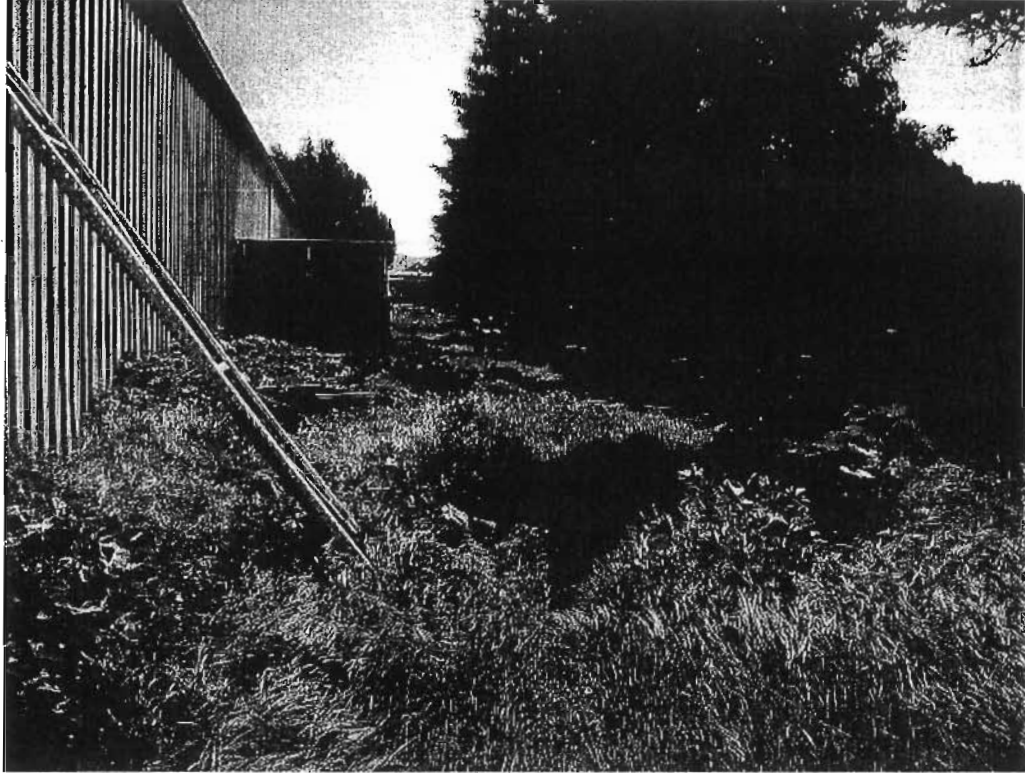


Photo 9: View of waste tires stored at the west side of Ken's Tire Service shop.

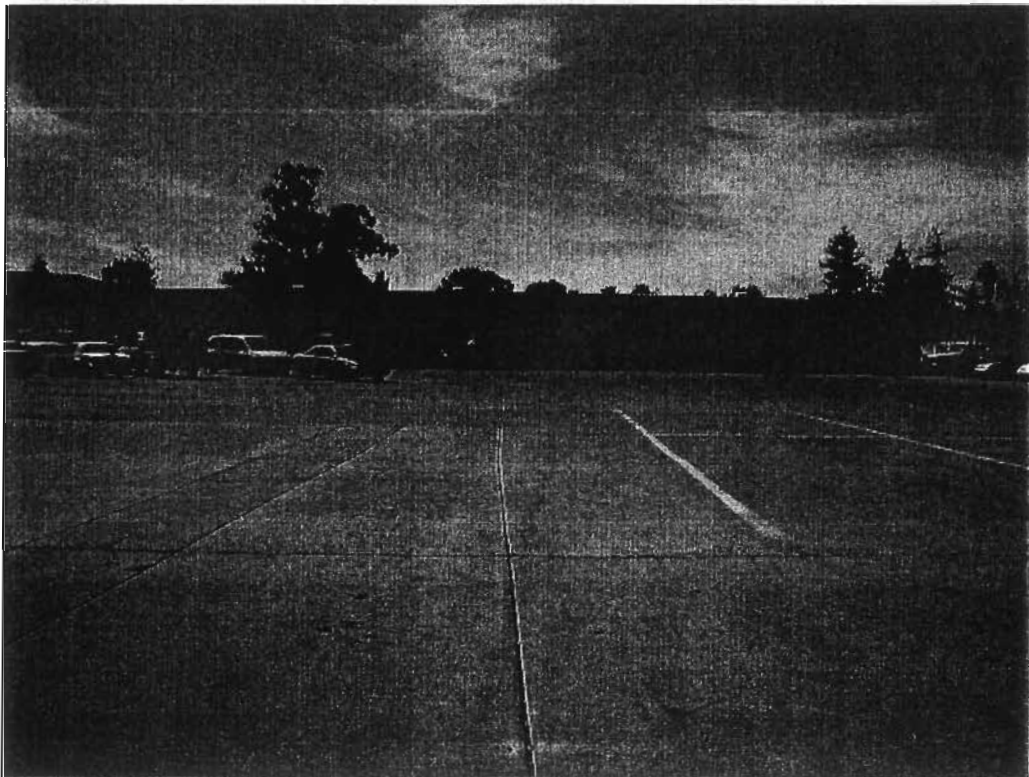


Photo 10: View of the on-site building utilized for storage of owner's items and restaurant equipment.

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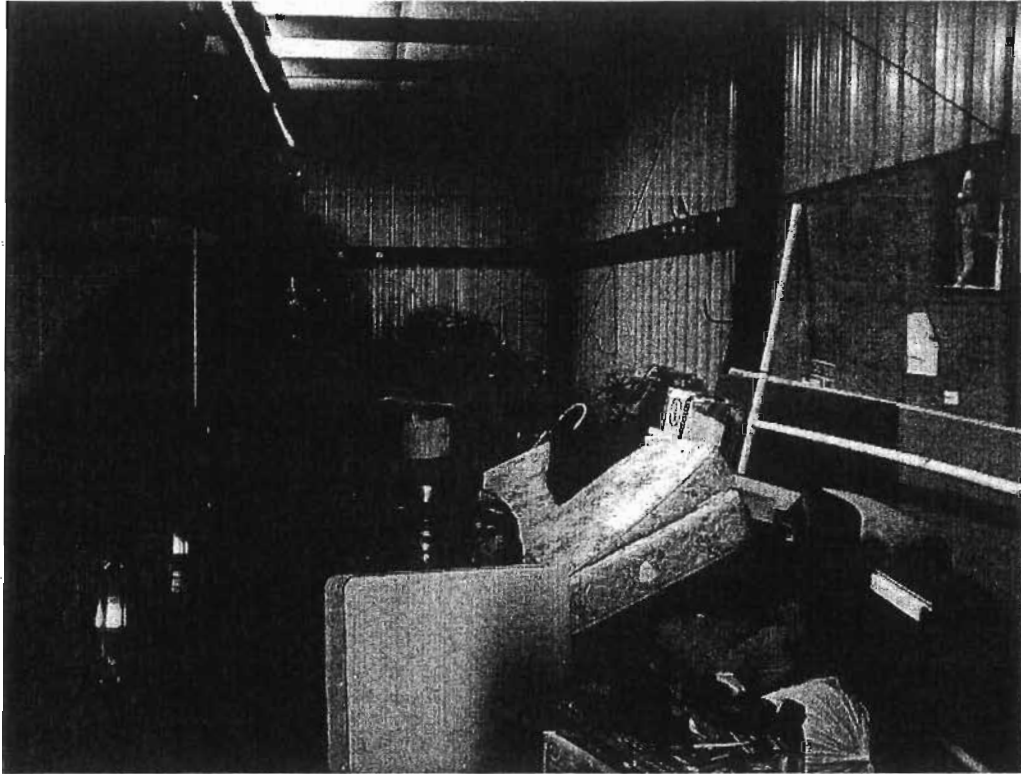


Photo 11: View of the interior of on-site building utilized for storage of owner's items and restaurant equipment.

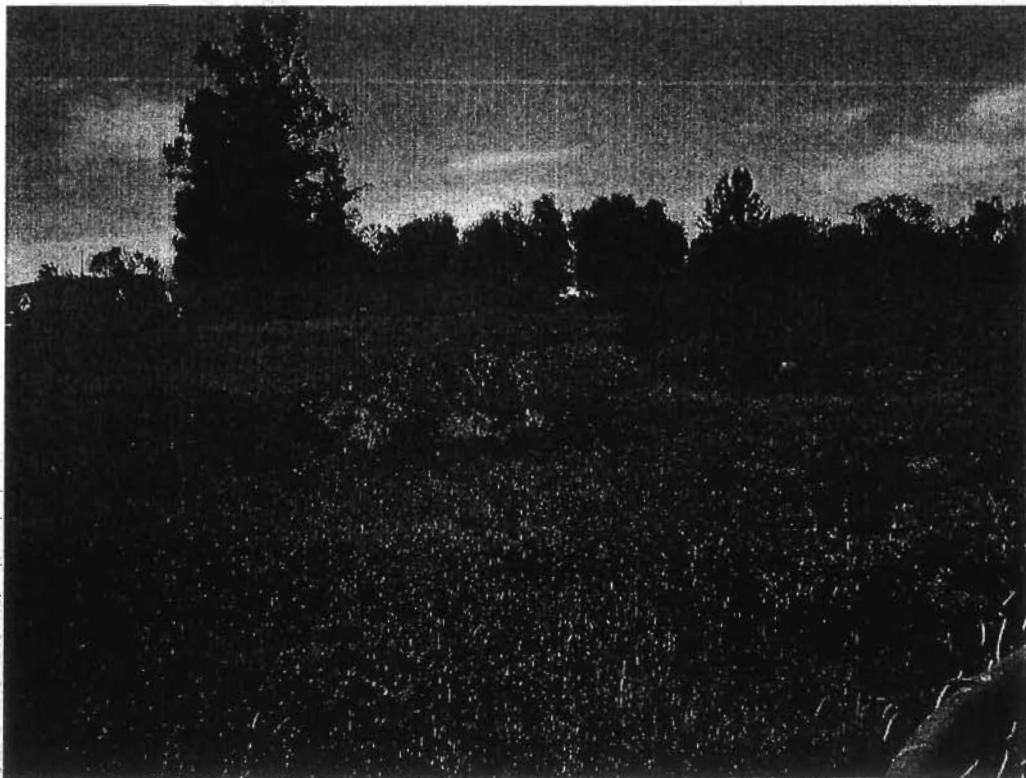


Photo 12: View of the west subject site vacant land.

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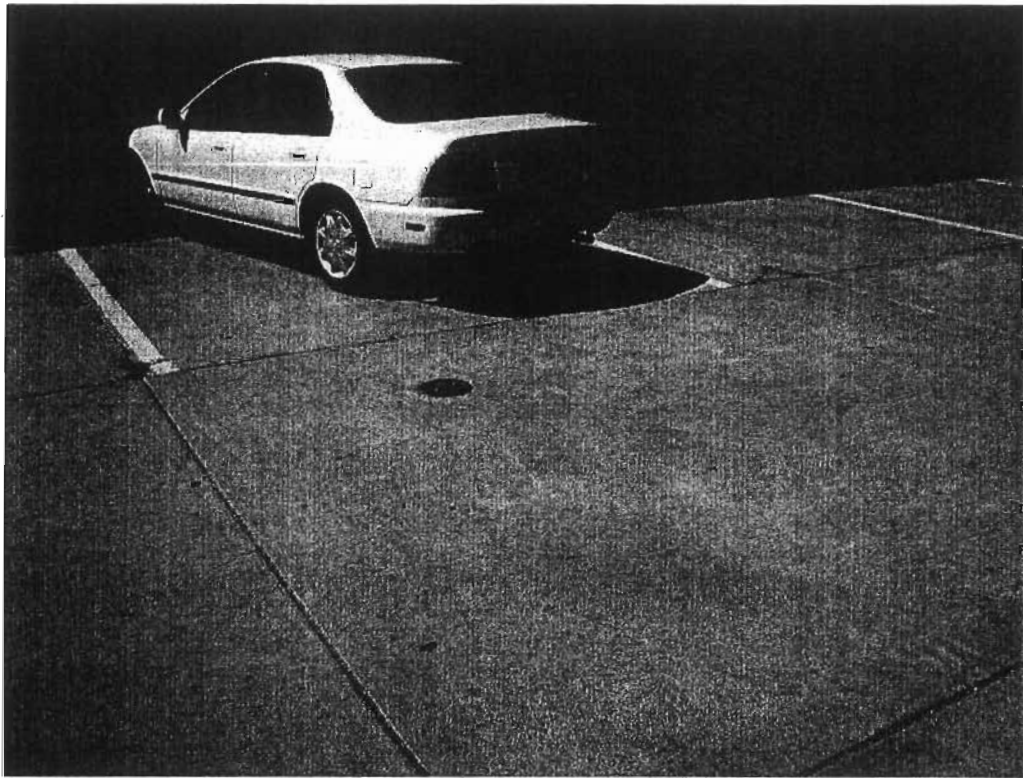


Photo 13: View of one of three remaining monitoring wells on the site.

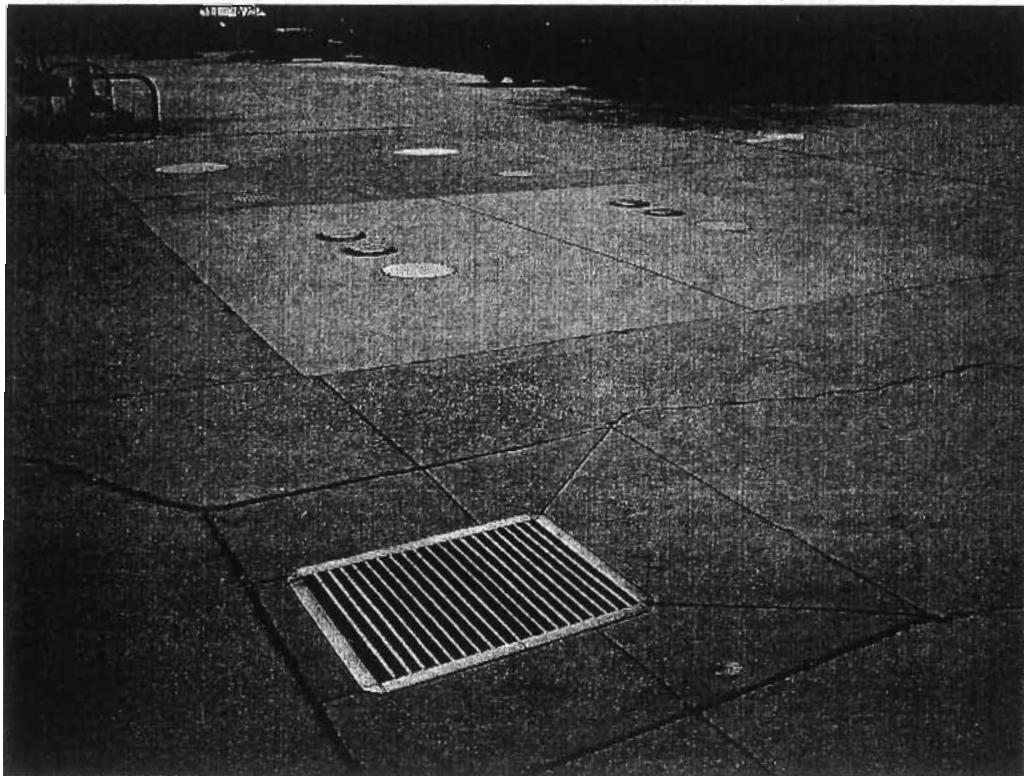


Photo 14: View of stormwater drain with reported drywell.

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Photo 15: View of the north adjoining creek and residences.

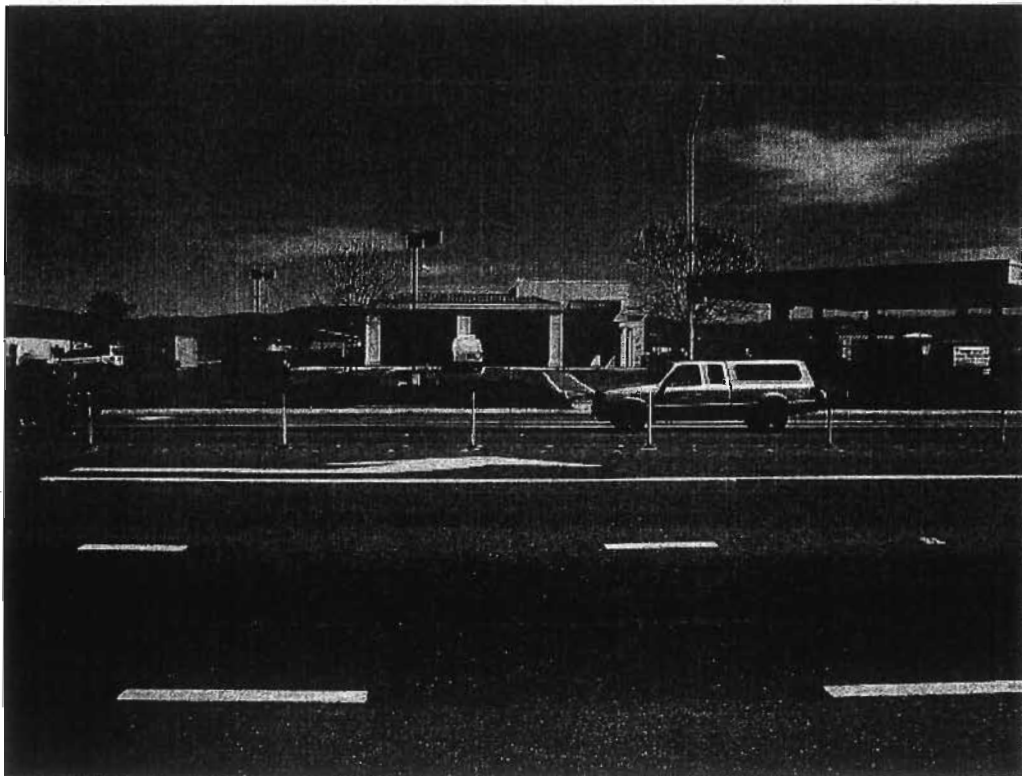


Photo 16: View across N. Vasco Road at the east adjoining Quick Stop gasoline station.

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Approved by: CWT



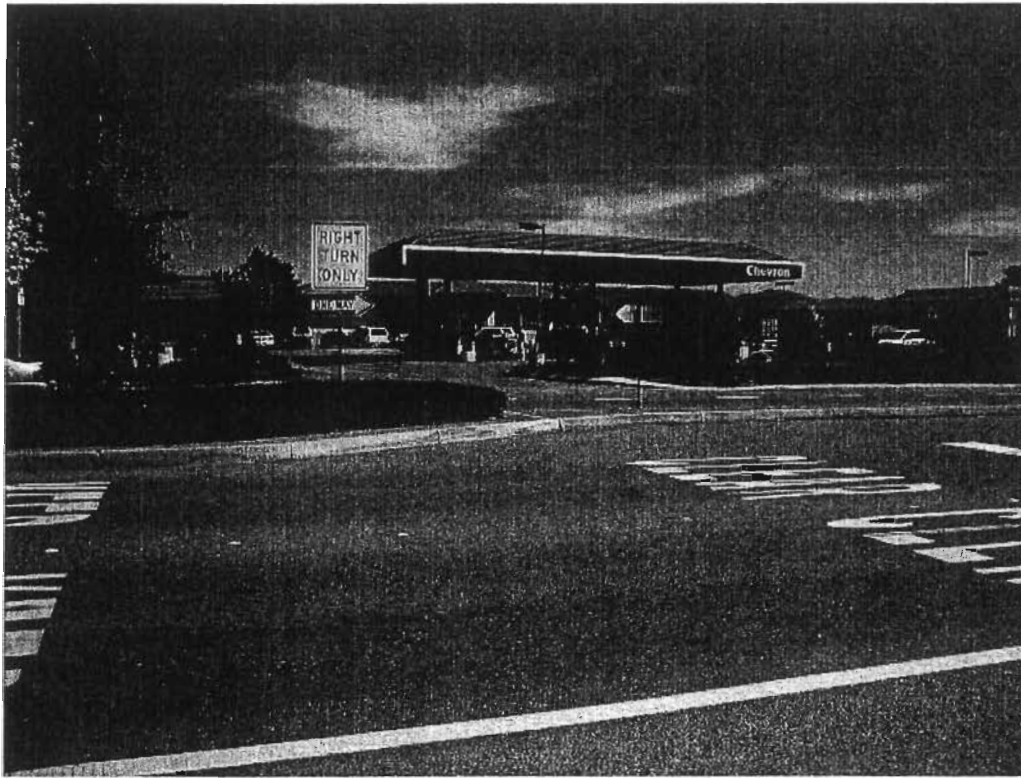


Photo 17: View across N. Vasco Road at the east adjoining Chevron gasoline station.



Photo 18: View of the south adjoining vacant land.

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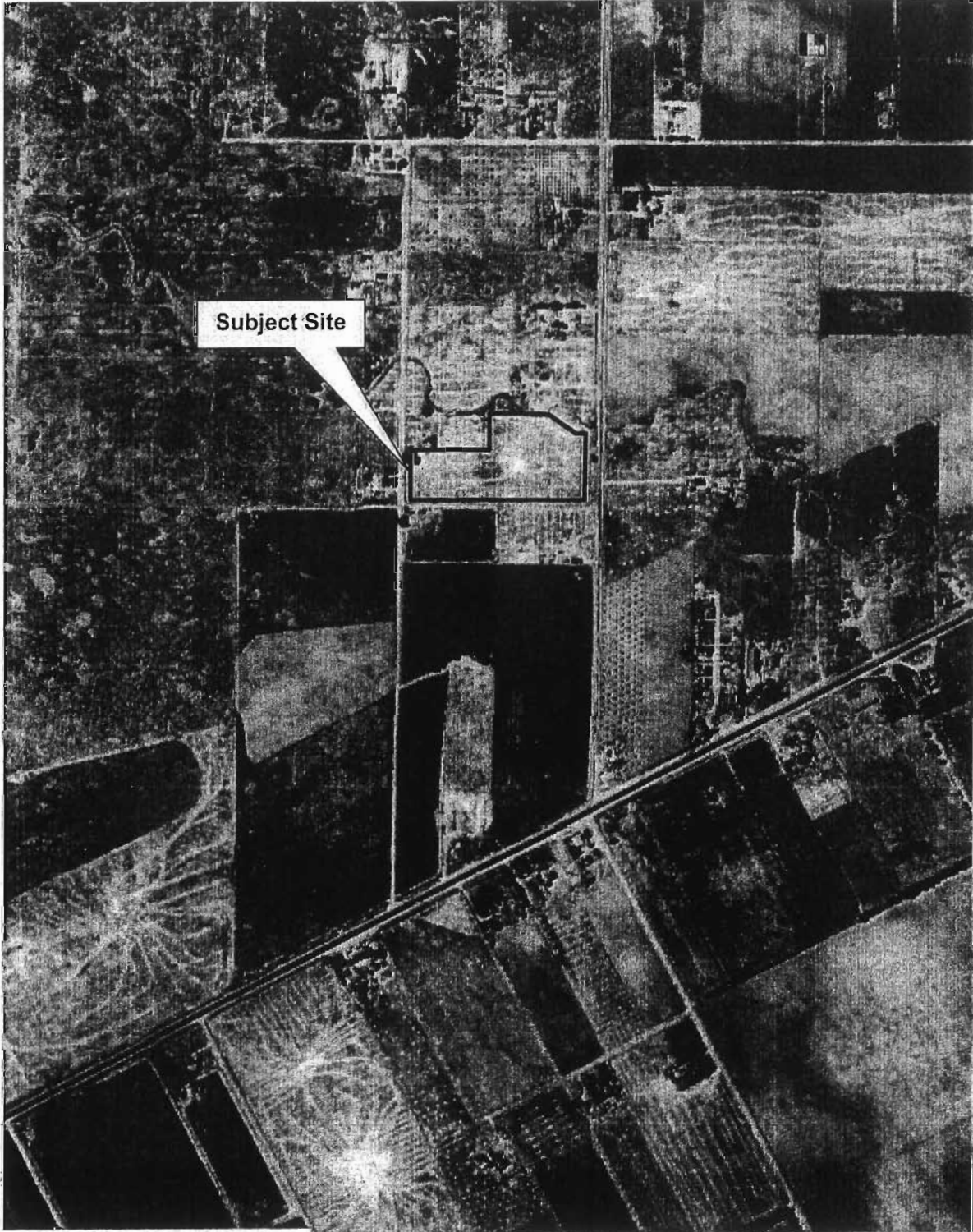
Project No. 013-09074

Date: April 2009

Approved by: CWT



Appendix A



AERIAL PHOTOGRAPH
BOTW No. 09-0510-02
Geno's Country Store, Inc.
1000 North Vasco Road
Livermore, California 94551
Project No. 013-09074

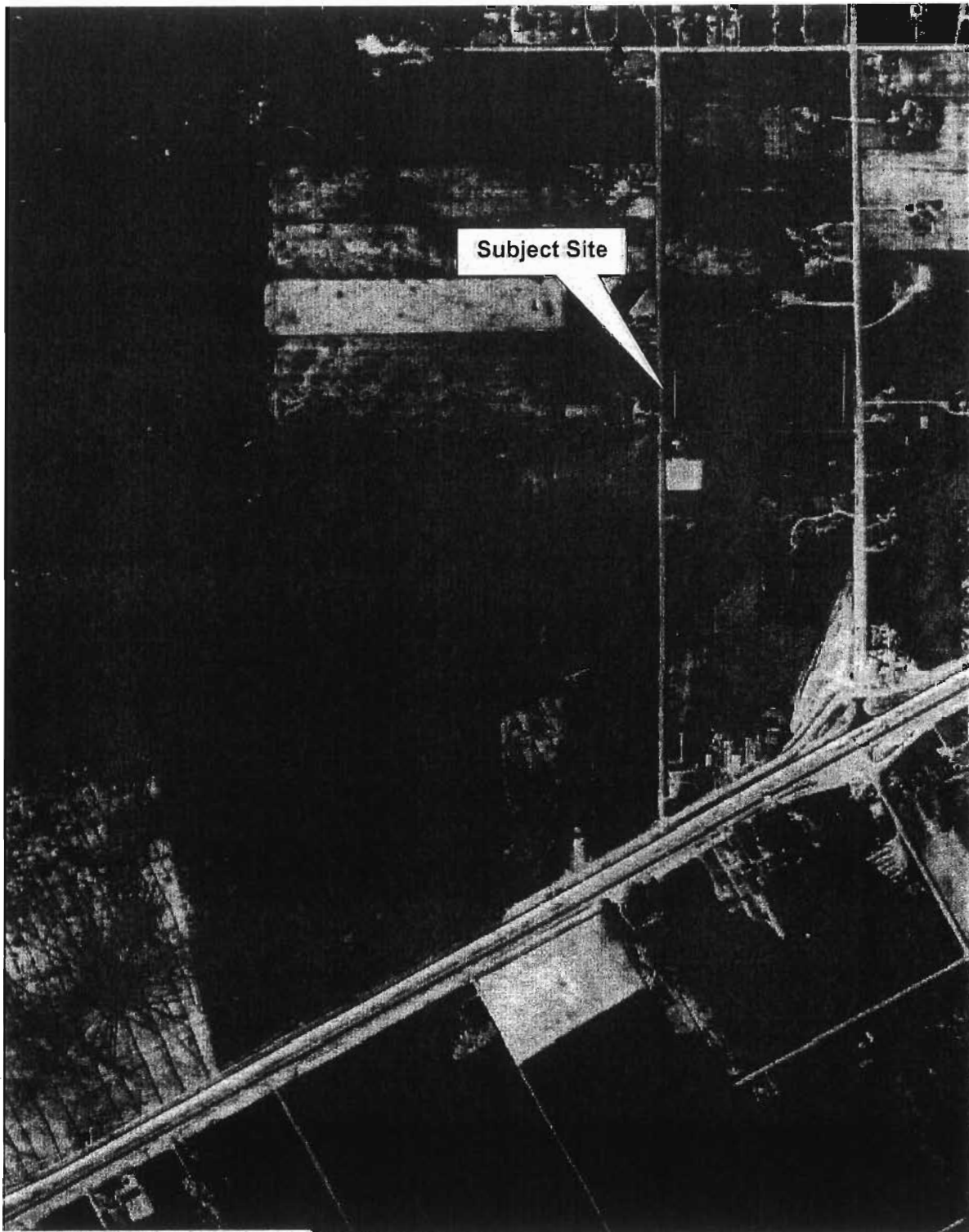


1940

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Scale: 1" = 555'

Photo ID 2448230.4



AERIAL PHOTOGRAPH
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Geno's Country Store, Inc.
1000 North Vasco Road
Livermore, California 94551
Project No. 013-09074

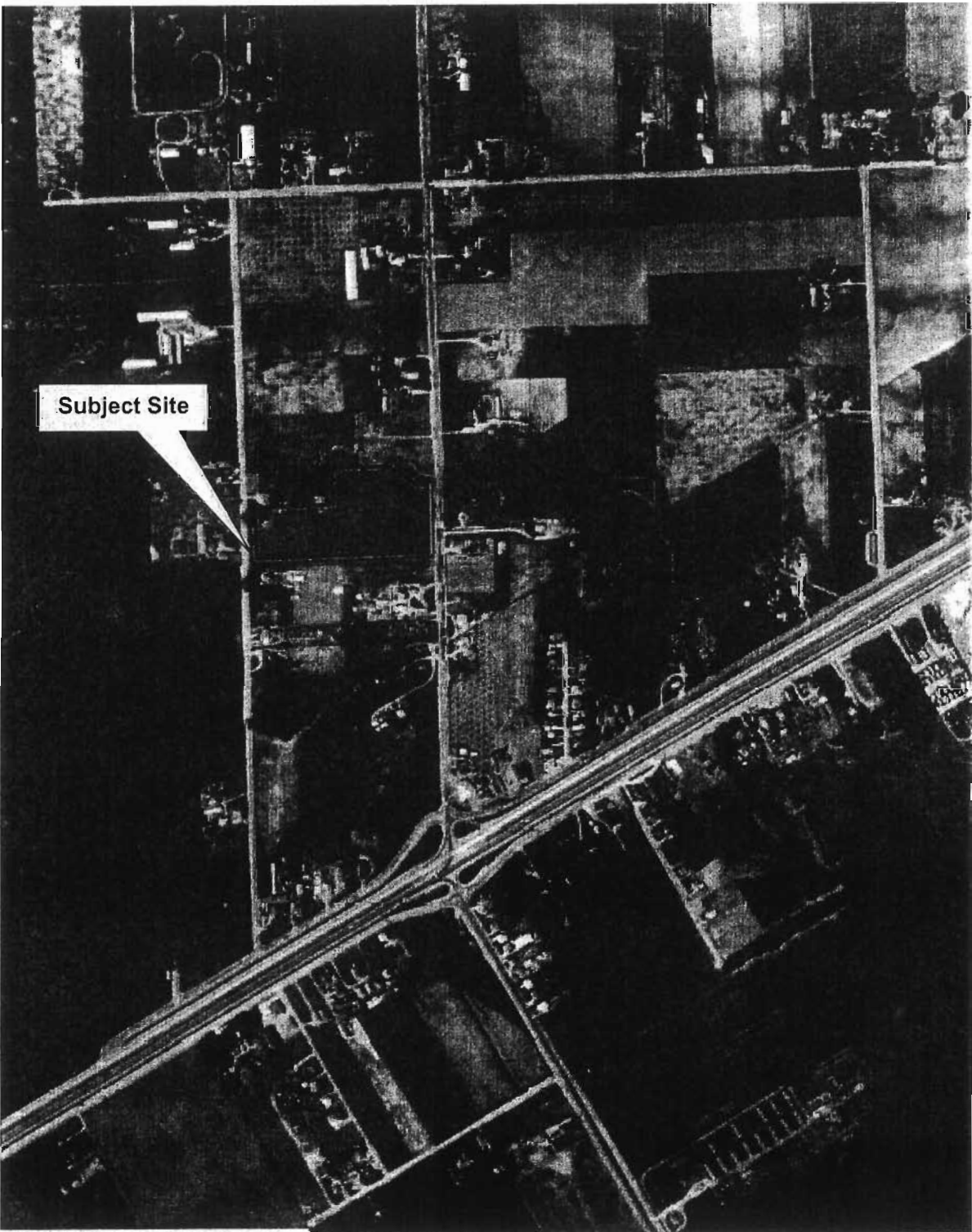


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Photo ID 2448230.4



AERIAL PHOTOGRAPH
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Geno's Country Store, Inc.
1000 North Vasco Road
Livermore, California 94551
Project No. 013-09074

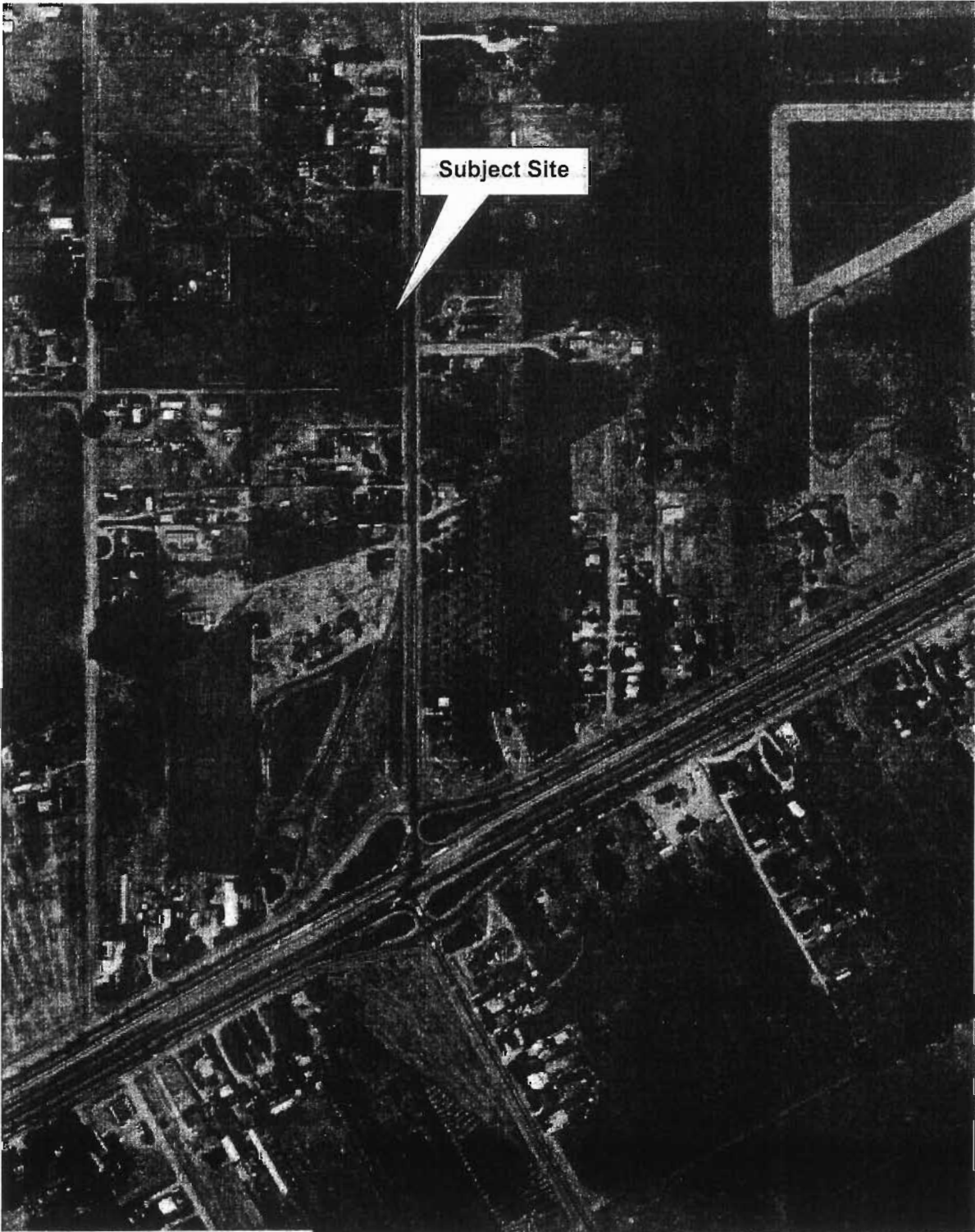


1959

N↑

Scale: 1" = 555'

Photo ID 2448230.4



Subject Site

AERIAL PHOTOGRAPH
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Geno's Country Store, Inc.
1000 North Vasco Road
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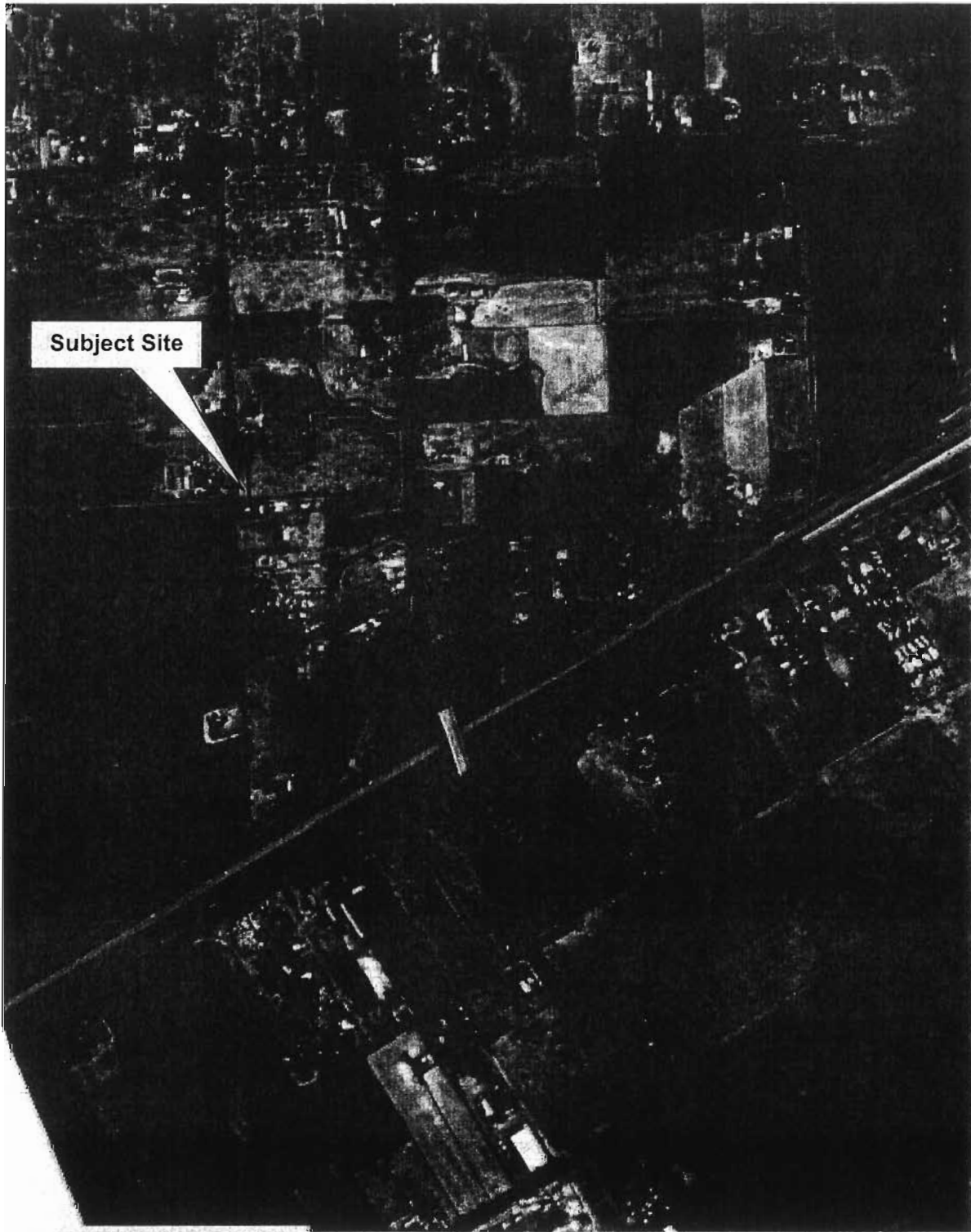


1965

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Photo ID 2448230.4



Subject Site

AERIAL PHOTOGRAPH
BOTW No. 09-0510-02
Geno's Country Store, Inc.
1000 North Vasco Road
Livermore, California 94551
Project No. 013-09074

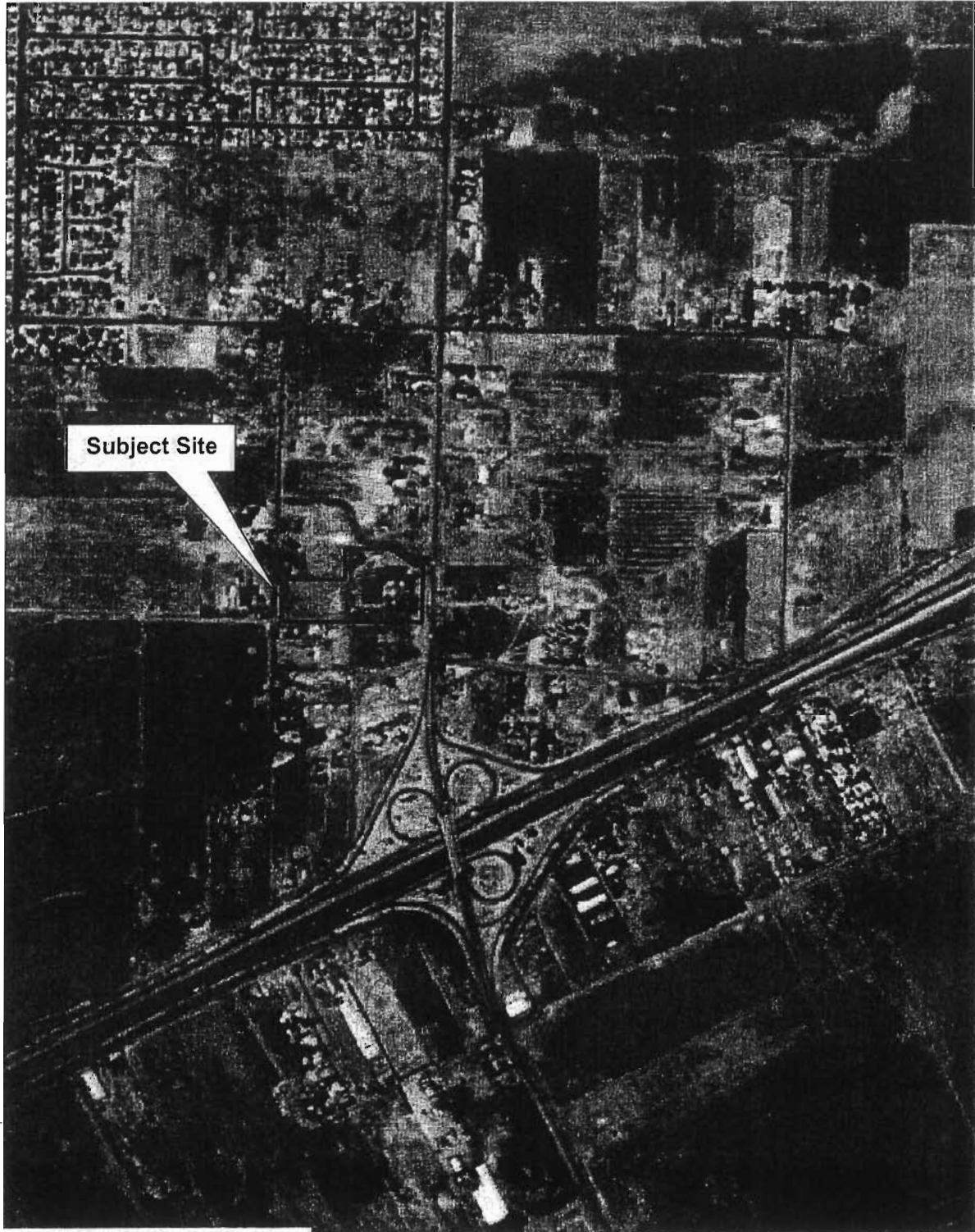


1974

N↑

Scale: 1" = 601'

Photo ID 2448230.4



AERIAL PHOTOGRAPH
BOTW No. 09-0510-02
Geno's Country Store, Inc.
1000 North Vasco Road
Livermore, California 94551
Project No. 013-09074

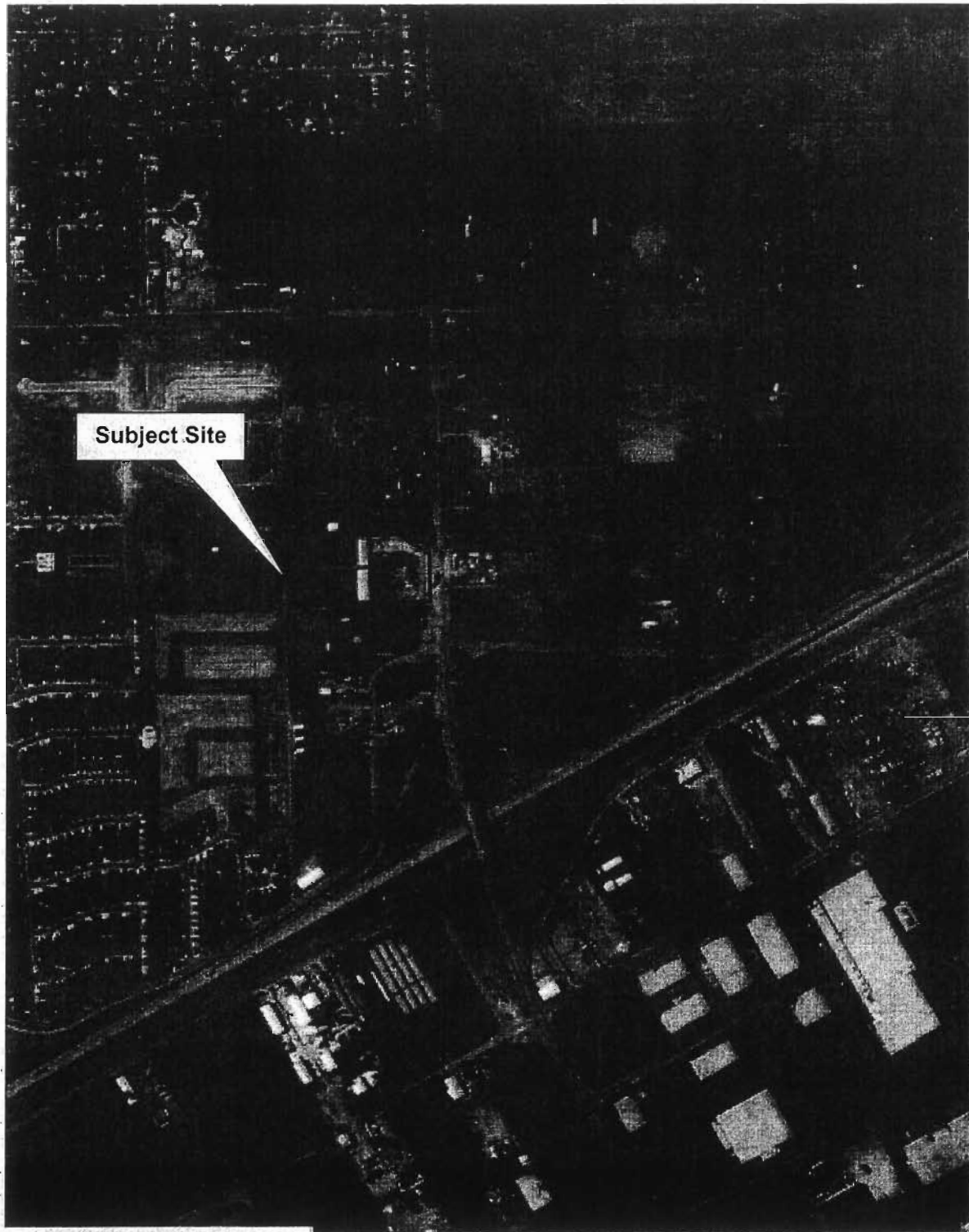


1982

N↑

Scale: 1" = 690'

Photo ID 2448230.4



AERIAL PHOTOGRAPH
BOTW No. 09-0510-02
Geno's Country Store, Inc.
1000 North Vasco Road
Livermore, California 94551
Project No. 013-09074



1993

N↑

Scale:	1" = 666'
Photo ID	2448230.4



AERIAL PHOTOGRAPH
BOTW No. 09-0510-02
Geno's Country Store, Inc.
1000 North Vasco Road
Livermore, California 94551
Project No. 013-09074



1998

N↑

Scale: 1" = 666'

Photo ID 2448230.4



AERIAL PHOTOGRAPH
BOTW No. 09-0510-02
Geno's Country Store, Inc.
1000 North Vasco Road
Livermore, California 94551
Project No. 013-09074



2005

N↑

Scale: 1" = 484'

Photo ID 2448230.4

Appendix B

Activities / Projects / Developments

15:41 03/26/2009

1000 Vasco Road, North ****	C090454	CODE		SGNVIOL4	CLOSED	02/13/2009	Eugene & Shirley Macedo
1000 Vasco Road, North ****	C090495	CODE		SGNVIOL4	CITE	02/23/2009	Eugene & Shirley Macedo
1000 Vasco Road, North ****	DA07-007	DA		DSFR	WITHDRA W	05/22/2007	Eugene & Shirley Macedo
1000 Vasco Road, North ****	DEM08028	DEMO		DCOM	ISSUED	08/29/2008	Matt Macedo
1000 Vasco Road, North ****	DR07-051	DR		DSFR	VOID	05/22/2007	Eugene & Shirley Macedo
1000 Vasco Road, North ****	INFO08-054	INFO			RESEARC H	10/13/2008	
1000 Vasco Road, North ****	MIC06-006	MIC		TR	CLOSED	03/14/2006	
1000 Vasco Road, North ****	PD07-004	PD		PD-R	WITHDRA W	05/22/2007	Eugene & Shirley Macedo
1000 Vasco Road, North ****	SPA07-011	SPA		RES	WITHDRA W	05/22/2007	Eugene & Shirley Macedo
1000 Vasco Road, North ****	SUB07-005	SUB		VTTM	WITHDRA W	05/22/2007	Eugene & Shirley Macedo
1000 Vasco Road, North ****	T1030067	T.I.		ACOM	FINALED	04/15/2003	Geno's Country Stores, Inc.
1000 Vasco Road, North ****	T1080079	T.I.		ACOM	ISSUED	09/09/2008	Eugene Macedo
1000 Vasco Road, North ****	TS08-048	TS		COM	APPROVE D	11/07/2008	Eugene Macedo
1000 Vasco Road, North ****	TS09-003	TS		COM	APPROVE D	02/17/2009	Eugene & Shirley Macedo
1000 Vasco Road, North ****	WH050268	WH		ACOM	FINALED	11/04/2005	Genco-Shell Station
1008 Vasco Road, North ****	00070553	HISTORY			FINALED	09/16/1999	*GENE MACEDO
1008 Vasco Road, North ****	00072960	HISTORY			VOID	09/16/1999	*PETER SHUTTS
1008 Vasco Road, North ****	00077259	HISTORY			FINALED	09/16/1999	*PETER SHUTTS
1008 Vasco Road, North ****	00080963	HISTORY			FINALED	09/16/1999	MACEDO EUGENE
1012 Vasco Road, North ****	00070946	HISTORY			FINALED	09/16/1999	*GENE MACEDO
1012 Vasco Road, North ****	00072384	HISTORY			FINALED	09/16/1999	MACEDO EUGENE
1012 Vasco Road, North ****	00072647	HISTORY			FINALED	09/16/1999	MACEDO EUGENE
1012 Vasco Road, North ****	00074831	HISTORY			FINALED	09/16/1999	*DELTA SIGNS
1012 Vasco Road, North ****	00080812	HISTORY			FINALED	09/16/1999	MACEDO EUGENE
1016 Vasco Road, North ****	00072063	HISTORY			VOID	09/16/1999	*GENE MACEDO

Activities / Projects / Developments

15:41 03/26/2009

Address	Number	Type	Sub Type	Status	Date	Name	Level 1	Level 2
1000 Vasco Road, North ****	00059676	HISTORY		VOID	09/16/1999	MACEDO EUGENE		
1000 Vasco Road, North ****	00066276	HISTORY		FINALED	09/16/1999	*EUGENE MACEDO		
1000 Vasco Road, North ****	00069284	HISTORY		FINALED	09/16/1999	MACEDO EUGENE		
1000 Vasco Road, North ****	00069919	HISTORY		VOID	09/16/1999	MACEDO EUGENE		
1000 Vasco Road, North ****	00070396	HISTORY		FINALED	09/16/1999	MACEDO EUGENE		
1000 Vasco Road, North ****	00070552	HISTORY		FINALED	09/16/1999	*GENE MACEDO		
1000 Vasco Road, North ****	00070554	HISTORY		FINALED	09/16/1999	*GENE MACEDO		
1000 Vasco Road, North ****	00070666	HISTORY		FINALED	09/16/1999	*GENE MACEDO		
1000 Vasco Road, North ****	00070701	HISTORY		FINALED	09/16/1999	*GENO MACEDO		
1000 Vasco Road, North ****	00071229	HISTORY		FINALED	09/16/1999	MACEDO EUGENE		
1000 Vasco Road, North ****	00072128	HISTORY		VOID	09/16/1999	MACEDO EUGENE		
1000 Vasco Road, North ****	00078639	HISTORY		VOID	09/16/1999	MATT MACEDO		
1000 Vasco Road, North ****	00082372	HISTORY		FINALED	09/16/1999	MACEDO EUGENE		
1000 Vasco Road, North ****	00083236	HISTORY		VOID	09/16/1999	MACEDO EUGENE		
1000 Vasco Road, North ****	BC080195	COMPLAIN	1	CLOSED	08/15/2008	Macedo, Matt		
1000 Vasco Road, North ****	C020981	CODE	BLDGCOM P	CLOSED	06/19/2002	Mogregor, Tracy		
1000 Vasco Road, North ****	C021865	CODE	SGNVIOL4	CLOSED	09/24/2002	Shell Station		
1000 Vasco Road, North ****	C021953	CODE	SGNPRMT	CLOSED	10/03/2002	Genos Shell Station		
1000 Vasco Road, North ****	C022133	CODE	SGNVIOL4	CLOSED	11/13/2002	Macedo, Eugene & Shirley		
1000 Vasco Road, North ****	C022297	CODE	SGNVIOL3	CLOSED	12/18/2002	Geno's Shell Station		
1000 Vasco Road, North ****	C032047	CODE	SGNVIOL4	CLOSED	10/01/2003	Macedo, Eugene A & Shirley A		
1000 Vasco Road, North ****	C082146	CODE	SGNVIOL4	CLOSED	07/17/2008	Celeste Storrs		
1000 Vasco Road, North ****	C083118	CODE	SGNVIOL4	COM/CITE	09/25/2008	Macedo E. & S		
1000 Vasco Road, North ****	C090297	CODE	SGNVIOL4	CLOSED	01/27/2009	Eugene & Shirley Macedo		

Business Name: **GENDO'S** Business Location: **1000 Vasco Rd.**
 Building Owner: **EUGENE MACER** Telephone: **449-3941**
 Building Owner Address: **1000 Vasco Rd** Telephone: **484-0903**
 Contact Person: **BERNIE SHULTS** Title: **ARCHITECT**
 Mailing Address: **4133 Moore Ave #9, Remington CA 94566**

IF YOU ARE NOT SURE ON HOW TO ANSWER ANY OF THE FOLLOWING QUESTIONS, PLEASE CONTACT THE APPLICABLE DEPARTMENT.

Describe the business activity proposed: **PLANNING DEPARTMENT (510)373-5200**
(W/ NEW GAS PUMPS & TANKS) GRADING, PAVING, LANDSCAPE & IRRIGATION

Where applicable: Retail sales of: _____
 Manufacturing of: _____
 Distribution of: _____

Indicate the total number of square feet devoted to each of the following activities for both this tenant and all other tenants in this building:

	THIS TENANT	ALL OTHER TENANTS
Retail Sales:	4000 SF	
Office & Administration:		
Storage & Distribution:		
Manufacturing:		
TOTALS:	BUILDING TOTAL: 2000	SF

Total number of parking spaces on this property: _____ No. of employees in this tenant: _____

WATER RESOURCES DIVISION (510)373-5230

Will the business:
 Require an uninterrupted supply of water? _____
 Discharge cooling water to the sanitary sewer system? _____
 Discharge non-restroom generated sewage to the sanitary sewer? _____
 If yes estimate the following:

Volume in million gallons/year _____
 Estimated B.O.D. in milligrams/liter _____
 Estimated S.S. in milligrams/liter _____

Is the facility equipped with a water meter? _____ yes _____ no
 If yes, does the meter include irrigation usage? _____ yes _____ no

NOTE: The discharge of any waste other than sanitary waste requires City approval and may require a wastewater discharge permit. For information contact Wastewater Source Control at (510)373-5230.

FIRE PREVENTION BUREAU (510)373-5410

HAZARDOUS MATERIALS DECLARATION

Will this facility use, store, transport, handle or spray any hazardous material? _____ yes _____ no
 Examples of hazardous materials include but are not limited to:

carcinogens	flammable solids	oxidizers	combustible liquids
combustible liquids	explosives	hazardous waste	pesticides
flammable liquids	solvents	liquid petroleum gas	poisons
toxic materials	highly toxic materials		

Included in this list are motor oils, antifreeze, paint, lacquer thinner and other common materials.
 COMPLETE EMERGENCY CONTACT INFORMATION RECORD ON THE BACK OF THE FIRST SHEET.
 I DECLARE THAT THE RESPONSES I HAVE MADE ON THIS FORM ARE TRUE TO THE BEST OF MY KNOWLEDGE AND THAT I WILL COMPLY WITH ALL CITY ORDINANCES AND REGULATIONS PERTAINING TO THIS BUSINESS.

Appendix C

Genos Country Store, Inc.

1000 N. Vasco Rd.

Livermore, CA 94551

Inquiry Number: 2448230.3

March 20, 2009

Certified Sanborn® Map Report



440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

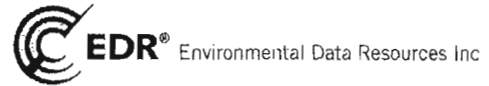
3/20/09

Site Name:

Genos Country Store, Inc.
1000 N. Vasco Rd.
Livermore, CA 94551

Client Name:

Krazan & Associates, Inc.
215 West Dakota
Clovis, CA 93612



EDR Inquiry # 2448230.3

Contact: Amanda Williams

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Krazan & Associates, Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Genos Country Store, Inc.
Address: 1000 N. Vasco Rd.
City, State, Zip: Livermore, CA 94551
Cross Street:
P.O. # NA
Project: 013-09074
Certification # 3203-4DDE-8287



Sanborn® Library search results
Certification # 3203-4DDE-8287

UNMAPPED PROPERTY

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

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

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Appendix D

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

StID 4139

May 23, 2000

Mr. Geno Macedo
Geno's Deli
1000 N. Vasco Road
Livermore, CA 94550

Re: Fuel Leak Site Case Closure for 1000 N. Vasco Road, Livermore, CA

Dear Mr. Macedo:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Protection Division is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- up to 160ppm TPH as gasoline and diesel, and 0.34ppm benzene exists in soil beneath the site;
- up to 228ppb TPHd exists in groundwater beneath the site; and,
- structural integrity of sanitary seals and well heads must be maintained.

If you have any questions, please contact me at (510) 567-6762.

eva chu
Hazardous Materials Specialist

enclosures: 1. Case Closure Letter 2. Case Closure Summary

c: Dave Clemens, City of Livermore, Planning Div., 1052 S. Livermore Ave., Livermore,
CA 94550

✓ files (geno's:7)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

REMEDIAL ACTION COMPLETION CERTIFICATION

**StID 4139 - 1000 North Vasco Road, Livermore, CA
(3-10K gallon gasoline and 1-10K gallon diesel USTs removed on 10/6/94))**

May 22, 2000

Mr. Geno Macedo
Geno's Deli
1000 N. Vasco Road
Livermore, CA 94550

Dear Mr. Macedo:

This letter confirms the completion of site investigation and corrective for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code. Please contact our office if you have any questions regarding this matter.

Sincerely,

Mee Ling Tung, Director

cc: Ariu Levi, Chief of Division of Environmental Protection
Chuck Headlee, RWQCB
Allen Patton, SWRCB
Danielle Stefani, Livermore-Pleasanton FD
✓files-ec (geno's-6)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO# 410

ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9335 (FAX)

StID 4139

November 4, 1998

Mr. Geno Macedo
Geno's Deli
1000 N Vasco Road
Livermore, CA 94550

RE: Well Decommission at 1000 N Vasco Road, Livermore, CA

Dear Mr. Macedo:

This office and the San Francisco RWQCB have reviewed the case closure summary for the above referenced site and concur that no further action related to the underground tank release is required at this time. Before a remedial action completion letter is sent, the onsite monitoring wells (MW-1 through MW-3) should be decommissioned, if they will no longer be monitored. Please notify this office upon completion of well destruction so a closure letter can be issued.

Well destruction permits may be obtained from Alameda County Flood Control and Water Conservation, Zone 7. They can be reached at (510) 484-2600.

Well destruction permits may be obtained from Alameda County Public Works. They can be reached at (510) 670-5575.

If you have any questions, I can be reached at (510) 567-6762.

Sincerely,

eva chu
Hazardous Materials Specialist

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0410

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH

ALAMEDA COUNTY-ENV. HEALTH DEPT.
ENVIRONMENTAL PROTECTION DIV.
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577
(510)567-6700

StID 4139

September 22, 1995

Mr. Geno Macedo
54700 Beaver Ln
Byron, CA 94514

RE: QMR for 1000 North Vasco Rd, Livermore 94550

Dear Mr. Macedo:

I have completed review of H₂OGEOL's August 1995 Soil Sampling, Monitoring Well Installation report for the above referenced site. Groundwater in the vicinity of the former diesel underground storage tank is detecting low levels of diesel contaminant. At this time, a quarter monitoring/sampling schedule should be established for this site. Quarterly monitoring reports (QMRs) are also due within 60 days upon completion of field work. The next sampling event should be in October 1995.

If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

cc: files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0410

RAFAT A. SHAHID, Assistant Agency Director

ALAMEDA COUNTY CC4580
DEPT. OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL PROTECTION DIV.
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577

StID 4139

April 14, 1995

Mr. Geno Macedo
5470 Beaver Ln
Byron, CA 94514

RE: Workplan Approval for 1000 North Vasco Rd, Livermore 94550

Dear Mr. Macedo:

I have completed review of H₂OGEOL's April 1995 Workplan to Install Three Groundwater Monitoring Wells at the above referenced site. This proposal is acceptable and field work should commence within 60 days of the date of this letter, or by June 16, 1995. Please notify this office at least 72 hours prior to the start of field activities.

The workplan does not propose to collect soil samples from the borings. Please be advised, soil samples should be collected at 5' intervals, at changes in lithology, and where soil appears to be contaminated. All contaminated soil samples should be taken to an approved laboratory for analysis, otherwise, a sample collected from the capillary fringe should be analyzed for petroleum hydrocarbons.

Also, there should be 72 hours between the installation and development of the wells.

If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

cc: Gary Lowe, P.O.Box 2165, Livermore 94551
files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0410

RAFAT A. SHAHID, Assistant Agency Director

StID 4139

January 20, 1995

Mr. Geno Macedo
5470 Beaver Ln
Bryon, CA 94514

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

RE: PSA for Geno's Deli, 1000 North Vasco Rd, Livermore 94550

Dear Mr. Macedo:

When three gasoline and one diesel underground storage tanks (USTs) were removed from the above referenced site on October 6, 1994, soil samples collected from the tank pits and fuel dispensers exhibited elevated levels of petroleum hydrocarbons (up to 2,500 parts per million total petroleum hydrocarbons as gasoline (ppm TPH-G), 1,400 ppm TPH as diesel, 9.5 ppm benzene, etc.). Grab groundwater samples detected up to 4,400 parts per billion (ppb) TPH-G, 64,000 ppb TPH-D, and 91 ppb benzene. Clearly an unauthorized release of fuel products have occurred as a result of the operation of the former USTs, product lines, and/or fuel dispensers.

At this time, additional investigations are required to determine the extent and severity of soil and groundwater contamination at this site. Such an investigation shall be in the form of a **Preliminary Site Assessment**, or PSA. The information gathered by the PSA will be used to determine an appropriate course of action to remediate the site, if deemed necessary. The PSA must be conducted in accordance with the RWQCB Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks, and Article 11 of Title 23, California Code of Regulations. The major elements of such an investigation are summarized in the attached Appendix A.

The PSA proposal is due **within 45 days** of the date of this letter. Once the proposal is approved, field work should commence within 60 days. A report must be submitted within 45 days after the completion of this phase of work at the site. Subsequent reports are to be submitted quarterly until this site qualifies for RWQCB "sign off." All reports and proposals must be submitted under seal of a California Registered Geologist, Certified Engineering Geologist, or Registered Civil Engineer.

Please be advised that this is a formal request for technical reports pursuant to Title 23, CCR, Section 2722(c). Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by this agency.

Geno Macedo
re: PSA for 1000 N Vasco Rd
January 20, 1995

Page 2

Should you have any questions about the content of this letter,
please contact me at (510) 567-6762.

Sincerely,



eva chu
Hazardous Materials Specialist

cc: files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

R0410

StID 4139

January 11, 1995

Mr. Geno Macedo
Geno's Deli
1000 N Vasco Rd
Livermore, CA 94550

ALAMEDA COUNTY-ENV. HEALTH DEPT.
ENVIRONMENTAL PROTECTION DIV.
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577
(510)567-6700

RE: Tank Closure Report for 1000 N Vasco Rd, Livermore 94550

Dear Mr. Macedo:

On October 19, 1994 I witnessed the removal of four underground storage tanks from the above referenced site. To date, I am not in receipt of a tank closure report documenting the removal, soil and groundwater analytical results, tank manifests, etc. Please submit this report within 15 days of the date of this letter, or by January 31, 1995.

This office has also received a complaint regarding the stockpiled soil. Be advised that unless the stockpiled soil is undergoing remediation, it should otherwise be covered to prevent runoff of contaminants into the storm drain. Once this has been done please contact me at (510) 567-6762 so the complaint can be abated.

Sincerely,

eva chu
Hazardous Materials Specialist

cc: Richard Walton, Walton Engineering, P.O. Box 1025, West
Sacramento, CA 95691
files

ALAMEDA COUNTY

HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0410

12 July 1989

DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Program

80 Swan Way, Rm. 200

Oakland, CA 94621

(415)

271-4320

③

Allison K. Frost
Kaiser Permanente
RMCA Department, 10th Floor
1924 Broadway
Oakland, CA 94612

Subject: Records Review concerning the Preston Avenue and Pullman Avenue area of Livermore.

Dear Ms. Frost:

As per your request of 25 May, 1989, a review of our records for all sites within one mile of the area in question has been conducted. The following businesses have been identified as being hazardous waste generators.

- 5668 Brisa St., Caltex Protective Incorporated
- 5775 Brisa St., Vanier Graphics Corporation
- 4877 S. Front St., Cal Gas
- ✓ (R0477) 4904 S. Front St., Bill's Chevron
- 5605 S. Front St., Bay Cal Equipment Company
- 5715 S. Front St., East Bay Four Wheel
- .(R0685) 115 Vasco Rd., Texaco Service Station

The following sites currently have or have in the past had underground storage tanks.

- 4877 S. Front St., Cal Gas, One 500 gallon tank was removed on 12 May, 1989. There was no evidence of leakage associated with this tank.
- ✓ (R0477) 4904 S. Front St., Bill's Chevron, Four tanks are located at this site.
- 5605 S. Front St., Bay Cal Equipment Company, Two 10,000 gallon tanks were removed in 1988. No evidence of leakage was discovered.
- .(R0685) 115 Vasco Rd., Texaco Service Station, Three tanks are located at this site.
- (R0410) 1000 N. Vasco Rd., Geno's Deli, Four tanks are located at this site.

Allison K. Frost
Kaiser Permanente
RMCA Department, 10th Floor
1924 Broadway
Oakland, CA 94612
Records Review
12 July 1989
Page 2 of 2.

The following active remediation sites are located within the area in question.

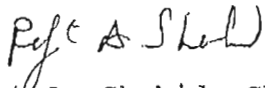
5605 S. Front St., Bay Cal Equipment Company.
Up to 10,000 parts per million of oil contamination was discovered in the soil at this site. The source of this contamination was believed to be leakage from heavy equipment which was parked and washed over the affected area. 130 to 150 cubic yards of contaminated soil was excavated and disposed of as hazardous waste. One monitoring well has been established downgradient of the contaminated area to detect any groundwater impact.

This letter is limited to information available to this department and does not reflect information which may be accessible from other agencies or businesses involved with these properties.

Our files contain considerable documentation regarding the sites described in this letter. Should you desire, please submit a description of any documentation that you would like to receive for a specific site. Copies of non-trade secret information in our files will be provided to you at a cost of \$1.00 per page.

Please direct any further correspondence or question you have regarding this matter to Dennis Byrne, Hazardous Materials Specialist, at (415) 271-4320.

Sincerely,



Rafat A. Shahid, Chief,
Hazardous Materials Division

RAS:DB

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0410

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

Certified Mail # P 386 338 430

10/18/94
STID# 4139

Notice of Requirement to Reimburse

Geno Macedo
Geno's Deli
1000 North Vasco Rd
Livermore, CA 94550

Responsible Party
Property Owner

Geno's Deli
1000 N Vasco Rd
Livermore, CA 94550

SITE Date First Reported 10/06/94
Substance: Gasoline
Petroleum: (X) Yes

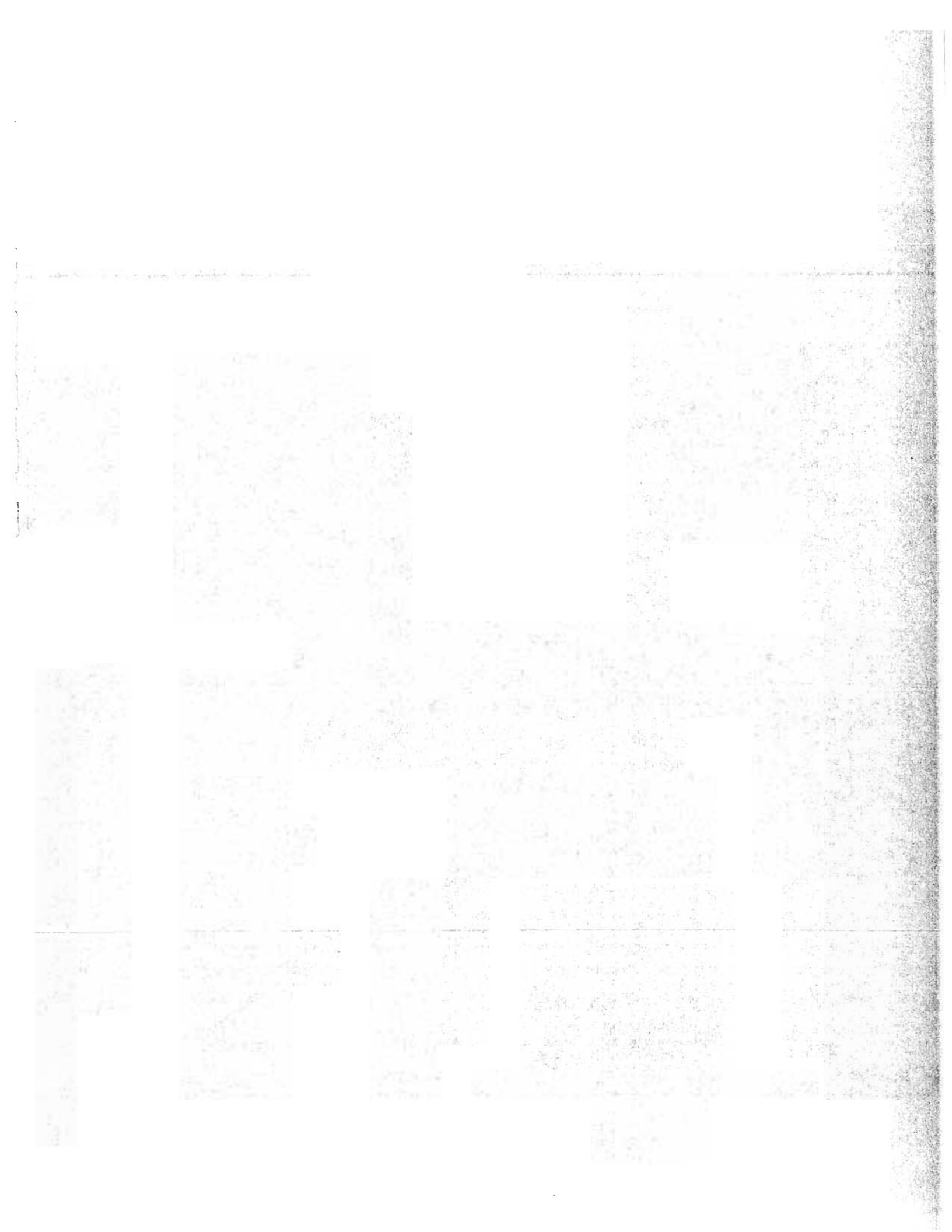
The federal Petroleum Leaking Underground Storage Tank Trust Fund (Federal Trust Fund) provides funding to pay the local and state agency administrative and oversight costs associated with the cleanup of releases from underground storage tanks. The legislature has authorized funds to pay the local and state agency administrative and oversight costs associated with the cleanup of releases from underground storage tanks. The direct and indirect costs of site investigation or remedial action at the above site are funded, in whole or in part, from the Federal Trust Fund. The above individual(s) or entity(ies) have been identified as the party or parties responsible for investigation and cleanup of the above site. **YOU ARE HEREBY NOTIFIED** that pursuant to Title 42 of the United States Code, Section 6991b(h)(6) and Sections 25297.1 and 25360 of the California Health and Safety Code, the above Responsible Party or Parties must reimburse the State Water Resources Control Board not more than 150 percent of the total amount of site specific oversight costs actually incurred while overseeing the cleanup of the above underground storage tank site, and the above Responsible Party or Parties must make full payment of such costs within 30 days of receipt of a detailed invoice from the State Water Resources Control Board.

Please contact Eva CHU, Hazardous Materials Specialist at this office if you have any questions concerning this matter.

Edgar B. Howell, III, Chief
Contract Project Director

cc: Mike Harper, SWRCB

SWRCB Use: ADD : X Reason: New Case



UNDERGROUND STORAGE TANK REMOVAL REPORT

GINO'S COUNTRY STORE
1000 N. VASCO ROAD
LIVERMORE, CALIFORNIA

Grayland No. 022-030
December 28, 1994

Prepared For:

Mr. Michael Walton
Walton Engineering
P.O. Box 1025
West Sacramento, California 95691

Prepared By:

GRAYLAND ENVIRONMENTAL
2731 Quail Street
Davis, California 95616

This document has been submitted for the sole and exclusive use of our client, and shall not be disclosed or provided to any other entity, corporation, or third party without the prior express written consent of Grayland Environmental. The findings, interpretations and recommendations presented herein are according to generally accepted professional geologic practice at the time of preparation. There is no other warranty either expressed or implied.

GRAYLAND ENVIRONMENTAL

December 28, 1994
022-030

Mr. Michael Walton
Walton Engineering
P.O. Box 1025
West Sacramento, California 95691

Subject: Underground Storage Tank Removal Report
 Gino's Country Store
 1000 N. Vasco Road
 Livermore, California 94550-9268

Dear Mr. Walton:

At the request of Walton Engineering, a geologist from Grayland Environmental (*Grayland*) arrived at Gino's Country Store on October 6, 1994, to oversee and assist with the removal of three 10,000-gallon underground gasoline storage tanks and one 10,000-gallon underground diesel fuel storage tank. Gino's Country Store (site) is located approximately one block north of Interstate 540 at 1000 North Vasco Road in Livermore, California (Figure 1). *Grayland* was present at the site to collect the required soil samples from beneath each tank and fuel dispenser area, and from stockpiled soil generated during the tank removal work.

BACKGROUND

Geno's Country Store began operating in 1976; prior to that time, the site was occupied by a grocery store and plant nursery. Following the opening of Gino's Country Store, four underground storage tanks were installed in 1978 for the purpose of storing leaded and unleaded gasoline and diesel fuel for retail sale. All of the tanks passed their most recent tank integrity tests for tightness in January of 1993. The three former gasoline tanks were located together adjacent to the eastern edge of the site near North Vasco Road; the former diesel fuel tank was located approximately 100 feet farther north next to the northern edge of the site (Figure 2). The northern edge of the site is bounded by a drainage slough (Figure 2). The site is bounded on the east by North Vasco Road, across from which is a trailer park, and is bounded on the south by a vacant undeveloped lot. West of the site is an older rural residence, while farther west across Central Avenue is a newer residential development (Figure 2).

Mr. Michael Walton
December 28, 1994

TANK REMOVAL

All four underground storage tanks were removed from the ground on October 6, 1994, by Walton Engineering of West Sacramento, California. The tanks were loaded on to trailers and hauled from the site by H & H Environmental Services. The tanks and underground piping were constructed from fiberglass material. Prior to tank removal, the fuel dispensers were dismantled and removed and the piping was back-flushed into the tanks. A visual inspection of the tanks during their removal indicated that the tanks appeared in good condition with no visible perforations evident. The fiberglass tanks were removed for the purpose of installing larger double-wall underground storage tanks.

SOIL SAMPLING

Because groundwater was present in each of the tank excavations, soil samples could not be collected from beneath the underground storage tanks. Soil samples, however, were collected from the sidewalls of the tank excavations at depths immediately above groundwater level. Groundwater was present in the gasoline tank excavation (P1) at approximately 9 feet below ground surface; while groundwater was present at approximately 7 feet below ground surface in the diesel fuel tank excavation (P2). Each soil sample was collected *insitu* or from the bucket of the excavator using a hand-operated percussion core sampler containing a clean stainless steel sample sleeve. Each bucket sample was collected immediately after removing native soil from the sidewalls of the excavations at several different locations (Figure 3). Sidewall soil appeared stained mainly at the southwestern corner of P1 and on all four sidewalls of P2.

Minor overexcavation of each tank pit was conducted immediately following the tank removal work (Figure 3). Overexcavation of P1 was conducted at the southwest corner of the excavation because this was the area of the former product delivery lines and because soil at this location was significantly stained and had a moderately strong odor of petroleum hydrocarbons. Overexcavation of P2 was conducted at the western end of the excavation in order to evaluate the extent of vadose zone soil contamination. One additional soil sample was collected at the farthest extent of each of the overexcavated areas.

Test pits were excavated where the former gasoline dispensers were located. Soil samples were collected from approximately 4 feet below ground surface in each of the test pits and at approximately 10 feet below ground surface in test pit FD2 (Figure 3). Soil collected from FD2 at 4 feet was greatly discolored and had a strong odor of petroleum hydrocarbons; whereas soil collected from FD2 at 10 feet was discolored but had only a slight odor of gasoline.

The stockpiled soil was sampled by first removing approximately 1 foot of soil from the surface of the pile and then driving a clean stainless steel sleeve into the exposed surface using the percussion core sampler. Three individual soil samples were collected from areas of stockpile SP1 where obvious contamination was present (Figure 2).

Mr. Michael Walton
December 28, 1994

Immediately after collecting each soil sample, each sample sleeve was sealed with plastic end caps, labeled with the project and sample identification numbers and date, placed in iced storage, and delivered the next day to an environmental laboratory under strict chain of custody.

GROUNDWATER SAMPLING

Groundwater was sampled from each open excavation for laboratory analysis. Groundwater samples were collected by lowering a clean plastic bailer slowly through the air-water interface and retrieving a groundwater specimen. Each specimen was transferred from the bailer slowly through a bailer port to laboratory-sterilized glass containers. Two 40-milliliter vials and two 1-liter amber jars were filled with water retrieved from P2 so that no air space remained in the containers. Groundwater collected from P2 had a strong odor of petroleum hydrocarbons and an oily texture. Some floating product appeared to be present in P2. Groundwater collected from P1 was transferred to two 40-milliliter vials in the aforementioned manner and to two 12-ounce plastic drinking water containers. Groundwater collected from P1 did not have an odor of petroleum hydrocarbons and was not greatly discolored.

LABORATORY ANALYSES

All of the soil and groundwater samples were analyzed by Matrix Environmental Laboratories, Inc. of Rancho Cordova, California. The soil samples collected from the sidewalls of P1 and the fuel dispenser test pits (FD1 and FD2) were analyzed for total petroleum hydrocarbons in the range of gasoline (TPHg) using Environmental Protection Agency (EPA) Method 8015 (modified) with purge and trap EPA Method 5030, and for the volatile organic constituents benzene, toluene, ethylbenzene, and total xylene isomers (BTEX) using EPA Method 8020. Soil samples collected from the sidewalls of P2 were analyzed for TPHg and BTEX using the aforementioned methods and for total petroleum hydrocarbons as diesel fuel (TPHd) using EPA Method 8015 (modified) with solvent extraction EPA Method 3550. In addition, the soil sample collected from the southwest corner of P1 was analyzed for total threshold limit concentration (TTLC) lead using EPA Method 7420.

Groundwater collected from P1 was analyzed for TPHg using the same method as for soil, for BTEX components using EPA Method 602, and for TTLC lead using EPA Method 7420. Groundwater collected from P2 was analyzed for TPHg, TPHd, and BTEX using their respective methods. Matrix Laboratories is certified by the State of California for all of the above stated analyses.

LABORATORY RESULTS

Laboratory results indicated that low concentrations of TPHg and/or BTEX were present in every soil sample (except for S-8.5-P1SE) collected from the sidewalls of the gasoline tank pit P1 (Table 1). Slightly elevated concentrations of TPHg with very low concentrations of BTEX were found in the sidewalls of the diesel tank pit P2 (Table 1). Moderate to high concentrations of TPHg and BTEX were present in soil collected from the area of the underground piping and fuel dispensers, while moderate concentrations of TPHd were detected in the sidewall samples of P2 (Table 1). The

Mr. Michael Walton
December 28, 1994

stockpile samples from SP1 (Figure 2) contained low to moderate concentrations of TPHg and BTEX with moderate to high concentrations of TPHd (Table 1). Only 14 parts per million (ppm) TTLC lead was detected in soil sample S-8-P1SW collected from the southwest corner of the gasoline tank pit P1. This concentration of TTLC lead is well below the criteria for requiring mitigation action.

The results of the laboratory analyses of groundwater samples collected from each of the open excavations indicated that relatively high concentrations of dissolved TPHg, BTEX, and TPHd were present (Table 2). The TTLC lead analysis of groundwater collected from P1 indicated that lead was not present in groundwater at a concentration greater than the detection limit (0.05 ppm) of the laboratory method. The chain of custody record and laboratory reports for all of the soil and groundwater samples are presented in Appendix A.

OVEREXCAVATION WORK

Grayland returned to the site on October 19, 1994, to assist with overexcavation of the fuel dispenser areas and to collect soil samples from the sidewalls of the overexcavations E1 and E2 (Figure 4). The gasoline dispenser island area (E1) was excavated to a depth of approximately 7.5 to 8 feet below ground surface. Groundwater was encountered at approximately 8 to 8.5 feet below ground surface at the southeast corner of excavation E1. Soil samples were collected from the bucket of the excavator using a hand-operated percussion core sampler immediately after removing soil from the sidewalls at approximately 7 to 7.5 feet below ground surface. This depth coincided with the transition zone between the vadose and capillary fringe zones. The overexcavation work at E1 extended from immediately south of the southernmost former gasoline dispenser northward to intersect with the previously overexcavated area of the gasoline tank pit P1 (Figure 4).

The former diesel fuel tank pit was overexcavated (E2) along the southern sidewall where the former fuel dispenser was present (Figure 4). Soil was sampled at this location in the same manner as previously described. The samples were sealed, placed in iced storage, and delivered to Matrix Laboratories on the following day under the required chain of custody record.

**TABLE 1
LABORATORY RESULTS OF TANK REMOVAL SOIL SAMPLES
GINO'S COUNTRY STORE
LIVERMORE, CALIFORNIA**

Sample Number	TPHg	Benzene	Toluene	Ethyl- benzene	Total Xylenes	TPHd
Gasoline Tank						
Excavation						
S-8-P1W	6.2	0.0087	0.0083	<0.005	0.018	NA
S-8-P1NW	28	0.054	0.43	0.19	2	NA
S-8-P1NM	2.1	0.0093	0.032	0.014	0.13	NA
S-8-P1NE	6	0.0064	0.015	0.0069	0.054	NA
S-8-P1E	<1	<0.005	0.009	<0.005	0.038	NA
S-8.5-P1SE	<1	<0.005	<0.005	<0.005	<0.015	NA
S-8-P1SM	8.7	0.04	0.082	0.018	0.13	NA
S-8-P1SW	22	0.03	0.024	0.022	0.057	NA
S-8-P1SWb	1,100	0.51	0.82	2.7	17	NA
Diesel Tank						
Excavation						
S-7-P2N	23	0.011	0.017	0.036	0.25	160
S-7-P2E	<1	<0.005	0.0081	<0.005	0.02	<1
S-7-P2S	95	0.01	0.16	0.74	2.9	1,400
S-7-P2Wa	110	0.01	0.15	0.63	3.1	550
S-7-P2Wb	89	<0.005	0.061	0.21	2.0	110
Fuel Dispensers						
S-4-FD1	4.8	<0.005	<0.005	0.023	0.083	NA
S-4-FD2	2,500	9.5	130	86	680	NA
S-10-FD2	40	0.32	3	1.7	13	NA
Stockpile						
S-SP1A	61	0.023	0.12	0.31	2.3	320
S-SP1B	82	0.014	0.15	0.44	2.9	1,100
S-SP1C	57	0.012	0.086	0.36	1.4	280

Laboratory results reported in mg/kg (parts per million)
 TPHg = Total Petroleum Hydrocarbons as gasoline
 TPHd = Total Petroleum Hydrocarbons as diesel fuel
 <1.0 = Less than the laboratory method detection limits
 NA = Not Analyzed

Mr. Michael Walton
 December 28, 1994

**TABLE 2
 LABORATORY RESULTS OF TANK REMOVAL GROUNDWATER SAMPLES
 GINO'S COUNTRY STORE
 LIVERMORE, CALIFORNIA**

Sample Number	TPHg	Benzene	Toluene	Ethyl- benzene	Total Xylenes	TPHd
Gasoline Tank Excavation						
W-9-P1	3,200	91	65	<15	120	NA
Diesel Tank Excavation						
W-7-P2	4,400	1.1	0.51	4.2	12	64,000
Laboratory results reported in $\mu\text{g}/\text{kg}$ (parts per billion) TPHg = Total Petroleum Hydrocarbons as gasoline TPHd = Total Petroleum Hydrocarbons as diesel fuel <15 = Less than the laboratory method detection limits NA = Not Analyzed						

LABORATORY ANALYSES AND RESULTS

The soil samples collected from the former gasoline dispenser area were analyzed by the environmental laboratory for TPHg and BTEX using the aforementioned EPA methods. The single soil sample collected from overexcavation E2 was analyzed for TPHg, BTEX, and TPHd. The chain of custody record and laboratory reports are presented in Appendix A.

The results of the laboratory analyses indicated that only low concentrations of TPHg and BTEX remain in the subsurface transition zone soil beneath the former gasoline dispensers everywhere except at the north end of overexcavation E1 (Figure 4). Soil collected from the north end of overexcavation E1 contained a somewhat elevated concentration of TPHg with slightly elevated concentrations of BTEX (see S-7-E1N on Table 3). No TPHd was detected in the soil sample collected from overexcavation E2 where the former diesel fuel dispenser was located (Figure 4).

Mr. Michael Walton
 December 28, 1994

TABLE 3
LABORATORY RESULTS OF OVEREXCAVATION SOIL SAMPLES
GINO'S COUNTRY STORE
LIVERMORE, CALIFORNIA

Sample Number	TPHg	Benzene	Toluene	Ethyl- benzene	Total Xylenes	TPHd
Fuel Dispenser Overexcavation						
S-7-E1N	160	0.082	0.1	1.2	17	NA
S-7-E1Ea	4.6	0.048	<0.005	0.018	0.24	NA
S-7-E1Eb	2.3	0.017	<0.005	<0.005	<0.015	NA
S-7-E1S	3	0.079	0.0068	0.015	0.051	NA
S-7-E1Wa	28	0.34	0.025	0.053	0.39	NA
S-7-E1Wb	2.9	0.051	0.0093	0.0075	0.06	NA
S-7-E2S	2.3	0.016	<0.005	<0.005	<0.015	<1
Laboratory results reported in mg/kg (parts per million)						
TPHg = Total Petroleum Hydrocarbons as gasoline						
TPHd = Total Petroleum Hydrocarbons as diesel fuel						
<1 = Less than the laboratory method detection limits						
NA = Not Analyzed						

Both of the tank excavations P1 and P2 were backfilled with pea gravel up to the depth which coincided with groundwater elevation at the time of backfilling. The pea gravel layer was covered with an impermeable fabric and the remaining excavation was backfilled with clean overburden soil to grade. The upper five feet of soil was compacted using a track-mounted excavator and sheep's foot soil compactor to greater than 90% of ASTM D 1557 maximum dry density.

Prior to backfilling the former diesel fuel tank pit, five gallons of a bio-enzyme product and five gallons of a bio-nutrient formula were added to the groundwater in the pit in order to stimulate existing bacteria to biodegrade hydrocarbons present in the groundwater. In addition, two 2-inch diameter polyvinyl chloride (PVC) lines were slotted and placed at the base of the excavation beneath the groundwater. The lines were extended to the surface with blank casing so that compressed air could be delivered to the subsurface where the contaminated groundwater and pea gravel are present.

Mr. Michael Walton
December 28, 1994

SUMMARY AND RECOMMENDATIONS

Based on the results of the soil and groundwater sampling and laboratory analyses program conducted by *Grayland* during the tank removal work at the site, soil and groundwater contaminated with petroleum hydrocarbon products is present at the site as a result of the operation of the former underground storage tanks, product delivery pipelines, and fuel dispensers. Soil contamination was found mainly in native soil and backfill material beneath the former gasoline and diesel fuel dispenser islands. Based on laboratory data of soil samples collected during the overexcavation work, the bulk of the contaminated soil at these locations appears to have been successfully removed from the subsurface. All of the contaminated soil has been stockpiled onsite.

It is the opinion of *Grayland*, that because groundwater beneath the site has been significantly impacted by the release of petroleum hydrocarbons, corrective action will be required by the state and local regulatory agencies. We recommend that a minimum of four monitor wells be installed at the site to evaluate the extent of the groundwater contamination and to calculate the direction of groundwater flow beneath the site.

Grayland also recommends that a permit for soil aeration be obtained from the Alameda County Air Quality Management District, and that the stockpiled soil be spread across the western part of the site. It will be necessary to bio-treat the soil to degrade higher boiling-point hydrocarbons present in the soil. Operation of the biodegradation process will require turning the soil bi-weekly, at a minimum, maintaining a 20 to 30% soil moisture content, and re-sampling the stockpile for verification of successful soil contaminant mitigation.

If you have any questions regarding this underground storage tank removal report, please give our office a call. Thank you very much for the opportunity to work with Walton Engineering.

Sincerely,
Grayland Environmental

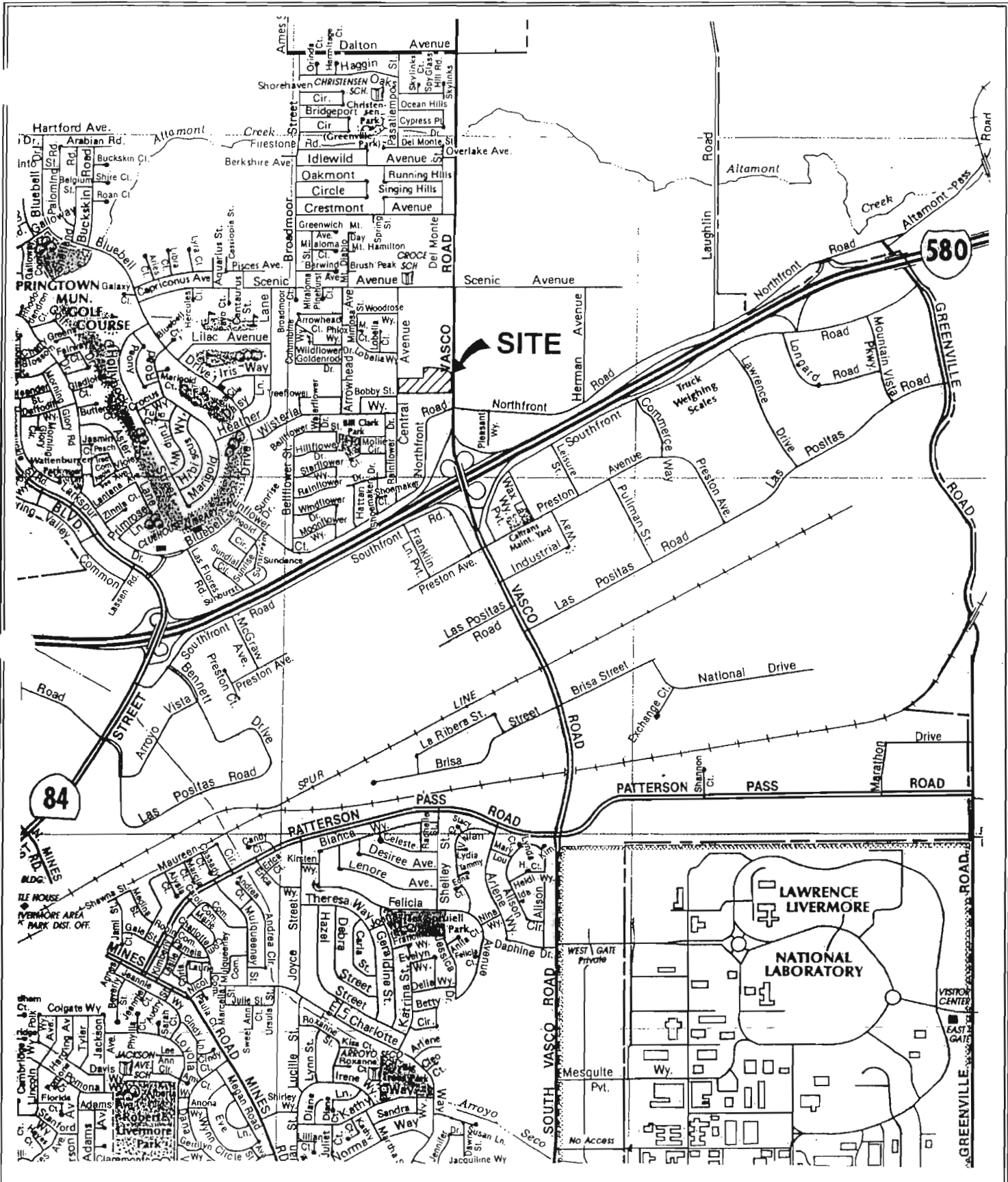
Jeff A Clayton Pgr (916) 757-0448

Jeffrey A. Clayton, R.G., REA
Principal Geologist



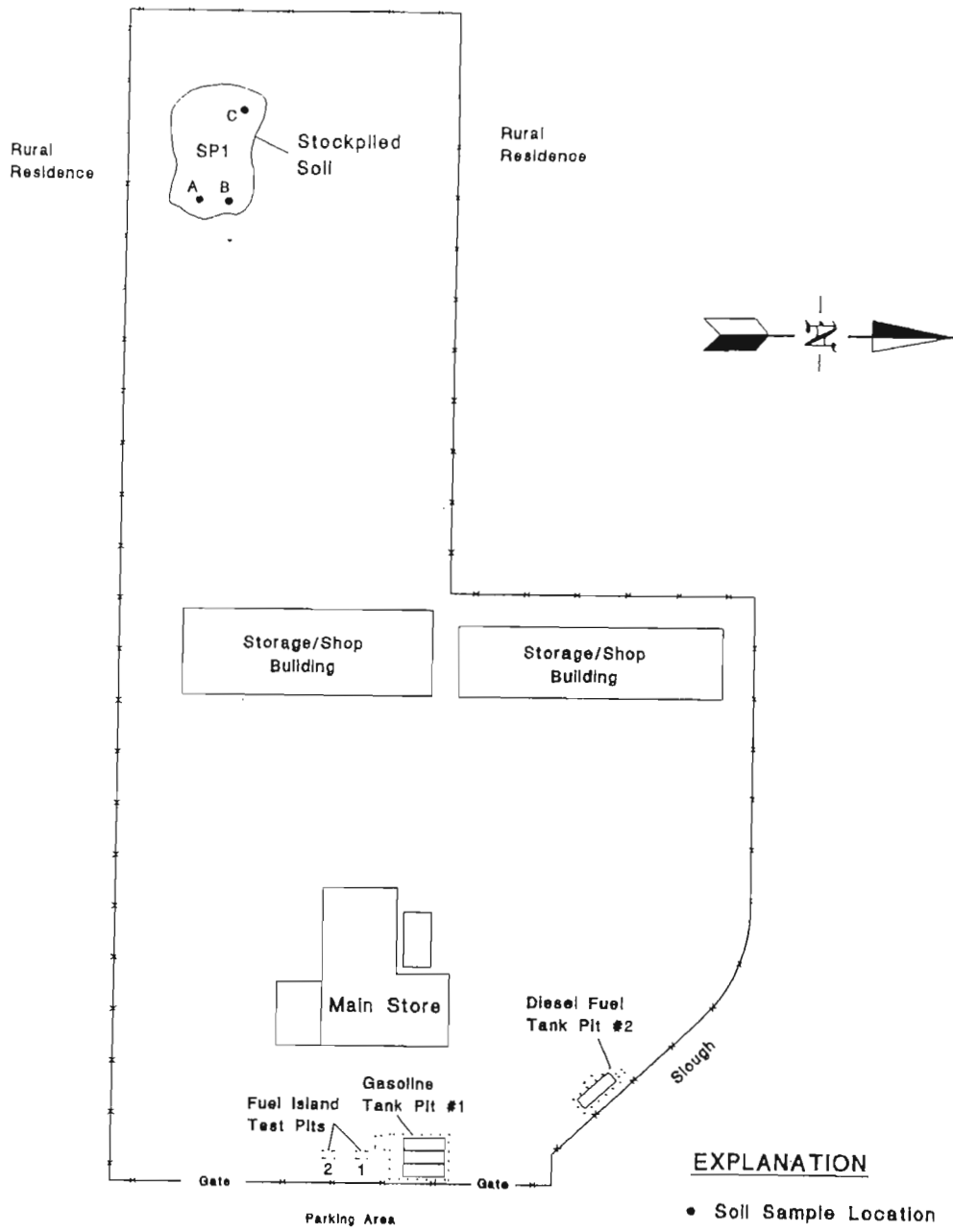
JAC:jbc

cc: Mr. Geno and Ms. Shirley Macedo (owners)
Ms. eva chu (Alameda County Department of Environmental Health)



DTD BY: JAC	CHECKED BY:	PROJECT NO. 022-030	SCALE: 1:24,000	GRAYLAND ENVIRONMENTAL
DWG. DATE: 1993	REV. DATE: 1993	GENO'S COUNTRY STORE	FIGURE 1	
MAP SOURCE: Compass Maps, Inc. Livermore Pleasanton		1000 N. VASCO ROAD LIVERMORE, CALIFORNIA	SITE LOCATION MAP	2731 Quail Street Davis, CA 95616

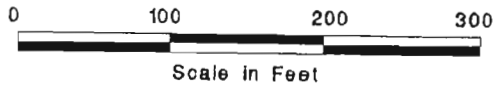
Housing Development



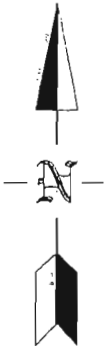
EXPLANATION

• Soil Sample Location

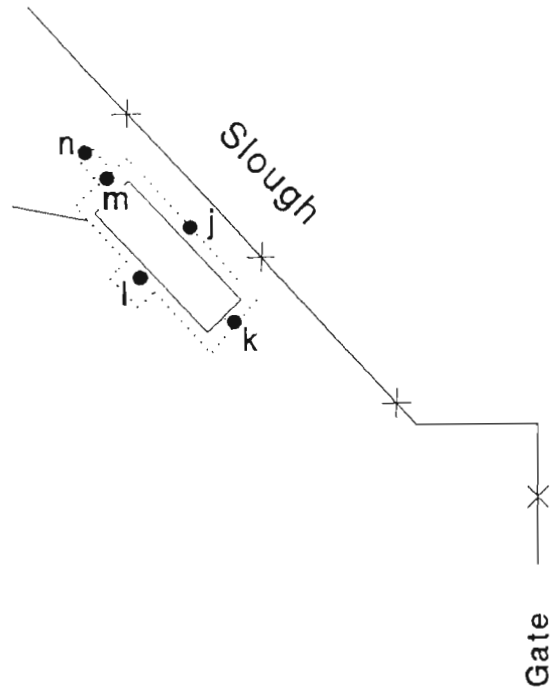
VASCO ROAD



DRAFTED BY: JAC	CHECKED BY: JAC	PROJECT NO. 022-030	SCALE: 1:1,500	GRAYLAND ENVIRONMENTAL
DWG. DATE: 10-6-94	REV. DATE: 10-7-94	GENO'S COUNTRY STORE	FIGURE 2	
MAP SOURCE: Site Visit Sketch		1000 N. VASCO ROAD LIVERMORE, CALIFORNIA	GENERALIZED SITE PLAN	



Diesel Fuel
Tank Pit #2

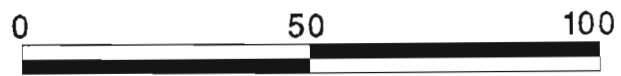
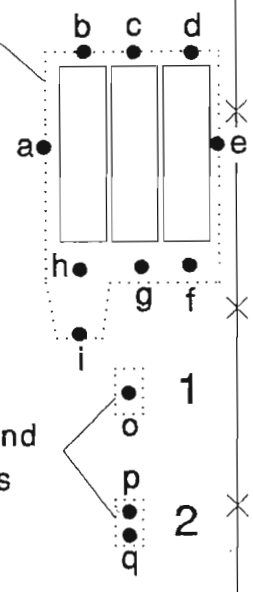


EXPLANATION

• Soil Sample Location

- a = S-8-P1W
- b = S-8-P1NW
- c = S-8-P1NM
- d = S-8-P1NE
- e = S-8.5-P1E
- f = S-8.5-P1SE
- g = S-8-P1SM
- h = S-8-P1SW
- i = S-8-P1SWb
- j = S-7-P2N
- k = S-7-P2E
- l = S-7-P2S
- m = S-7-P2Wa
- n = S-7-P2Wb
- o = S-4-FD1
- p = S-4-FD2
- q = S-10-Fd2

Gasoline
Tank Pit #1



Scale in Feet

DRAFTED BY: JAC	CHECKED BY: JAC	PROJECT NO. 022-030	SCALE: 1:400	GRAYLAND ENVIRONMENTAL
DWG. DATE: 10-6-94	REV. DATE: 10-7-94	GENO'S COUNTRY STORE	FIGURE 3	
MAP SOURCE Site Visit Sketch		1000 N. VASCO ROAD LIVERMORE, CALIFORNIA	SOIL SAMPLE LOCATION MAP	2731 Quail Street Davis, CA 95616



Diesel Fuel
Tank Pit P2
(Backfilled)

Overexcavation
(E2) Diesel Fuel
Dispenser Area

Slough

Gate

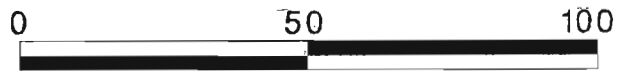
Gasoline
Tank Pit P1
(Backfilled)

Overexcavation
(E1) Gasoline
Dispenser Area

EXPLANATION

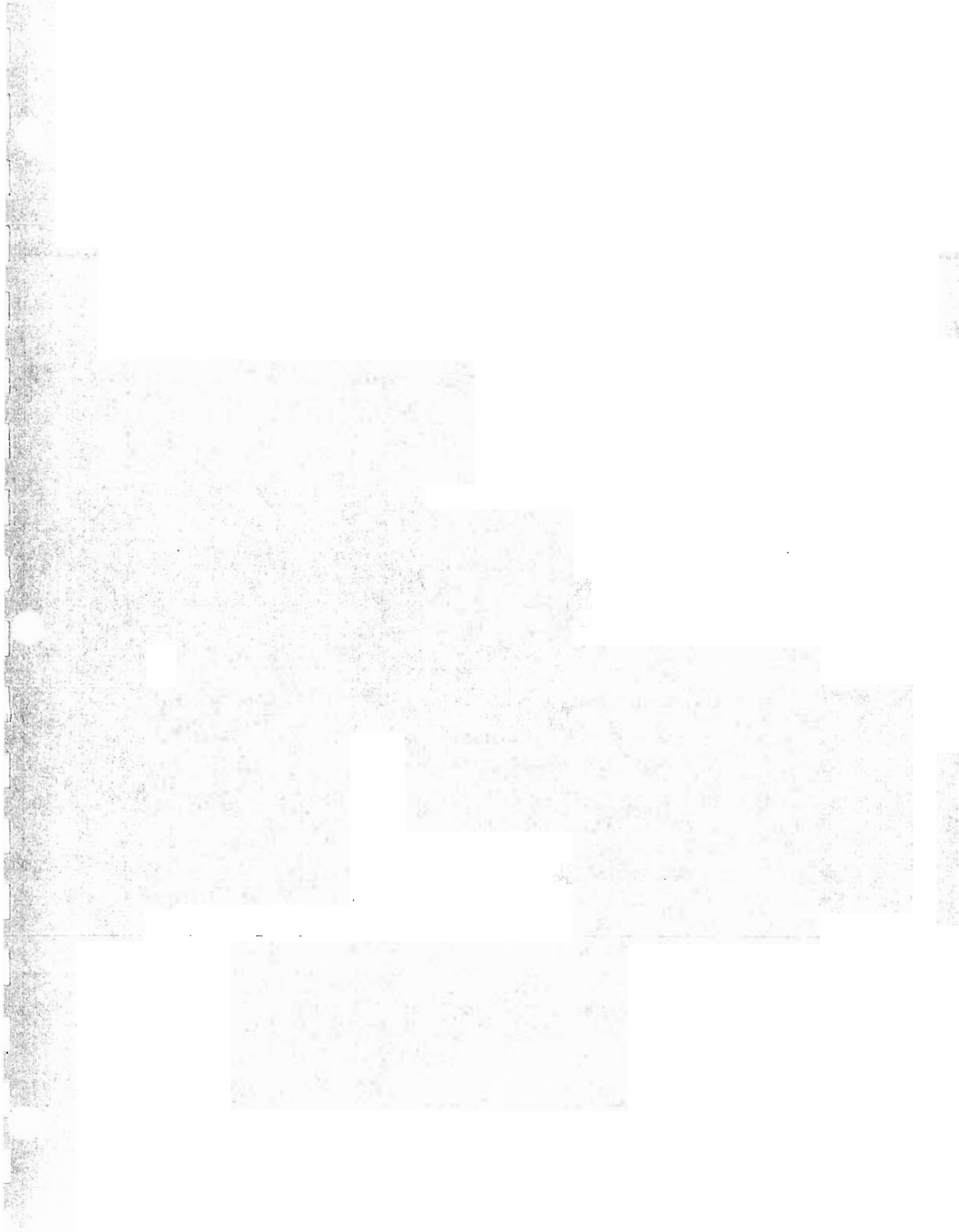
• Soil Sample Location

- r = S-7-E1N
- s = S-7-E1Ea
- t = S-7-E1Eb
- u = S-7-E1S
- v = S-7-E1Wa
- w = S-7-E1Wb
- x = S-7-E2S



Scale in Feet

DRAFTED BY: JAC	CHECKED BY: JAC	PROJECT NO. 022-030	SCALE: 1:400	GRAYLAND ENVIRONMENTAL
DWG. DATE: 10-06-94	REV. DATE: 12-23-94	GENO'S COUNTRY STORE	FIGURE 4	
MAP SOURCE: Site Visit Sketch		1000 N. VASCO ROAD LIVERMORE, CALIFORNIA	EXCAVATION SOIL SAMPLE LOCATION MAP	2731 Quail Street Davis, CA 95616





0.5

9/21/95

5111 27 12

Continue OMR next camp
in Oct 1995

SOIL SAMPLING
MONITORING WELL INSTALLATIONS
AND
INITIAL GROUNDWATER SAMPLING
AT
1000 NORTH VASCO ROAD
LIVERMORE, CALIFORNIA

AUGUST 16, 1995

CONTENTS

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2.0	FIELD OPERATIONS AND INVESTIGATIVE METHODS	2
2.1	Lithologic Logging	2
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2.3	Monitoring Well Installation	3
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3.0	RESULTS AND DISCUSSION	4
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3.2	Soil Analytical Results	5
3.3	Groundwater Flow Direction and Gradient	5
3.4	Groundwater Analytical Results	6
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5.0	PROFESSIONAL CERTIFICATION	8

LIST OF FIGURES

- 1 SITE LOCATION MAP
- 2 MONITORING WELL LOCATIONS
- 3 DIESEL AND GASOLINE TANK AREAS - SOIL SAMPLE ANALYTICAL RESULTS
- 3 POTENTIOMETRIC SURFACE MAP JULY 24, 1995

LIST OF ATTACHMENTS

- A Permits/Forms
- B Borehole Lithologic Logs
- C Soil Sample Analytical Results
- D ~~Well-Surveyor's Report~~
- E Log of Well Sampling Activities
- F Groundwater Sample Analytical Results



P.O.Box 2165 ■ Livermore, California 94551 ■ 510-373-9211

SOIL SAMPLING
MONITORING WELL INSTALLATIONS
AND
INITIAL GROUNDWATER SAMPLING
AT
1000 NORTH VASCO ROAD
LIVERMORE, CALIFORNIA

1.0 INTRODUCTION

The property at 1000 North Vasco Road in Livermore, California was identified as an underground tank leak site by the Alameda County Health Care Services Agency, Department of Environmental Health, Environmental Protection Division (ACHCSA). The location of the 1000 North Vasco Road property is shown in Figure 1. The property owner retained H₂OGEOL to conduct this investigation.

Tank removal was reported by Grayland Environmental in their report dated December 28, 1994. ACHCSA reviewed the Grayland report and requested submittal of a Preliminary Site Assessment workplan. A workplan for the installation of three monitoring wells was prepared and was submitted to ACHCSA on April 10, 1995. The ACHCSA approved the workplan in their letter dated April 14, 1995, with the addition of the collection and analysis of soil samples.

1.1 PRESENT INVESTIGATION

The purpose of this investigation is twofold: to determine groundwater flow direction (more precisely direction of groundwater gradient, since the horizontal hydraulic conductivity anisotropy will remain unknown) of the first encountered water bearing formation, and to ascertain the potential presence of underground storage tank derived petrochemicals. The chemicals analyzed and reported are: Total Extractable Petroleum Hydrocarbons as diesel (TPH-D) and Total Petroleum Hydrocarbons as Gasoline (TPH-G), along with the associated aromatic hydrocarbons benzene (B), toluene (T), ethylbenzene (E), and total xylene isomers (X), which are collectively referred to as BTEX in soil and groundwater.

The present investigations consisted of drilling three soil sampling boreholes to depths of about seven feet and collecting soil samples from immediately above the first encountered

groundwater (i.e., in the capillary fringe); drilling and installation of three monitoring wells to depths of about fifteen feet; and collecting and analyzing groundwater samples from the three monitoring wells.

All three of the monitoring wells are located within the fenced or otherwise demarcated property bounds (Figure 2). A ZONE 7 Water Agency (also known as Zone 7 Alameda County Flood Control and Water Conservation District) Drilling Permit Application was filed on May 05, 1995 and issued on May 11, 1995 (Attachment A). Upon completion of the well construction, a California Department of Water Resources (DWR) form 188 was filled out for each well and submitted to Zone 7 as required by the permit (the original DWR form 188 was also submitted to ZONE 7 as stipulated in the permit cover letter). DWR forms 188 are also included in Attachment A.

2.0 FIELD OPERATIONS AND INVESTIGATIVE METHODS

Field investigations consisted of the installation of three boreholes. Two 4-inch diameter, approximately seven foot deep soil sampling boreholes MW-1 and MW-2 were hand augered on July 17, 1995 and one (MW-3) on July 18, 1995 for the indicated purpose. Each of these boreholes were successfully deepened to fifteen feet, reamed to 6.25-inch diameter, and completed into monitoring wells MW-1, MW-2, and MW-3.

2.1 Lithologic Logging

During augering of each borehole, soil characteristics were logged in the field by a geologist. Distinguishing features such as soil composition, color, texture, and unusual odors were noted. The soil characteristics were logged in the field according to the Unified Soil Classification System.

Logging began during the hand augering of the 4-inch soil sampling boreholes. Logging continued when each monitoring well installation borehole was extended to final depth (15.5± feet). Borehole lithologic logs with well completion diagrams are included in Attachment B.

2.2 Soil Sampling

The soil sampling boreholes were drilled with 4-inch AMS soil augers. The hand augered boreholes were advanced until an increase in moisture content indicated that the water table was being approached. In each of the three boreholes this occurred at a depth of about seven feet. After sampling, each auger hole was advanced to the final total depth.

The soil samples were collected from the bottom of the initially augered boreholes using an AMS slide hammer to drive a core sampler. A 6-inch long brass soil sample retaining cylinder was housed within the core sampler. When the sampler was extracted from the borehole and disassembled, the brass cylinder was removed. The ends of the brass cylinder were covered with aluminum foil and a tight fitting "cap plug" was affixed to each end so as to ensure air tightness. The sealed tubes were labeled and then placed onto ice (water frozen in a 2-liter plastic bottle) in an ice chest while awaiting transport to Chromalab, Inc., a state certified laboratory, for analysis following proper chain of custody documentation (presented in Attachment C with the laboratory analytical report).

2.3 Monitoring Well Installation

Well construction commenced after each hand augered borehole was reamed to its final diameter. A ten foot section of 2-inch inside diameter schedule 40 PVC well casing and slotted screens was installed into each monitoring well borehole. Each well was constructed with screen factory slotted to 0.020-inch. Sand (RMC Lonestar, No.3) was poured into the annulus from the ground surface until the sand was about one half foot above the screen. After the required amount of sand was added to the annulus, a one half foot bentonite chip seal was placed above the sand pack. The bentonite chips were hydrated with potable water poured from the surface. A neat cement seal was added to prevent infiltration of the sand pack from surface runoff. Well MW-3 was secured with a locking cap and traffic rated box set onto concrete and sloped to drain away from the lid. Wells MW-1 and MW-2 were secured with stove-pipe type protective covers. The three monitoring wells were constructed as follows:

WELL CONSTRUCTION DETAILS

Well Number	Borehole Diameter (inches)	Casing/ Screen Diameter (inches)	Total Borehole Depth (feet)	Total Well Depth (feet)	Screened Interval (feet)
MW-1	6.25	2	15.8	15.68	5-15
MW-2	6.25	2	15.1	15.26	5-15
MW-3	6.25	2	15.5	15.05	5-15

Each monitoring well was developed on July 24, 1995 by the surge and pump technique. Well development continued until the turbidity was lowered to a point where the amount of sediment in the produced water would not interfere with the laboratory analytical procedures. Development occurred more than 72 hours after the placement of the bentonite and the pouring of the neat cement grout seal, as stipulated in the April 14, 1995 ACHCSA letter.

The wells were surveyed by Ron Archer Civil Engineer, Inc. on July 25, 1995. The well locations are shown on Figure 2 and the surveyor's report is included as Attachment D.

2.4 Monitoring Well Purging and Sampling

The monitoring wells were purged by pumping with an "ES-60" submersible pump marketed for monitoring well purging by Enviro-Tech Services Company of Martinez, California. Field measured water quality parameters were measured using a Cambridge Scientific Industries Hydac™ Conductivity Temperature pH Tester. Well purging activities and the field measured water quality parameters are documented in Attachment E. For each well, purging continued until specific conductance stabilized to +/- 5% on consecutive readings.

The purge pump was slowly removed from each well while running to allow a sweeping of the wellbore, preventing significant surging of the wellbore and drainage of the discharge tubing into the well. Groundwater samples for TPH-D (nonvolatile) analysis were collected in one liter amber bottles directly from the end of the pump discharge tubing. Groundwater samples for TPH-G plus BTEX analysis were collected using a precleaned Teflon™ bailer suspended from a new nylon twine line, and emptied through a precleaned Teflon™ peacock type bottom emptying device into 40-mL glass vials with Teflon™ septum lids, in duplicate.

Groundwater sample bottles were labeled and placed in an ice chest with 2 Liter plastic bottles containing ice. Chain-of-Custody forms were filled out and were delivered with the ice chest to Chromalab, Inc. of Pleasanton, California, a state certified laboratory. Laboratory reports and Chain-of-Custody documentation are contained in Attachment F.

3.0 RESULTS AND DISCUSSION

3.1 Geology and Borehole Lithology

The 1000 North Vasco Road property lies near the northern end of the Altamont Creek - Arroyo Seco piedmont, near an unnamed intrafan wash, now modified as a flood control channel. The first encountered water bearing unit is a shallow portion of the Altamont Creek alluvial fan aquifer. The ground surface is at an elevation of about 525-530 feet above mean sea level and slopes gently northwestward (Figure 1) toward the flood control channel.

Each of the three monitoring well boreholes encountered clayey sand of the Altamont Creek alluvial fan aquifer at depth of seven feet, beneath a stiff clay. The clay content of the clayey sands generally decreased with depth and at MW-1 and MW-3 was gradational into a well graded sand.

The entire stratigraphic section encountered at MW-2 and MW-3 was yellowish brown to dark yellowish brown. There were no odors detected in the soils from either of these two monitoring well boreholes.

At MW-1 the uppermost portion (7 to 10 foot depth) of the clayey sand had a distinct, though faint, diesel odor and several minute globules of diesel were visibly present in the sands. The MW-1 borehole clayey sands had been partially gleyed as a consequence of the reducing conditions imposed by the presence of petroleum hydrocarbons, resulting in a mottled coloration of greenish gray and yellowish brown. The yellowish brown coloration dominated at increasing depths and the well graded sands were not mottled.

3.2 Soil Analytical Results

Soil samples were submitted to Chromalab, Inc. for analysis of TPH-D by U.S. EPA Method 3550/8015M, for TPH-G by U.S. EPA Method 5030/8015M, and for BTEX by U.S. EPA Method 8020. The laboratory report and Chain-of-Custody documentation is contained in Attachment C.

The soil sample analytical results for the MW-2 and MW-3 samples were all reported by the laboratory as not detected. These results correlate favorably with the remedial excavation perimeter sample analytical results reported by Grayland. The non detectable TPH-G + BTEX in the vicinity of the former gasoline tank and dispenser locations are consistent with the non-detectable to low concentrations in the final remedial excavation confirmation samples.

The diesel tank and dispenser location is represented by the MW-1 sample. The laboratory reported TPH-G and benzene, toluene, and ethylbenzene as not detected. The sample contained:

TPH-D	55	mg/Kg
Total Xylenes	6.4	µg/Kg

Note: 1.0 mg/Kg = 1,000 µg/Kg; also 1 mg/Kg is about 1 part per million (1 ppm) and 1.0 µg/Kg is about 1 part per billion (1 ppb).

Both the MW-1 TPH-D and Total Xylenes concentration are generally lower than the remedial excavation confirmation samples reported by Grayland.

3.2 Groundwater Flow Direction and Gradient

The regional shallow groundwater flow beneath the Altamont Creek - Arroyo Seco piedmont is down the topographic slope toward the main portion of the Livermore Valley groundwater basin. Local to the 1000 North Vasco Road property, shallow groundwater flow is

controlled by the adjacent flood control channel. Future shallow groundwater flow may also be influenced by sewer works in process of construction, and possibly other cultural features.

Depth to water in each monitoring well was measured to +/- 0.01 feet using a Solinst Model 101 water level meter on July 24, 1995. The depth to water was converted to potentiometric surface elevation by subtracting the measured depths to water from the casing top elevation. This information is presented below.

WELL AND GROUNDWATER ELEVATIONS
JULY 24, 1995

Well Number	Top of Casing Elevation (feet, msl)	Time of Depth measurement	Depth to Water (feet)	Groundwater Surface Elevation (feet, msl)
MW-1	526.50	08:45	8.68	517.82
MW-2	526.83	08:43	8.17	518.66
MW-3	526.00	08:40	7.60	518.40

The approximate groundwater flow direction for the triangle with a well at each apex is N 59.8° E at a gradient of 0.00653. Figure 2 is a potentiometric surface map showing well locations and groundwater surface contours as measured on July 24, 1995.

3.3 Groundwater Analytical Results

The groundwater surface at each monitoring well was checked for free product, observation of sheen, and odor. No free product or sheen was found at MW-2 and MW-3. Groundwater from monitoring well MW-1 possessed a slight sheen and a faint diesel odor.

Groundwater samples were submitted to Chromalab, Inc. for analysis of TPH-D by U.S. EPA Method 3510/8015M; for TPH-G by U.S. EPA Method 5030/8015M and for BTEX by method 602/8020. The laboratory report and Chain-of-Custody documentation is contained in Attachment F.

A comparison is made with maximum contaminant levels (MCLs) as listed in: Marshack, Jon B., D. Env., May, 1993, A Compilation of Water Quality Goals, California Regional Water Quality Control Board, Central Valley Region.

Groundwater sample fuel hydrocarbon constituents are summarized in the following table, with all concentrations are expressed in micrograms per liter ($\mu\text{g/L}$):

Well	TPH-D	TPH-G	Benzene	Toluene	Ethyl- benzene	Total Xylenes
MW-1	910	<0.5	<0.5	<0.5	<0.5	<0.5
MW-2	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-3	<50	60	<0.5	<0.5	<0.5	<0.5
California*Primary MCL's						
	na	na	1	na	680	1,750
US E.P.A.*Primary MCL's						
	na	na	5	1,000	700	10,000

There were no fuel hydrocarbon constituents exceeding an identified published regulatory threshold.

4.0 CONCLUSIONS AND RECOMMENDATIONS

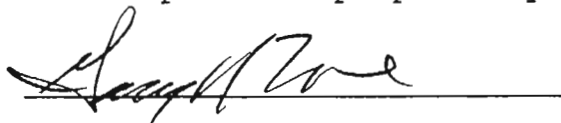
The soil sample collected near the groundwater interface from the borehole for MW-1 was found to contain diesel at a concentration below identified levels of concern (i.e., <100 ppm). The other two boreholes did not contain detectable concentrations of petroleum hydrocarbons. MW-1 is downgradient, and immediately adjacent to the diesel tank and dispenser remedial excavation and is consistent with the excavation perimeter confirmation sample analytical results.

Groundwater samples from the monitoring wells were found not to contain detectable concentrations of the aromatic hydrocarbons benzene (B), toluene (T), ethylbenzene (E), and total xylene isomers (X). The groundwater sample from MW-1 was found to contain diesel at a concentration of 910 µg/L and MW-3 was found to contain TPH-G at a concentration of 60 µg/L. However, there are no published MCL's for these constituents. The three monitoring wells should be monitored quarterly for fuel hydrocarbons (TPH-D and TPH-G + BTEX), as required by ACHCSA guidelines.

5.0 PROFESSIONAL CERTIFICATION

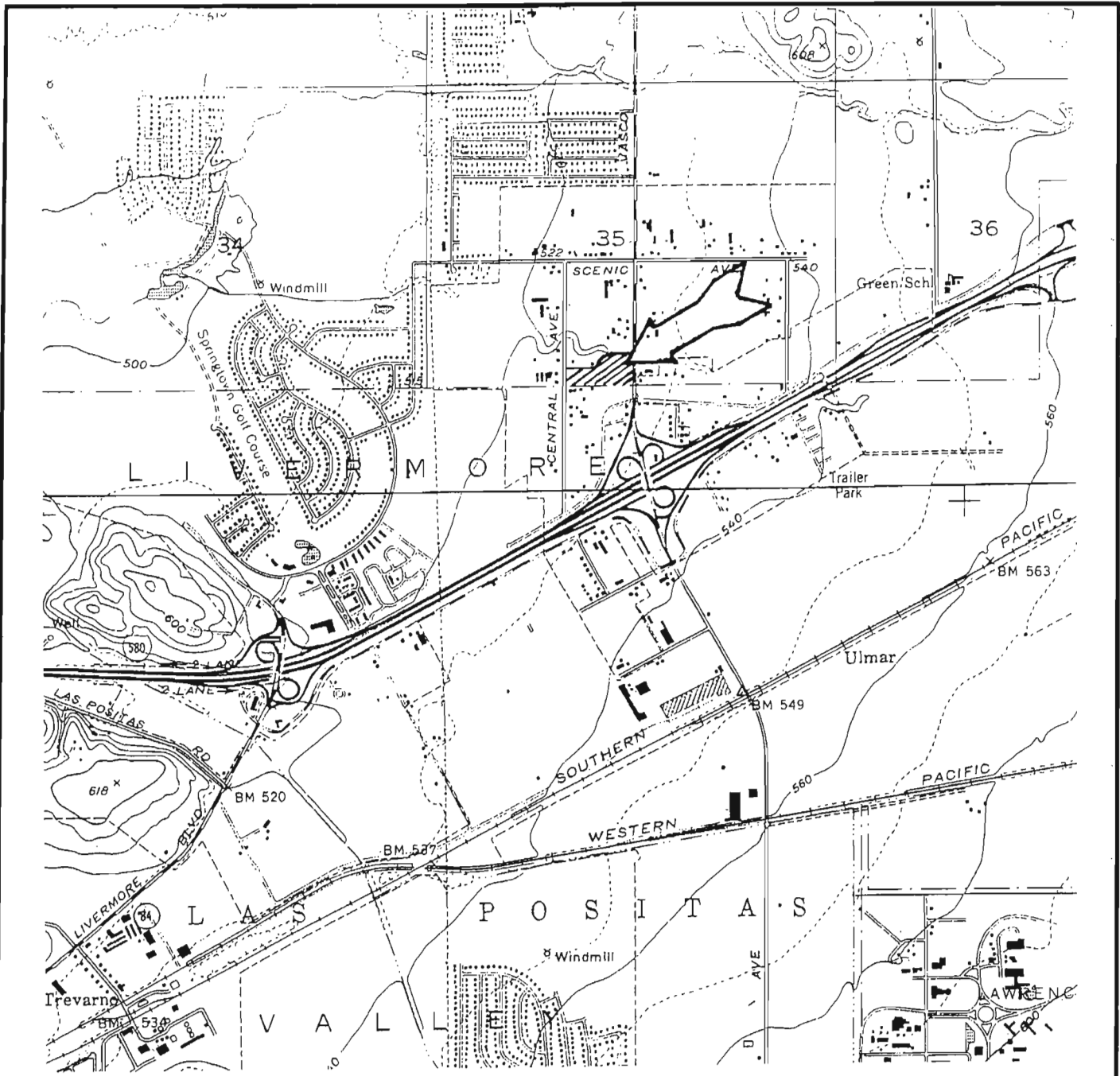
This report on additional boreholes and monitoring wells at the property at 1000 North Vasco Road in Livermore, California has been prepared by H₂OGEOL A GroundWater Consultancy, by and under the professional supervision of the sole proprietor. The findings, recommendations, specifications, or professional opinions are presented after being investigated and prepared in accordance with generally accepted professional environmental hydrogeologic and groundwater monitoring practice. Incorporation of information developed and or reported by others does not necessarily mean that the undersigned accepts that information as valid. There is no other warranty, either expressed or implied.

This report was prepared by:

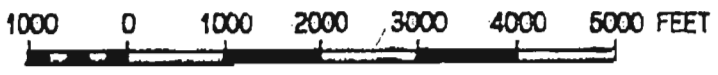


Gary D. Lowe, R.G., C.E.G., C.H.
Principal, Hydrogeologist
H₂OGEOL A GroundWater Consultancy





Base from U.S. Geological Survey Altamont 7.5 Minute Series Topographic Map



H₂O GEOL
 4. GROUND WATER CONSULTANTS

**SITE LOCATION MAP
 GENO'S COUNTRY STORE
 1000 NORTH VASCO ROAD
 LIVERMORE, CALIFORNIA**

**FIGURE
 1**

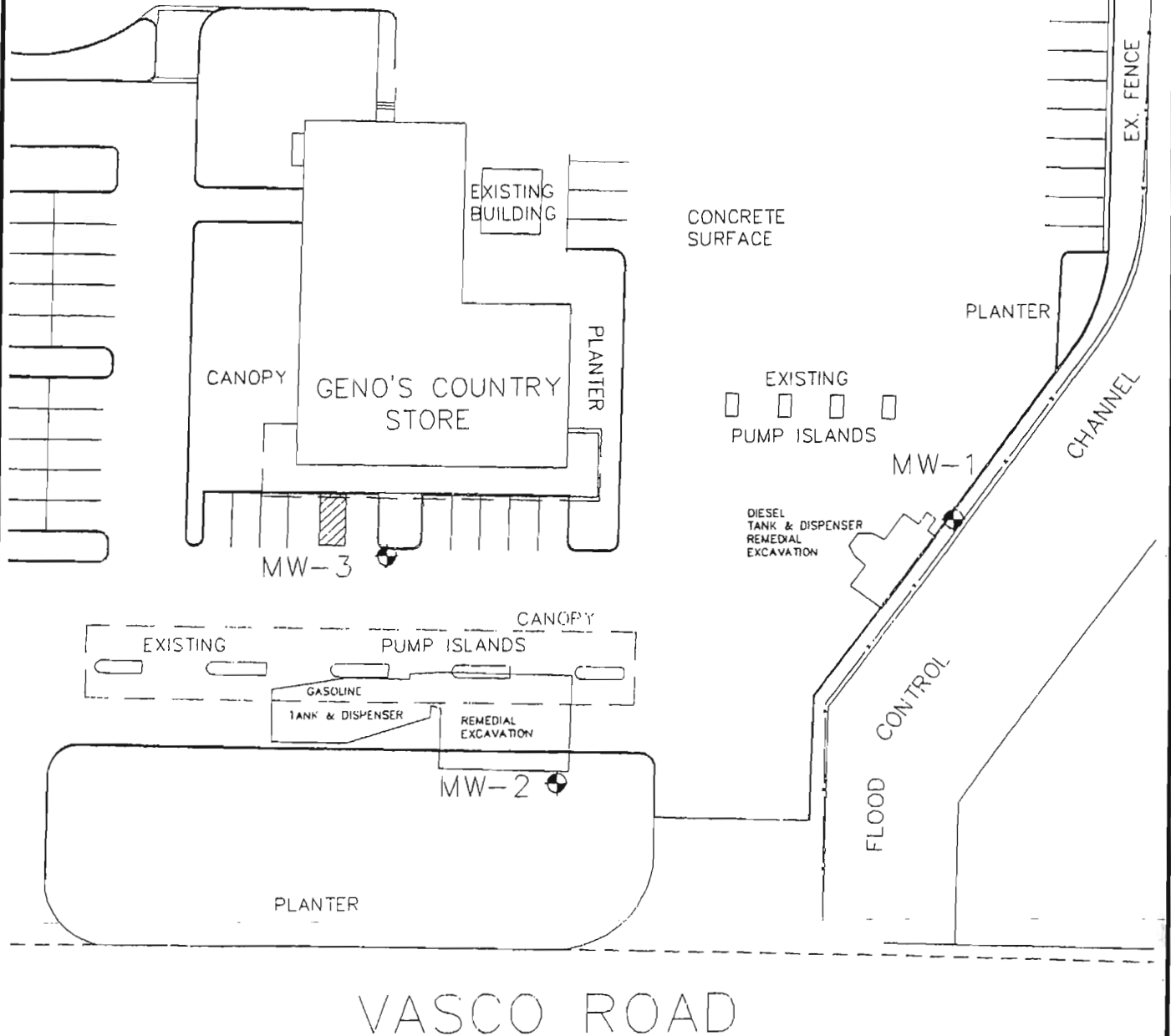


SCALE. 1" = 50'

MW-1 MONITORING WELL NAME/NUMBER



MONITORING WELL LOCATION



MONITORING WELL LOCATIONS

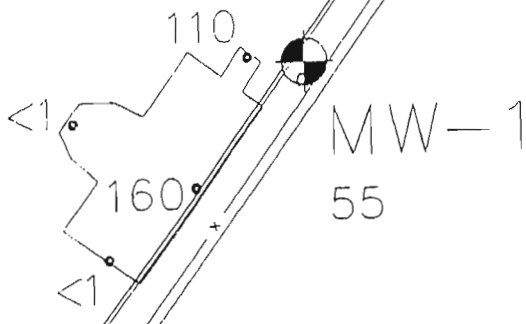
**GENO'S COUNTRY STORE
1000 NORTH VASCO ROAD
LIVERMORE, CALIFORNIA**

FIGURE

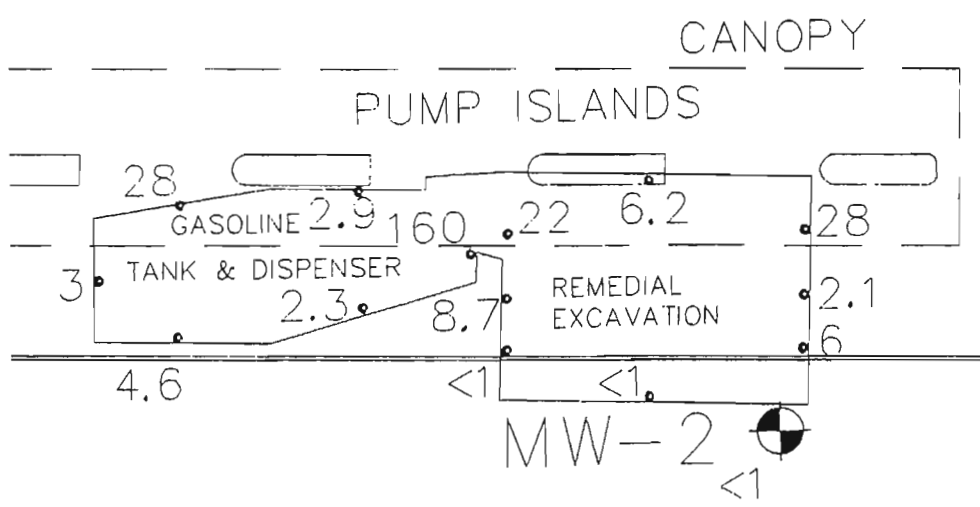
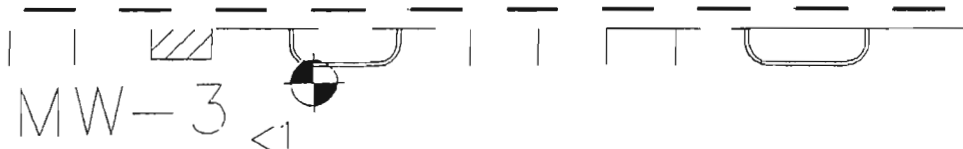
2

H₂OGEOL
A GROUND WATER CONSULTANCY

DIESEL
TANK & DISPENSER
REMEDIAL
EXCAVATION



DIESEL TANK AND DISPENSER
REMEDIAL EXCAVATION
SOIL CONFIRMATION SAMPLE
TPH-D ANALYTICAL RESULTS
(FROM GRAYLAND, DECEMBER 28, 1994)



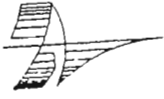
GASOLINE TANK AND DISPENSER
REMEDIAL EXCAVATION
SOIL CONFIRMATION SAMPLE
TPH-G ANALYTICAL RESULTS
(FROM GRAYLAND, DECEMBER 28, 1994)

ALL CONCENTRATIONS IN mg/kg (ppm)

H₂OGEOL
A GROUND WATER CONSULTANCY

**DIESEL AND GASOLINE TANK AREAS
SOIL SAMPLE ANALYTICAL RESULTS**
(SEE FIGURE 2 FOR LOCATIONS)
GENO'S COUNTRY STORE
1000 NORTH VASCO ROAD
LIVERMORE, CALIFORNIA

FIGURE
3



SCALE: 1" = 50'

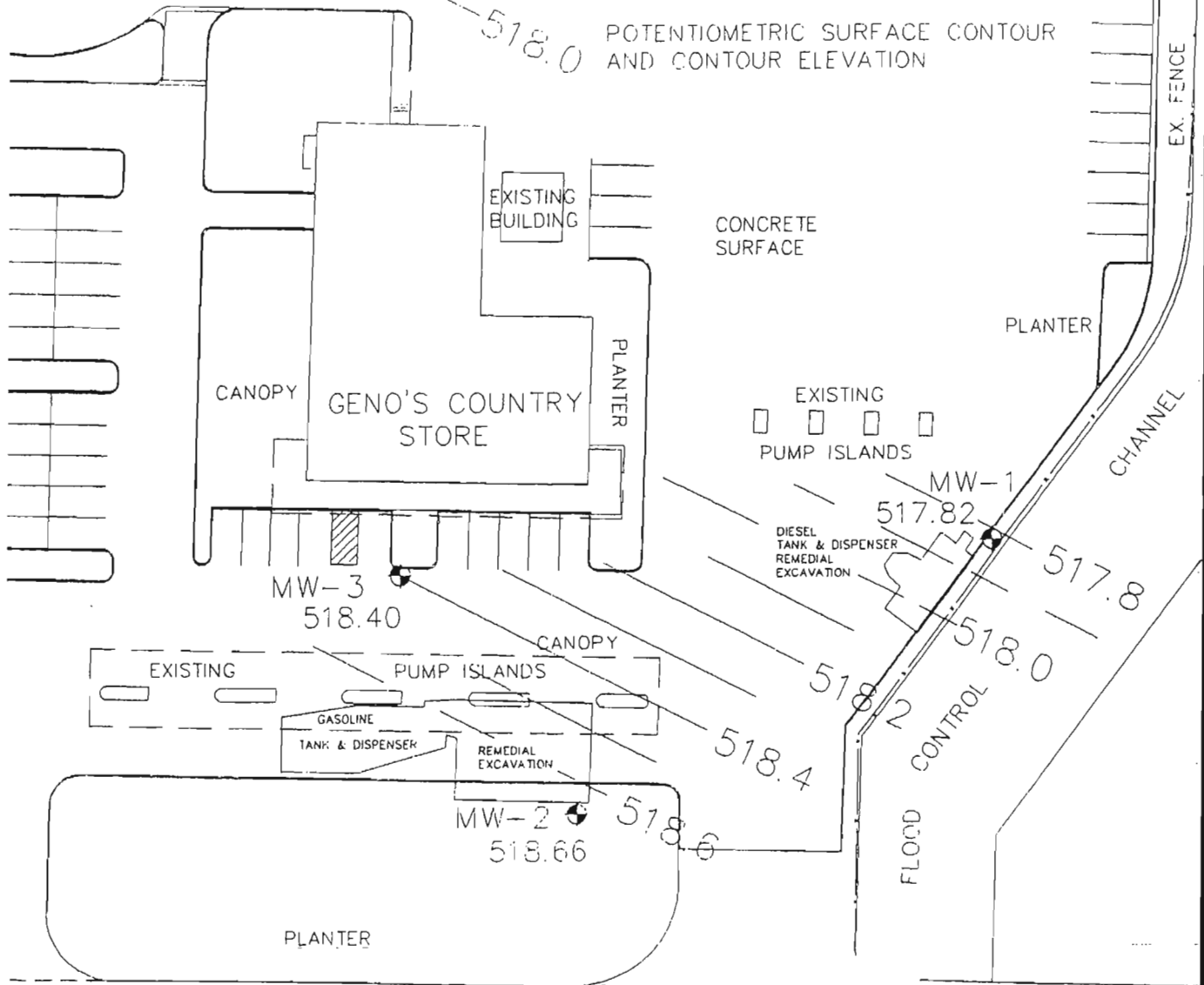
MW--1 MONITORING WELL NAME/NUMBER



MONITORING WELL LOCATION

517.82 GROUNDWATER ELEVATION AT WELL

518.0 POTENTIOMETRIC SURFACE CONTOUR AND CONTOUR ELEVATION



VASCO ROAD

POTENTIOMETRIC SURFACE MAP FOR JULY 24, 1996

FIGURE

4

GENO'S COUNTRY STORE
1000 NORTH VASCO ROAD
LIVERMORE, CALIFORNIA

H₂OGEOL
A GROUND WATER CONSULTANCY



P.O.Box 2165 ■ Livermore, California 94551 ■ 510-373-9211

ATTACHMENT A

PERMITS/FORMS

ZONE 7 WATER AGENCY
DRILLING PERMIT APPLICATION/
PERMIT No. 95296

AND

CALIFORNIA DEPARTMENT OF WATER RESOURCES
FORM 188
No. 193173 FOR MW-1
No. 193174 FOR MW-2
No. 193175 FOR MW-3



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

5997 PARKSIDE DRIVE

PLEASANTON, CALIFORNIA 94588-5127

PHONE (510) 484-2600 FAX (510) 462-3914

May 12, 1995

H2O Geological
P.O. Box 2165
Livermore, CA 94551-2165

Gentlemen:

Enclosed is drilling permit 95296 for a monitoring well construction project at 1000 North Vasco Road in Livermore for Geno Macedo.

Please note that permit condition A-2 requires that a well construction report be submitted after completion of the work. The report should include drilling and completion logs, location sketch, and permit number.

If you have any questions, please contact Wyman Hong at extension 235 or me at extension 233.

Very truly yours,

Craig A. Mayfield
Water Resources Engineer III

WH:djf
encls.



ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94588

VOICE (510) 484-2600

FAX (510) 462-3914

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 1000 North Vasco Road
Livermore, CA

PERMIT NUMBER 95296
LOCATION NUMBER _____

CLIENT
Name Mr. Geno Macedo / Geno's Deli
Address 1000 North Vasco Rd Voice 449-3841
City Livermore CA Zip 94550

PERMIT CONDITIONS

Circled Permit Requirements Apply

APPLICANT
Name Gary D. Lowe, R.G. CEG
dba Hydrocol Fax 373 9222
Address P.O. Box 2165 Voice 373 9211
City Livermore, CA Zip 94551-2165

A. GENERAL

1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well Projects, or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER WELLS, INCLUDING PIEZOMETERS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

C. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

D. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

E. WELL DESTRUCTION. See attached.

TYPE OF PROJECT
Well instruction Geotechnical Investigation
Cathodic Protection _____ General _____
Water Supply _____ Contamination _____
Monitoring (3) Well Destruction _____

PROPOSED WATER SUPPLY WELL USE
Domestic _____ Industrial _____ Other _____
Municipal _____ Irrigation _____

DRILLING METHOD:
Mud Rotary _____ Air Rotary _____ Auger either hand or hollow stem auger
Cable _____ Other _____

DRILLER'S LICENSE NO. Hand Drill C-57 629340
Hand Drill C-57 658786

WELL PROJECTS
Drill Hole Diameter 6 in. Maximum _____
Casing Diameter 2 in. Depth 16-20ft.
Surface Seal Depth 5 ft. Number 3

GEOTECHNICAL PROJECTS
Number of Borings _____ Maximum _____
Hole Diameter _____ in. Depth _____ ft.

ESTIMATED STARTING DATE 06/14/95
ESTIMATED COMPLETION DATE 06/20/95

Approved Wyman Hong Dated 11 May 95
Wyman Hong

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE [Signature] Date 6/5/95

ORIGINAL

STATE OF CALIFORNIA

Do not fill in

File with DWR

THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

No. 193173

No. of Intent No. _____
Local Permit No. or Date 95296

State Well No. _____
Other Well No. _____

(1) OWNER: Name Geno Macedo
Address 1000 N. Vasco Road
City Livermore, CA Zip 94550

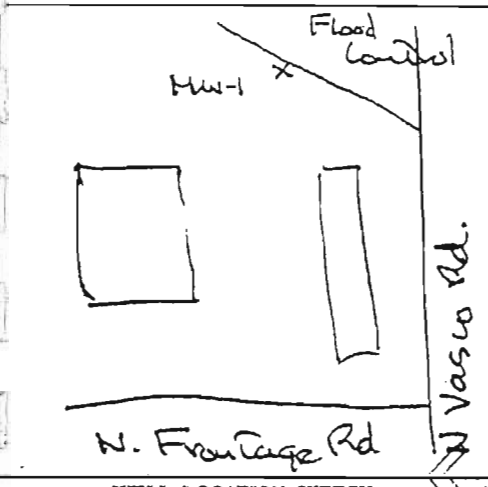
(12) WELL LOG: Total depth 15.8 ft. Depth of completed well 15.6 ft.
from ft. to ft. Formation (Describe by color, character, size or material)

(2) LOCATION OF WELL (See instructions):
County Alameda Owner's Well Number MW-1

See Attached Log

Well address if different from above _____
Township 2 S Range 2 E Section 35

Distance from cities, roads, railroads, fences, etc.
See attached surveyor's report



(3) TYPE OF WORK:

- New Well Deepening
- Reconstruction
- Reconditioning
- Horizontal Well
- Destruction (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:

- Domestic
- Irrigation
- Industrial
- Test Well
- Stock
- Municipal
- Other _____

(5) EQUIPMENT:
Rotary Reverse
Cable Air
Other Iwan Auger

(6) GRAVEL PACK:
Yes No Size NO. 30
Diameter of bore 6 1/4
Packed from 5 to 15 ft.

(7) CASING INSTALLED:
Steel Plastic Concrete

(8) PERFORATIONS:
Type of perforation or size of screen

From ft.	To ft.	Dia. in.	Gage or Wall	From ft.	To ft.	Slot size
0	5	2 1/4	2 1/4	5	15	20/20

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes, to depth 5 ft.
Were strata sealed against pollution? Yes No W/Val ft.
Method of sealing benzene, heat gun

Work started 07/17 19 95 Completed 07/18 19 95

(10) WATER LEVELS:
Depth of first water, if known B.B ft.
Standing level after well completion B.68 ft.

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

(11) WELL TESTS:
Was well test made? Yes No If yes, by whom? _____
Type of test Pump Bailor Air lift

SIGNED [Signature] (Well Driller)

Depth of water at start of test _____ ft. At end of test _____ ft.
Discharge _____ gal/min after _____ hours Water temperature _____

NAME Geary D. Lowe RGCCO for ASE Drilling
(Person, firm, or corporation) (Typed or printed)

Chemical analysis made? Yes No If yes, by whom? _____
Was electric log made? Yes No If yes, attach copy to this report

Address 468 Franklin Lane
City Livermore CA Zip 94550

License No. CS7629340 Date of this report 07/31/95

ORIGINAL

File with DWR

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 193175

No. of Intent No. _____
Local Permit No. or Date 95296

State Well No. _____
Other Well No. _____

(1) OWNER: Name Geno Macedo
Address 1000 N. Vasco Road
City Livermore CA Zip 94550

(12) WELL LOG: Total depth 15.5 ft. Depth of completed well 15.05 ft.
from ft. to ft. Formation (Describe by color, character, size or material)

(2) LOCATION OF WELL (See instructions):
County Alameda Owner's Well Number HW-3

Well address if different from above:
Township 2S Range 2E Section 35

Distance from cities, roads, railroads, fences, etc.
See attached surveyor's report



(3) TYPE OF WORK:

- New Well Deepening
- Reconstruction
- Reconditioning
- Horizontal Well

Destruction (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:

- Domestic
- Irrigation
- Industrial
- Test Well
- Stock
- Municipal
- Other Municipal

(5) EQUIPMENT:
Rotary Reverse
Cable Air
Other Iron Bucket

(8) GRAVEL PACK:
Yes No Size HW-3
Diameter of bore 6.25
Packed from 5 to 15 ft.

(7) CASING INSTALLED:
Steel Plastic Concrete

(8) PERFORATIONS:
Type of perforation or size of screen

From ft.	To ft.	Dia. in.	Gage or Wall	From ft.	To ft.	Slot size
0	5	2	2x40	5	15	0.020

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes, to depth 5 ft.
Were strata sealed against pollution? Yes No Interval _____ ft.
Method of sealing Bentonite, bent grout

(10) WATER LEVELS:
Depth of first water, if known 7.85 ft.
Standing level after well completion 7.60 ft.

(11) WELL TESTS:
Was well test made? Yes No If yes, by whom? _____
Type of test Pump Baller Air lift
_____ to water at start of test _____ ft. At end of test _____ ft.
Discharge _____ gal/min after _____ hours Water temperature _____
Chemical analysis made? Yes No If yes, by whom? _____
Was electric log made? Yes No If yes, attach copy to this report

Work started 07/18 19 95 Completed 07/19 19 95
WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
SIGNED Gary D. Lowe
(Well Driller)
NAME Gary D. Lowe R.C.C.G. for ASE Drilling
(Person, firm, or corporation) (Typed or printed)
Address 46B Franklin Lane
City Livermore CA Zip 94550
License No. CS7 629940 Date of this report 07/31/95



P.O.Box 2165 ■ Livermore, California 94551 ■ 510-373-9211

ATTACHMENT B

BOREHOLE LITHOLOGIC LOGS

MW-1
MW-2
MW-3



BOREHOLE LITHOLOGIC LOG

BOREHOLE No. MW-1 Sheet 1 of 1

Project No.: _____	Date: <u>07/17-18/95</u>	Drilling Co. <u>ASE Drilling</u>	Drill Model <u>Iwan Auger</u>
Client: <u>Geno's Country Store</u>		Drilling Method - <u>Hand Operation</u>	Borehole Diameter <u>6.25-in</u>
Location: <u>1000 North Vasco Road</u>		Ground Surface Elevation <u>526.3</u>	Datum: <u>ground surface</u>
<u>Livermore, California</u>		Borehole MW-1 was completed as a monitoring well MW-1	
Logged by: <u>GDL</u>	Driller: <u>RCV/GDL</u>		

Sampling Blowcounts	PID/FID HIN/COVA reading	Depth test	Sample Soil Number	Graphic Soil Symbol	USCS Soil Symbol	Field Soil Description
					CL	Landscape fill, dark brown 7.6YR 3/4 very sandy silty clay.
		1			CL/	
		2			CH	Olive 5Y 4/3 gravelly sandy silty clay, pebbles to 2 cm
		3				Neat Cement Grout
		4				Dark yellowish brown 10YR 3/4 silty stiff clay. Faint diesel odor.
		5			CH	Bentonite Seal
		6				Trace gravels
		7	7-7.6 Ft.			
		8				Greenish gray 5G 5/1 mottled yellowish brown 10YR 5/6 gravelly very clayey very fine to medium sand. Faint diesel odor.
		9				First Encountered Water at 8.8 Feet. ▽
		10			SC	Decreasing clay with depth
		11				No odor from 10 foot to total depth.
		12				LONESTAR No. 3 Sand
		13			SW	Yellowish brown 10YR 5/6 clayey very fine to medium sand.
		14			CH	Yellowish brown 10YR 5/6 stiff clay.
		15			SC	Yellowish brown 10YR 5/6 very clayey very fine to medium sand.
		16				Total Well Depth = 15.68 Feet. (below reference mark)
		17				Well completed with 6-inch stove pipe type cover.
		18				
		19				
		20				
		21				
		22				
		23				
		24				
		25				

2-inch PVC casing and screen
screen openings = 0.020 inch



BOREHOLE LITHOLOGIC LOG

BOREHOLE No. MW-2 Sheet 1 of 1

Project No.:	Date: 07/17-18/96	Drilling Co. ASE Drilling	Drill Model Iwan Auger
Client: Geno's Country Store		Drilling Method - Hand Operation	Borehole Diameter 6.25-in
Location: 1000 North Vasco Road		Ground Surface Elevation 526.6	Datum: ground surface
Livermore, California		Borehole MW-2 was completed as a monitoring well MW-2	
Logged by: GDL	Driller: RCV/GDL		

Water Level	8.17		
Time	8:43		
Date	7/24/95		

Sampling Blowcounts	PID/FID HIN/OVA reading	Depth feet	Sample Soil Sample Number	Graphic Soil Symbol	USCS Soil Symbol	Field Soil Description
		1			CL	Landscape fill, dark brown 7.5YR 3/4 very sandy silty clay.
		2			CH	Dark yellowish brown 10YR 3/4 silty stiff clay.
		3				Neat Cement Grout
		4				Trace gravels
		5				Bentonite Seal
		6			SC	
		7	7-7.6 Ft.			Dark yellowish brown 10YR 3/4, gravelly very clayey very fine to medium sand.
		8				First Encountered Water at 8.35 Feet. ▼
		9				LONESTAR No. 3 Sand
		10			CL	
		11				Dark yellowish brown 10YR 4/4 sandy clay.
		12				
		13				
		14				
		15				
		16				Total Depth 15.1 (below grade)
		17				Total Well Depth = 15.26 Feet (below reference mark)
		18				-Well completed with 6-inch stove pipe type cover.
		19				
		20				
		21				
		22				
		23				
		24				
		25				

2-inch PVC casing and screen, screen openings = 0.020 inch



A. GROUND WATER CONSULTANTS

BOREHOLE LITHOLOGIC LOG

BOREHOLE No. MW-3 Sheet 1 of 1

Project No.:	Date: 07/18-19/95	Drilling Co. ASE Drilling	Drill Model Iwan Auger
Client: Geno's Country Store		Drilling Method - Hand Operation	Borehole Diameter 6.25-in
Location: 1000 North Vasco Road		Ground Surface Elevation 526.3	Datum: ground surface
Livermore, California		Borehole MW-3 was completed as a monitoring well MW-3	
Logged by: GDL	Driller: RCV/GDL		

Water Level	7.60		
Time	8:40		
Date	7/24/95		

Field Soil Description

Sampling Blowcounts	PI/DFID H/Nu/CVA reading	Depth test	Sample	Soil Sample Number	Graphic Soil Symbol	USCS Soil Symbol	Field Soil Description
		1					Concrete 0.5 feet, baserock 0.3 feet
		2				CH	Dark yellowish brown 10YR 3/4 stiff clay.
		3				CH	Yellowish brown 10YR 5/6 sandy stiff clay. Neat Cement Grout
		4					Increasing sand content with depth.
		5				SC	Yellowish brown 10YR 5/6 clayey sand. Bentonite Seal
		6					Decreasing clay with depth.
		7					
		8		7-7.6 Ft.		SC/SW	First Encountered Water at 7.85 Feet. ▽ Yellowish brown 10YR 5/4 very clayey pebbly fine to coarse sand. Pebbles to 1 cm.
		9					
		10				SW	Yellowish brown 10YR 5/4 pebbly fine to coarse sand. Pebbles to 2X7 cm.
		11					LONESTAR No. 3 Sand
		12				CH	Yellowish brown 10YR 5/4 stiff sandy clay.
		13					
		14					
		15					
		16					Total Well Depth = 15.05 Feet (below reference mark)
		17					Well completed with 8-inch flush box.
		18					
		19					
		20					
		21					
		22					
		23					
		24					
		25					

2-inch PVC casing and screen. screen openings = 0.020 inch

Total Depth 15.5 (below grade)

Total Well Depth = 15.05 Feet (below reference mark)

Well completed with 8-inch flush box.



P.O.Box 2165 ■ Livermore, California 94551 ■ 510-373-9211

ATTACHMENT C

**SOIL SAMPLE ANALYTICAL RESULTS
CHROMALAB, INC.
SUBMISSION # 9507201**

CHROMALAB, INC.

Environmental Services (SDB)

July 25, 1995

Submission #: 9507201

H2O GEOL

Atten: Gary Lowe

Project: GENO'S COUNTRY STORE
Received: July 19, 1995

re: 3 samples for Gasoline and BTEX analysis.
Method: EPA 5030/8015M/8020

Sampled: July 17, 1995

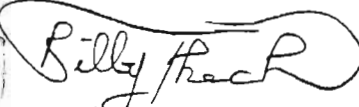
Matrix: SOIL


Run: 7705-4

Analyzed: July 20, 1995

Spl #	Sample ID	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
96287	MW-1@ 7-7.5'	N.D.	N.D.	N.D.	N.D.	6.4
96288	MW-2@ 7-7.5'	N.D.	N.D.	N.D.	N.D.	N.D.
96289	MW-3@ 7-7.5'	N.D.	N.D.	N.D.	N.D.	N.D.

Reporting Limits	1.0	5.0	5.0	5.0	5.0
Blank Result	N.D.	N.D.	N.D.	N.D.	N.D.
Blank Spike Result (%)	92	97	96	99	100


Billy Thach
Chemist


Ali Kharrazi
Organic Manager

CHROMALAB, INC.

Environmental Services (SDB)

July 31, 1995

Submission #: 9507201

H2O GEOL

Atten: Gary Lowe

Project: GENO'S COUNTRY STORE
Received: July 19, 1995

re: 3 samples for Diesel analysis.
Method: EPA 3550/8015M

Sampled: July 17, 1995

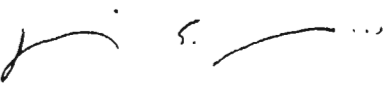
Matrix: SOIL Extracted: July 20, 1995
Run: 7749-D Analyzed: July 22, 1995

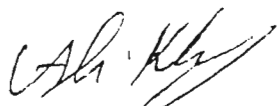
Spl #	Sample ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE RESULT (%)
96289	MW-3@ 7-7.5'	N.D.	1.0	N.D.	92

Sampled: July 17, 1995

Matrix: SOIL Extracted: July 20, 1995
Run: 7749-D Analyzed: July 24, 1995

Spl #	Sample ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE RESULT (%)
96287	MW-1@ 7-7.5'	55	10	N.D.	92
	For above sample:	REPORTING LIMIT RAISED 10X DUE TO DILUTION.			
96288	MW-2@ 7-7.5'	N.D.	1.0	N.D.	92


Dennis Mayugba
Chemist


Ali Kharrazi
Organic Manager



P.O.Box 2165 ■ Livermore, California 94551 ■ 510-373-9211

ATTACHMENT D

**WELL SURVEYOR'S REPORT
RON ARCHER, CIVIL ENGINEER, INC.**

RON ARCHER

CIVIL ENGINEER INC.

CONSULTING • PLANNING • DESIGN • SURVEYING

4133 Mohr Ave., Suite E • Pleasanton, CA 94566
(510) 482-9372



JULY 25, 1995

JOB NO 2308

ELEVATIONS OF EXISTING MONITORING WELLS AT THE GENO'S COUNTRY STORE FACILITY, LOCATED AT 1000 NORTH VASCO ROAD, CITY OF LIVERMORE, ALAMEDA COUNTY, CALIFORNIA.

FOR: *H₂O GEOL*

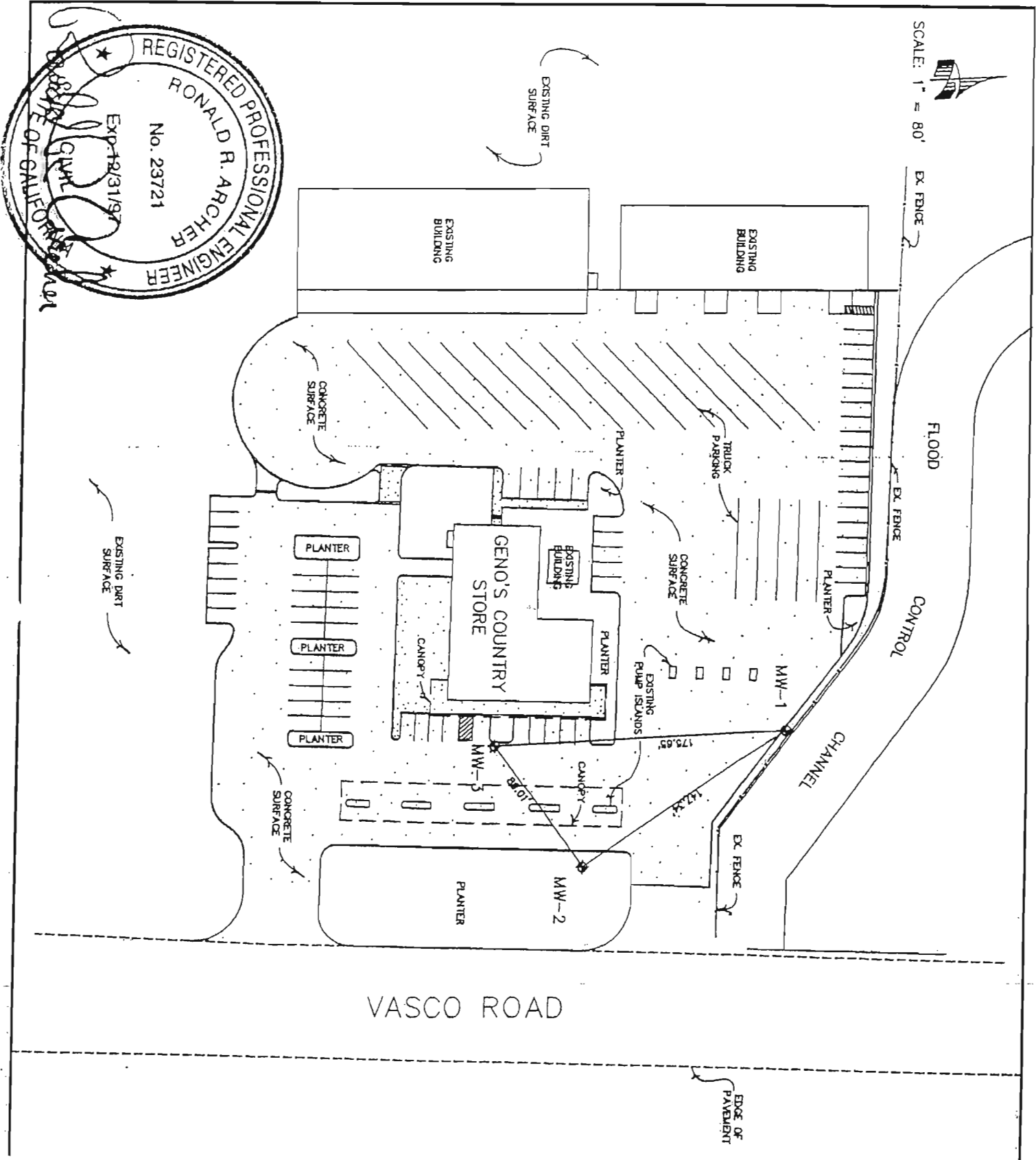
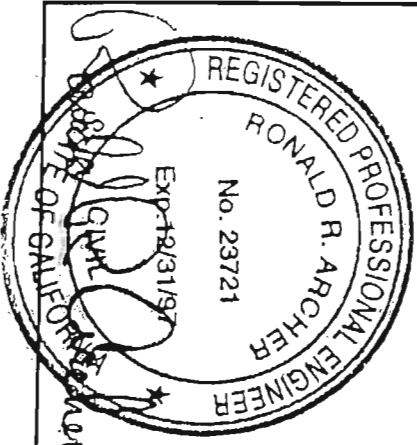
BENCHMARK: VAS-NOR

A FOUND U.S.G.S. BRASS DISK STAMPED "VAS-NOR", LOCATED IN THE TOP OF CURB ABOVE A CATCH BASIN AT THE SOUTHWEST CORNER OF THE INTERSECTION OF VASCO ROAD AND NORTHFRONT ROAD. ELEVATION TAKEN AS 527.04 M.S.L.

MONITORING WELL DATA TABLE

WELL DESIGNATION	TOP OF CASING ELEVATION	TOP OF BOX ELEVATION
MW-1	526.50	526.26 (GROUND)
MW-2	526.83	526.61 (GROUND)
MW-3	526.00	526.32 (BOX)

SCALE: 1" = 80'



VASCO ROAD

GENO'S COUNTRY STORE
1000 NORTH VASCO ROAD,
CITY OF LIVERMORE,
ALAMEDA COUNTY, CALIFORNIA
FOR: H₂O GEOL.



P.O.Box 2165 ■ Livermore, California 94551 ■ 510-373-9211

ATTACHMENT E

LOG OF WELL SAMPLING ACTIVITIES

LOG OF WELL SAMPLING ACTIVITIES

Well Identification: MW-1 Project Name: 10000 N. U.S. Rd. Date: 7/24/95

Sampled by: R CV/GDI Weather Conditions: clear, 68°F, breezy

Well Location: Landscaping Well Casing Diameter: 2" Depth of Well Casing: _____

Measuring Point: Top of PVC Casing Initial Depth to Water: _____ Final Depth to Water: _____

Casing Volume (1 vol./ 3 vol): _____ Well Borehole Volume: _____

Purging Method: Centrifugal Pump/Peristaltic Pump
Grundfos Submersible Pump
Centrifugal Pump/ES-60 Submersible
ES-60 12v Submersible Pump ✓

Sampling Method: Peristaltic Pump
Grundfos Submersible Pump
Teflon Bailor

Purging Rate: See below Total Discharge: _____ Casing Volumes Purged: _____

Comments: Slight Sheen

Waste Water Disposal: _____

Starting Time: 10:02

Time Pump on: 10:04

Date	Time	Gal. Purged	pH	T deg. F	Diluted S.C.	Dil. Factor	S.C. (µS/cm)	Color
7/24/95	10:09	3.0/emptied	8.37	64.9		x	= 1900	yellow Brown
"	10:13	4.0/emptied	7.77	65.1		x	= 1860	" "
"	10:15	5.0/emptied	7.70	64.6		x	= 1860	" "
"	10:18	8.0/emptied	7.69	64.5		x	= 1850	" "
"	10:22	10.0/emptied	7.69	64.4		x	= 1870	" "
"	10:29	10.5	7.76	64.6		x	= 1840	" "
"	10:31	11.0	7.74	64.9		x	= 1850	" "
"	10:34	12.0	7.77	65.0		x	=	
						x	=	
						x	=	
						x	=	

Sample Identification: MW-1 Sample Time: 10:30

TURBIDITY ANALYSIS

Finishing Time: 10:52

Time Analyzed: _____ NTU Value: _____

LOG OF WELL SAMPLING ACTIVITIES

Well Identification: MW-2 Project Name: 1000 N. Vasco Rd. Date: 7/24/95
 Sampled by: RCU/GDL Weather Conditions: Partly cloudy, 67°F, breezy

Well Location: Landscaping Well Casing Diameter: 2" Depth of Well Casing: _____

Measuring Point: Top of PVC Casing Initial Depth to Water: _____ Final Depth to Water: _____

Casing Volume (1 vol./3 vol): _____ Well Borehole Volume: _____

Purging Method: Centrifugal Pump/Peristaltic Pump Sampling Method: Peristaltic Pump
Grundfos Submersible Pump Grundfos Submersible Pump
Centrifugal Pump/ES-60 Submersible Teflon Baller
ES-60 12v Submersible Pump ✓

Purging Rate: See below Total Discharge: _____ Casing Volumes Purged: _____

Comments: no sheen

Waste Water Disposal: _____

Starting Time: 9:23

Time Pump on: 9:25

Date	Time	Gal. Purged	pH	T deg. F	Diluted S.C.	Dil. Factor	S.C. (µS/cm)	Color
7/24/95	9:26	2.0	7.60	67.8		x	= 2610	y=1. Brown
"	9:28	6.0	7.31	67.9		x	= 2560	wh. fish hose
"	9:36	10.0	7.31	67.8		x	= 2580	" "
"	9:44	13.5	7.39	68.0		x	= 2550	" "
"	9:46	15.0	7.36	68.1		x	= 2570	" "
"	9:47	16.0	7.36	67.9		x	= 2580	" "
"	9:48	17.0	7.37	68.0		x	= 2560	" "
"	9:49	18.0	7.38	68.1		x	= 2580	" "
						x	=	
						x	=	
						x	=	

Sample Identification: MW-2 Sample Time: 9:50

TURBIDITY ANALYSIS

Finishing Time: 10:02 Time Analyzed: _____ NTU Value: _____

LOG OF WELL SAMPLING ACTIVITIES

Well Identification: MW-3 Project Name: 1000 N. Vasco Rd Date: 7/24/95

Sampled by: RCU/GDI Weather Conditions: Foggy, calm, 64°F

Well Location: Park lot Well Casing Diameter: 2" Depth of Well Casing: _____

Measuring Point: Top of PVC Casing Initial Depth to Water: _____ Final Depth to Water: _____

Casing Volume (1 vol./3 vol): _____ Well Borehole Volume: _____

Purging Method: Centrifugal Pump/Peristaltic Pump
Grundfos Submersible Pump
Centrifugal Pump/ES-60 Submersible
ES-60 12v Submersible Pump ✓

Sampling Method: Peristaltic Pump
Grundfos Submersible Pump
Teflon Bailor

Purging Rate: See below Total Discharge: 22.5 Casing Volumes Purged: _____

Comments: No Sheen, pum

Waste Water Disposal: _____

Starting Time: 8:36

Time Pump on: 8:48

Date	Time	Gal. Purged	pH	T deg. F	Diluted S.C.	Dil. Factor	S.C. (µS/cm)	Color
7/24	8:49	2	7.42	69.4		x	= 2540	yellow/brown
"	8:55	10	7.44	69.0		x	= 2430	" "
"	8:59	17	7.34	69.0		x	= 2420	whitish hue
"	9:01	19	7.39	68.7		x	= 2440	" "
"	9:02	20	7.36	68.9		x	= 2430	" "
"	9:03	21	7.39	68.7		x	= 2440	" "
"	9:03	21.5	7.38	68.8		x	= 2440	" "
"	9:04	22.0	7.36	68.7		x	= 2430	" "
"	9:05	22.5	7.37	68.9		x	= 2440	" "
						x	=	
						x	=	

Sample Identification: MW-3 Sample Time: 9:06

TURBIDITY ANALYSIS

Finishing Time: 9:23

Time Analyzed: _____ NTU Value: _____



P.O.Box 2165 ■ Livermore, California 94551 ■ 510-373-9211

ATTACHMENT F

GROUNDWATER SAMPLE ANALYTICAL RESULTS
CHROMALAB, INC.
SUBMISSION # 9507272

CHROMALAB, INC.

Environmental Services (SDB)

August 7, 1995

Submission #: 9507272

H2O GEOL

Atten: Gary Lowe

Project: GENO'S COUNTRY STORE
Received: July 24, 1995

re: 3 samples for Diesel analysis.
Method: EPA 3510/8015M

Sampled: July 24, 1995

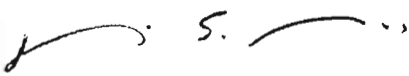
Matrix: WATER


Extracted: July 25, 1995

Run: 7774-D

Analyzed: July 26, 1995

Spl #	Sample ID	DIESEL (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
96748	MW-1	910	250	N.D.	68
	For above sample: REPORTING LIMIT RAISED 5X DUE TO DILUTION.				
96749	MW-2	N.D.	50	N.D.	68
96750	MW-3	N.D.	50	N.D.	68


Dennis Mayugba
Chemist


Ali Khazrazi
Organic Manager

CHROMALAB, INC.

Environmental Services (SDB)

August 7, 1995

Submission #: 9507272

H2O GEOL

Atten: Gary Lowe

Project: GENO'S COUNTRY STORE
Received: July 24, 1995

re: 3 samples for Gasoline and BTEX analysis.
Method: EPA 5030/8015M/602/8020

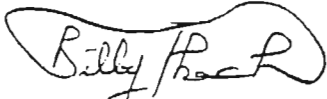
Sampled: July 24, 1995

Matrix: WATER

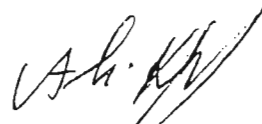
Run: 7765-3

Analyzed: July 26, 1995

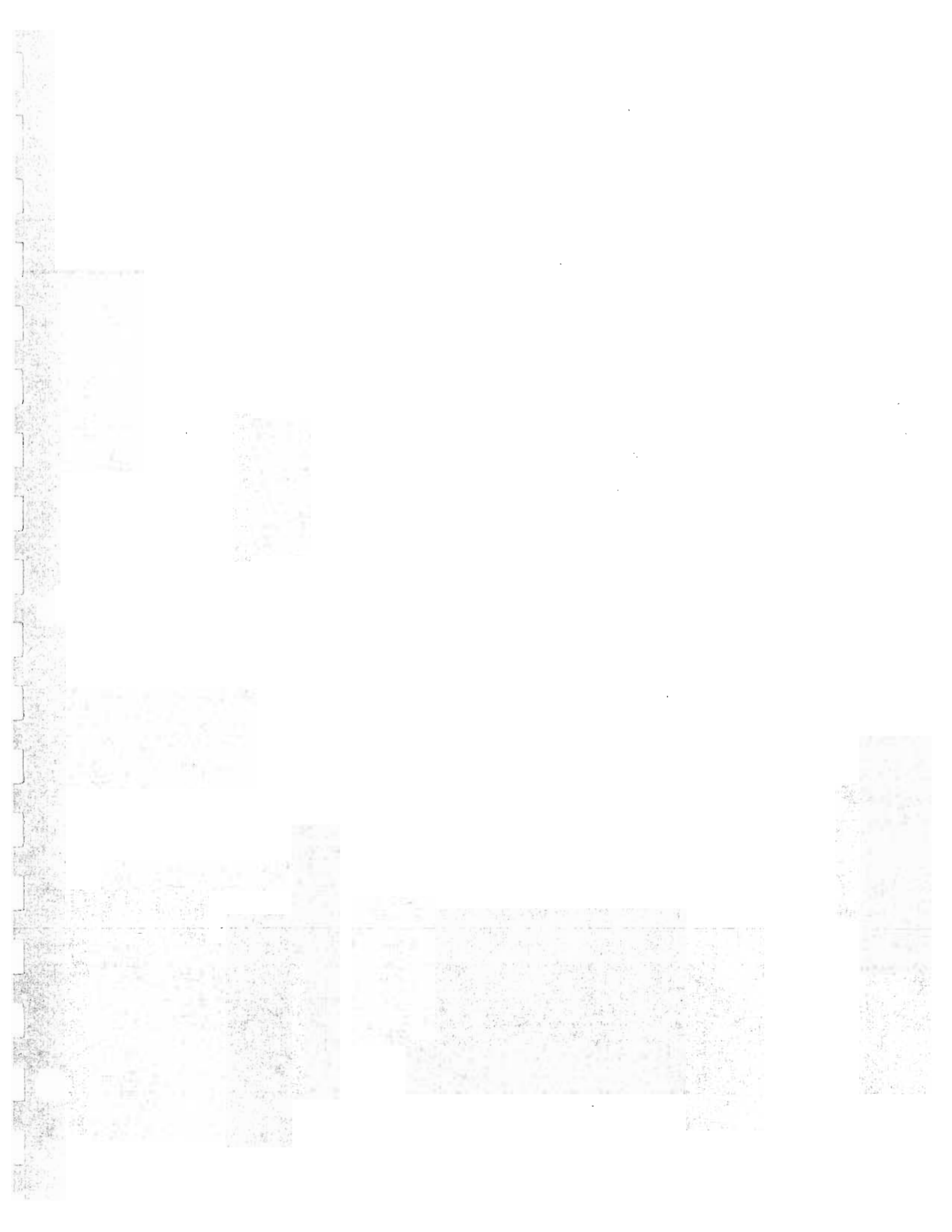
Spl #	Sample ID	Gasoline (mg/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
96748	MW-1	N.D.	N.D.	N.D.	N.D.	N.D.
96749	MW-2	N.D.	N.D.	N.D.	N.D.	N.D.
96750	MW-3	0.06	N.D.	N.D.	N.D.	N.D.
Reporting Limits		0.05	0.5	0.5	0.5	0.5
Blank Result		N.D.	N.D.	N.D.	N.D.	N.D.
Blank Spike Result (%)		90	99	98	98	97



Billy Thach
Chemist



Ali Kharrazi
Organic Manager



ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

StID 4139

September 22, 1995

Mr. Geno Macedo
5470~~2~~ Beaver Ln
Byron, CA 94514

RE: QMR for 1000 North Vasco Rd, Livermore 94550

Dear Mr. Macedo:

I have completed review of H₂OGEOL's August 1995 Soil Sampling, Monitoring Well Installation report for the above referenced site. Groundwater in the vicinity of the former diesel underground storage tank is detecting low levels of diesel contaminant. At this time, a quarter monitoring/sampling schedule should be established for this site. Quarterly monitoring reports (QMRs) are also due within 60 days upon completion of field work. The next sampling event should be in October 1995.

If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

cc: files



ENVIRONMENTAL
PROTECTION

95 NOV 23 PM 12:07

Ms. Eva Chu
Hazardous Materials Specialist
Alameda County Health Care Services Agency
Department of Environmental Health
Hazardous Materials Division
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502-6577

November 22, 1995

RE: Second consecutive quarter (4th Quarter, 1995) groundwater monitoring at Geno's Country Store, 1000 North Vasco Road, Livermore, California.

Dear Ms. Chu;

This letter report provides the results of the second consecutive quarter (Fourth Quarter, 1995) sampling of the monitoring wells at Geno's Country Store, located at 1000 North Vasco Road in Livermore, California (Figure 1).

Depth to water in each monitoring well was measured to +/- 0.01 feet using a Solinst Model 101 water level meter on November 06, 1995. The depth to water was converted to potentiometric surface elevation by subtracting the measured depths to water from the casing top elevation. This information is presented below.

WELL AND GROUNDWATER ELEVATIONS
NOVEMBER 06, 1995

Well Number	Top of Casing Elevation (feet, msl)	Time of Depth measurement	Depth to Water (feet)	Groundwater Surface Elevation (feet, msl)
MW-1	526.50	09:00	8.75	517.75
MW-2	526.83	08:56	8.35	518.48
MW-3	526.00	08:58	7.96	518.04

The groundwater flow direction (more precisely direction of groundwater gradient, since the horizontal hydraulic conductivity anisotropy is unknown) for the triangle with a well at each apex is N 77° W at a gradient of 0.0072. Figure 2 is a potentiometric surface map showing well locations and groundwater surface contours as measured on November 06, 1995. Historic water level information follows.

Ms. Eva Chu
November 22, 1995
Page 2

MW-1	07/24/95	08:45	8.68	517.82
	11/06/95	09:00	8.75	517.75
MW-2	07/24/95	08:43	8.17	518.66
	11/06/95	08:56	8.35	518.48
MW-3	07/24/95	08:40	7.60	518.40
	11/06/95	08:58	7.96	518.04

GROUNDWATER FLOW DIRECTION AND GRADIENT

07/24/95 N 60° W at a gradient of 0.0065
(note typographic correction of direction from 08/16/95 report)
11/06/95 N 77° W at a gradient of 0.0072

AVERAGE N 68.5° W at a gradient of 0.0069

Following water level measurements the groundwater surface at each monitoring well was checked for free product, observation of sheen, and odor. No free product or sheen was found. Groundwater from monitoring well MW-1 possessed a hydrocarbon odor.

The monitoring wells were purged by pumping with an "ES-60" submersible pump marketed for monitoring well purging by Enviro-Tech Services Co. of Martinez, California. Field measured water quality parameters were measured using a Cambridge Scientific Industries Hydac™ Conductivity Temperature pH Tester. Well purging activities and the field measured water quality parameters are documented in Attachment A. For each well, purging continued until specific conductance stabilized to +/- 5% on consecutive readings.

The purge pump was slowly removed from each well while running to allow a sweeping of the wellbore, preventing significant surging of the wellbore and drainage of the discharge tubing into the well.

Groundwater samples for TPH-D were collected directly from the end of the pump discharge tubing into a one liter amber glass bottle. Groundwater samples for TPH-G plus BTEX were collected using a precleaned Teflon™ bailer suspended from a new nylon twine line. Water samples were transferred, in duplicate, from the bailer to 40-mL glass vials with Teflon™ septum lids using a precleaned Teflon™ peacock type bottom emptying device.

Groundwater sample bottles were labeled and placed in an ice chest with 2 Liter plastic bottles containing ice. Chain-of-Custody forms were filled out and were delivered with the ice chest to Superior Analytical Laboratory, Inc. of Martinez, California, a state certified laboratory.

Groundwater samples from all three monitoring wells were found not to contain detectable concentrations of petroleum hydrocarbons. The laboratory report and Chain-of-Custody documentation is contained in Attachment B. The historic groundwater sample analytical results are summarized below.

All concentrations are expressed in micrograms per liter ($\mu\text{g/L}$).

Well	TPH-D	TPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes
MW-1						
07/24/95	910	<50	<0.5	<0.5	<0.5	<0.5
11/06/95	<50	<50	<0.5	<0.5	<0.5	<0.5
MW-2						
07/24/95	<50	<50	<0.5	<0.5	<0.5	<0.5
11/06/95	<50	<50	<0.5	<0.5	<0.5	<0.5
MW-3						
07/24/95	<50	60	<0.5	<0.5	<0.5	<0.5
11/06/95	<50	<50	<0.5	<0.5	<0.5	<0.5

(Note typographic correction of 07/24/95 "ND" values for TPH-G concentrations for MW-1 & -2 from 08/16/95 report).

California*Primary MCL's						
	na	na	1	na	680	1,750
US E.P.A.*Primary MCL's						
	na	na	5	1,000	700	10,000

na - not available

Marshack, Jon B., D. Env. 1991, A Compilation of Water Quality Goals, Central Valley Regional Water Quality Control Board.

Ms. Eva Chu
November 22, 1995
Page 4

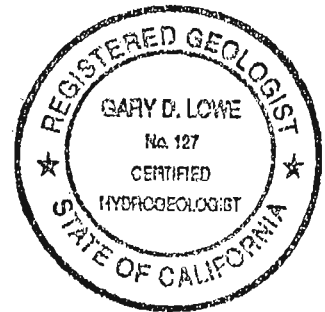
The third consecutive quarter (First Quarter, 1996) sampling event at Geno's Country Store, located at 1000 North Vasco Road in Livermore, California is scheduled for the week of February 05, 1996.

Please do not hesitate to call me at (510) 373-9211 should you have any questions.

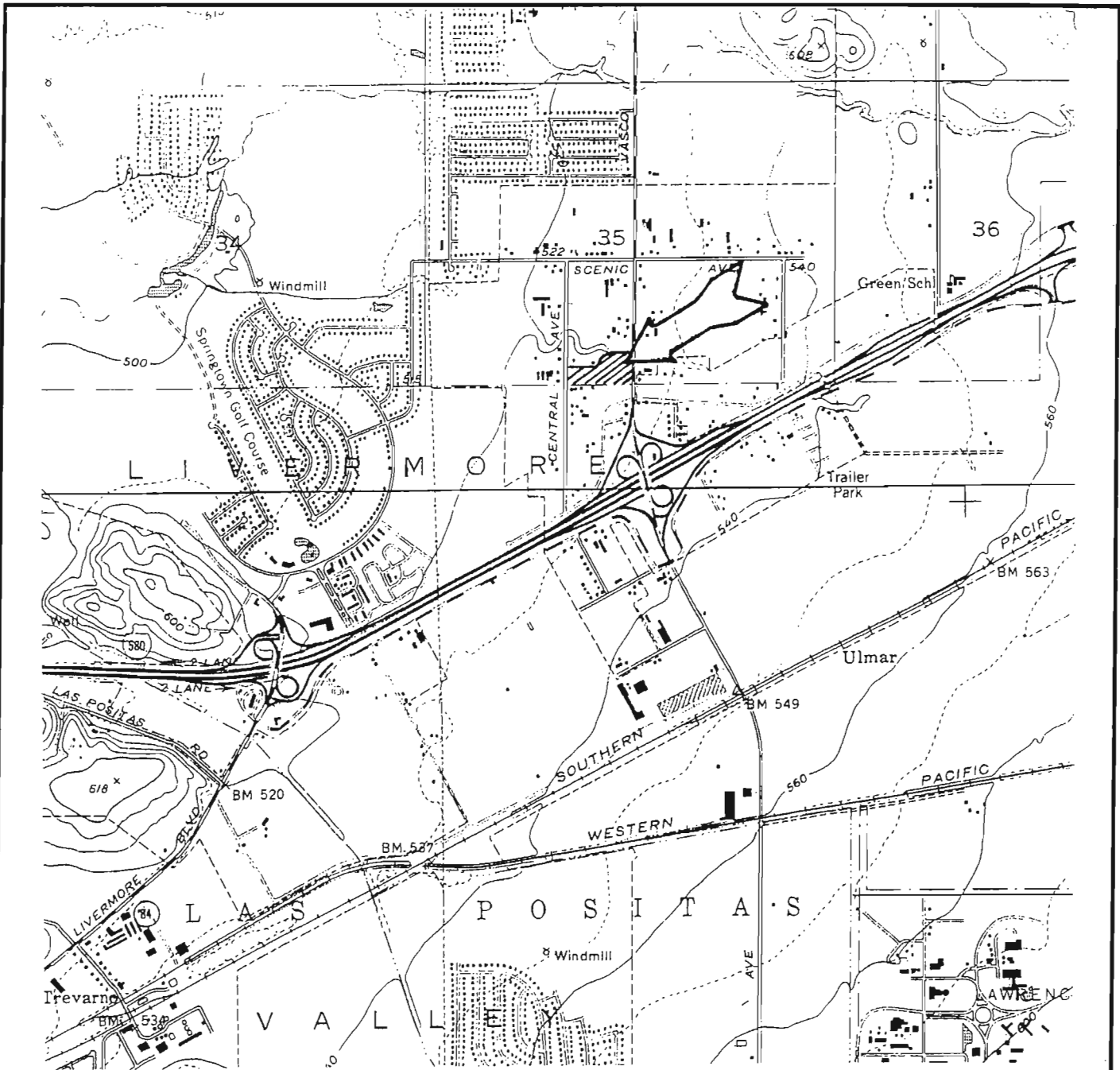
Sincerely,



Gary D. Lowe, R.G., C.E.G., C.H.
Principal, Hydrogeologist
Sole Proprietor



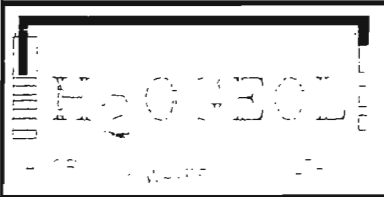
xc: Mr. Geno Macedo, Geno's Country Store, 1000 North Vasco Road,
Livermore, 94550



Base from U.S. Geological Survey Altamont 7.5 Minute Series Topographic Map



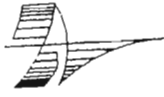
1000 0 1000 2000 3000 4000 5000 FEET



SITE LOCATION MAP
 GENO'S COUNTRY STORE
 1000 NORTH VASCO ROAD
 LIVERMORE, CALIFORNIA

FIGURE

1



SCALE: 1" = 50'

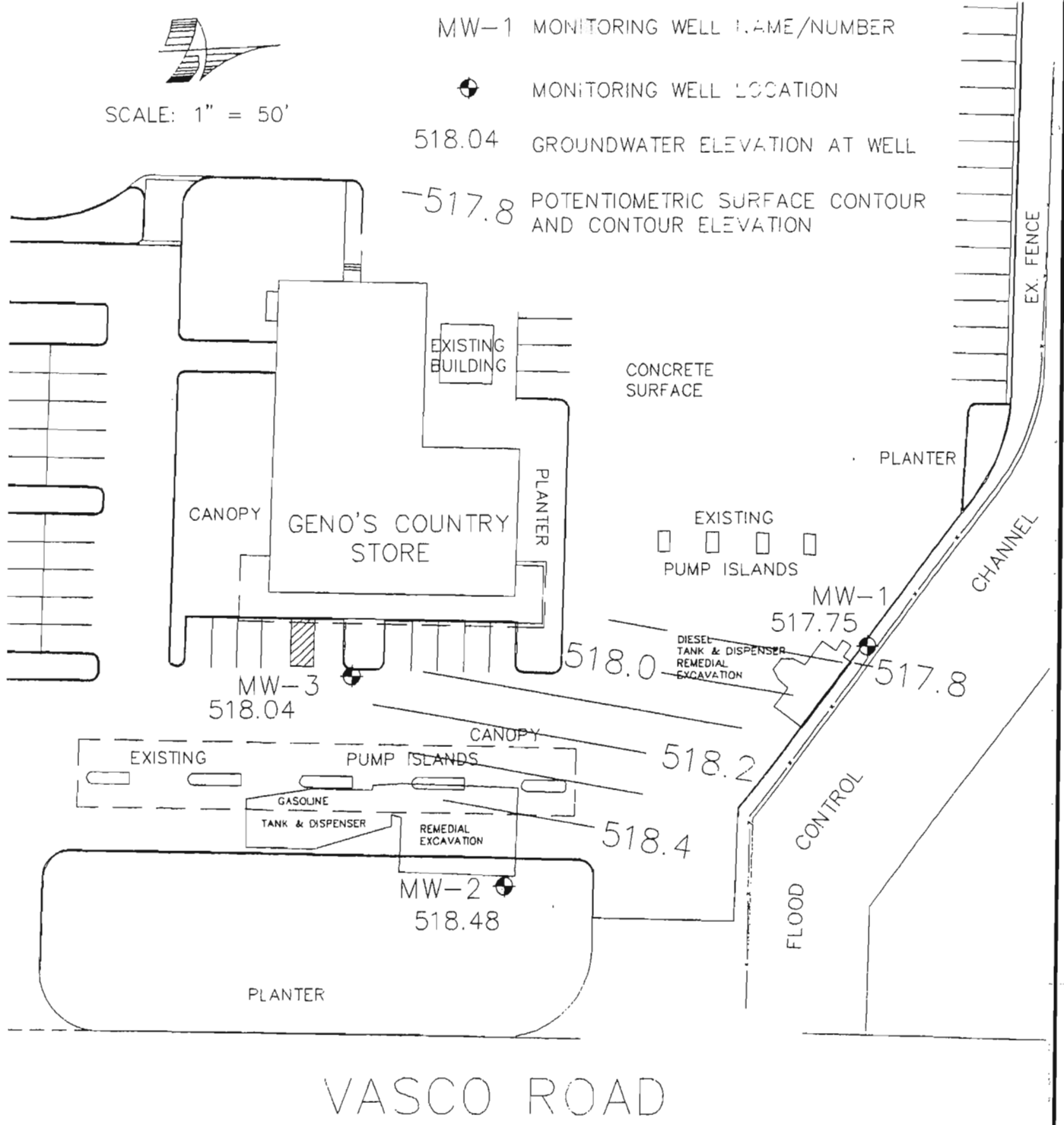
MW-1 MONITORING WELL NAME/NUMBER



MONITORING WELL LOCATION

518.04 GROUNDWATER ELEVATION AT WELL

-517.8 POTENTIOMETRIC SURFACE CONTOUR AND CONTOUR ELEVATION



VASCO ROAD

POTENTIOMETRIC SURFACE MAP FOR 11/06/95

FIGURE

2

H₂OGEOL
A GROUND WATER CONSULTANCY

GENO'S COUNTRY STORE
1000 NORTH VASCO ROAD
LIVERMORE, CALIFORNIA



P.O.Box 2165 ■ Livermore, California 94551 ■ 510-373-9211

ATTACHMENT A

FIELD DATA SHEET
LOG OF WELL SAMPLING ACTIVITIES

LOG OF WELL SAMPLING ACTIVITIES

Geno's Deli & Shell
 Well Identification: MW-1 Project Name: 1000 North Vasco Road, Livermore, California Date: 11/06/95
 Sampled by: G. Lowe Weather Conditions: Clear 68°F, 56°F
 Well Location: North end in plaster Well Casing Diameter: 2 inch Depth of Well Casing: 15.60
 Measuring Point: Top of PVC Casing Initial Depth to Water: 8.75 Final Depth to Water: Not measured
 Casing Volume (1 vol / 3 vol): 1.1 / 3.3 Well Borehole Volume:

Purging Method: Centrifugal Pump/Peristaltic Pump Sampling Method: Peristaltic Pump
 Groundfor Submersible Pump Groundfor Submersible Pump
 ES-60 Submersible Pump ES-60 Submersible Pump
 Teflon Bailor Teflon Bailor

Purging Rate: See below Total Discharge: 3.6 Casing Volumes Purged: 3.3

Comments: slight fuel odor
 Waste Water Disposal: To property ~~in~~down soil remediation filter
 Starting Time: 9:40
 Time Pump on: 9:42

Date	Time	Gal. Purged	pH	T deg. F	Diluted S.C.	DR. Factor	S.C. (uS/cm)	Color
11/06/95	9:43	1.3	7.53	66.7		x	2.370	Yel. Brown
"	9:45	2.6	7.45	68.8		x	2.370	"
"	9:46	2.8	7.47	69.1		x	2.370	"
"	9:48	3.0	7.44	69.3		x	2.370	"
"	9:53	3.6	7.49	69.0		x	2.340	"
:	:	:	:	:		x		
:	:	:	:	:		x		
:	:	:	:	:		x		
:	:	:	:	:		x		
:	:	:	:	:		x		

Sample Identification: GENOMW-1 Sample Time: 9:54
 Finishing Time: 9:59
 Time Analyzed: _____ NTU Value: _____

TURBIDITY ANALYSIS

LOG OF WELL SAMPLING ACTIVITIES

Geno's Deli & Shell
 Well Identification: MW-2 Project Name: 1000 North Vasco Road, Livermore, California Date: 11/06/95
 Sampled by: G. Lowe Weather Conditions: Clear 66°F, 56°F
 Well Location: ~~North end in plaster~~ Well Casing Diameter: 2 inch Depth of Well Casing: 15.76
 Measuring Point: Top of PVC Casing Initial Depth to Water: _____ Final Depth to Water: Not measured
 Casing Volume (1 vol / 3 vol): 1.1 / 3.3 Well Borehole Volume:

Purging Method: Centrifugal Pump/Peristaltic Pump Sampling Method: Peristaltic Pump
 Groundfor Submersible Pump Groundfor Submersible Pump
 ES-60 Submersible Pump ES-60 Submersible Pump
 Teflon Bailor Teflon Bailor

Purging Rate: See below Total Discharge: 3.4 Casing Volumes Purged: 3.1

Comments: _____
 Waste Water Disposal: To property ~~in~~down soil remediation filter
 Starting Time: 8:59
 Time Pump on: 9:05

Date	Time	Gal. Purged	pH	T deg. F	Diluted S.C.	DR. Factor	S.C. (uS/cm)	Color
11/06/95	9:10	2.1	7.21	68.4		x	2.110	Yel. Brown
"	9:12	3.7	7.26	68.4		x	2.430	White
"	9:14	3.0	7.30	68.2		x	2.450	"
"	9:16	3.0	7.27	68.4		x	2.440	"
"	9:17	3.3	7.31	68.2		x	2.400	"
"	9:18	3.4	7.32	68.4		x	2.420	"
:	:	:	:	:		x		
:	:	:	:	:		x		
:	:	:	:	:		x		
:	:	:	:	:		x		
:	:	:	:	:		x		

Sample Identification: GENOMW-2 Sample Time: 9:20
 Finishing Time: 9:24
 Time Analyzed: _____ NTU Value: _____

TURBIDITY ANALYSIS



P.O.Box 2165 ■ Livermore, California 94551 ■ 510-373-9211

ATTACHMENT B

**LABORATORY ANALYTICAL RESULTS
AND CHAIN-OF-CUSTODY DOCUMENTATION**



Superior Analytical Laboratory

H2OGEOL A GROUNDWATER CONSULTANCY
P.O. BOX 2165
LIVERMORE, CA 94551

Attn: GARY D. LOWE

Date: November 15, 1995

Laboratory Number : 20454 Project Number/Name : GENO'S DELI AND SHELL



Superior Analytical Laboratory

H2OGEOL A GROUNDWATER CONSULTANCY

Project GENO'S DELI AND SHELL
Reported on November 9, 1995

Gasoline Range Petroleum Hydrocarbons and BTEX

by EPA SW-846 5030/8015H/8020
Gasoline Range quantitated as all compounds from C6-C10

Chronology Laboratory Number 20454
Sample ID Sampled Received Extract. Analyzed QC Batch LAB #

GENO/MR-1 11/06/95 11/06/95 11/08/95 11/08/95 BK081.37 01
GENO/MR-2 11/06/95 11/06/95 11/08/95 11/08/95 BK081.37 02
GENO/MR-3 11/06/95 11/06/95 11/08/95 11/08/95 BK081.37 03

QC Samples

QC Batch #	QC Sample ID	TypeRef.	Matrix	Extract.	Analyzed
BK081.37-02	Laboratory Spike	LS	Water	11/08/95	11/08/95
BK081.37-06	42-7-8	MS 20446-03	Water	11/08/95	11/08/95
BK081.37-07	42-7-8	MSD 20446-03	Water	11/08/95	11/08/95
BK081.37-01	Method Blank	HB	Water	11/08/95	11/08/95
BK081.37-03	Laboratory Spike	LS	Water	11/08/95	11/08/95
BK081.37-08	42-7-8	MS 20446-03	Water	11/08/95	11/08/95
BK081.37-08	42-7-8	MSD 20446-03	Water	11/08/95	11/08/95

This report has been reviewed and
approved for release.

Harold S. ...
Senior Chemist
Account Manager

Customer Service: (800) 521-6109 • Laboratory: (510) 313-0850 • Facsimile: (510) 229-0916
Post Office Box 2648 • 835 Arnold Drive • Suite #106 • Martinez, California 94553
1555 Burke Street • Suite A • San Francisco, California 94124



Superior
Analytical Laboratory

F206POL A GROUNDWATER CONSULTANCY
Attn: GARY D. LOWE

Project GENO'S DELI AND SHELL
Reported on November 9, 1995

Gasoline Range Petroleum Hydrocarbons and BTEX
by EPA SW-846 5030/8015H/8020
Gasoline Range quantitated as all compounds from C6-C10

LAB ID	Sample ID	Matrix	DIL.Factor	Moisture
20454-01	GENO/MW-1	Water	1.0	-
20454-02	GENO/MW-2	Water	1.0	-
20454-03	GENO/MW-3	Water	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	20454-01 Conc. RL ug/L	20454-02 Conc. RL ug/L	20454-03 Conc. RL ug/L
Gasoline Range	ND	50	ND
Benzene	ND	0.5	ND
Toluene	ND	0.5	ND
Ethyl Benzene	ND	0.5	ND
Total Xylenes	ND	0.5	ND

>> Surrogate Recoveries (%) <<
Trifluorotoluene (SF) 101 102 103



Superior
Analytical Laboratory

Gasoline Range Petroleum Hydrocarbons and BTEX
by EPA SW-846 5030/8015H/8020
Gasoline Range quantitated as all compounds from C6-C10

Quality Assurance and Control Data

Laboratory Number: 20454
Method Blank(#)

BK081.37-01
Conc. RL
ug/L

Gasoline Range	ND	50
Benzene	ND	0.5
Toluene	ND	0.5
Ethyl Benzene	ND	0.5
Total Xylenes	ND	0.5

>> Surrogate Recoveries (%) <<
Trifluorotoluene (SF) 101



superior
Analytical Laboratory



Superior
Analytical Laboratory

Gasoline Range Petroleum Hydrocarbons and BTEX
by EPA SW-846 5030/8015H/8020
Gasoline Range quantitated as all compounds from C6-C10

Quality Assurance and Control Data

Laboratory Number: 20454

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits	RPD %
----------	--------------	-----------	------------	------------	--------	-------

BK081.37 02 / - Laboratory Control Spikes

Compound	2000	1900	95	65-135
Benzene	20	21	105	65-125
Toluene	20	21	105	65-125
Ethyl Benzene	20	21	105	65-125
Total Xylenes	60	59	98	65-125

>> Surrogate Recoveries (%) <<
Trifluorotoluene (SS) 101

BK081.37 03 / - Laboratory Control Spikes

Compound	2000	1900	95	65-135
----------	------	------	----	--------

For Water Matrix (ug/L)

BK081.37 06 / 07 - Sample Spiked: 20446 - 03

Compound	ND	20	20/21	100/105	65-125	5
Benzene	ND	20	20/21	100/105	65-125	5
Toluene	ND	20	20/21	100/105	65-125	5
Ethyl Benzene	ND	20	21/21	105/105	65-125	0
Total Xylenes	ND	60	59/60	98/100	65-125	2

>> Surrogate Recoveries (%) <<
Trifluorotoluene (SS) 100/104 50-150

For Water Matrix (ug/L)

BK081.37 08 / 08 - Sample Spiked: 20446 - 03

Compound	ND	2000	1800/1800	90/90	65-135
----------	----	------	-----------	-------	--------

Narrative:

Definitions:
 ND = Not Detected
 RL = Reporting Limit
 NA = Not Analyzed
 RPD = Relative Percent Difference
 ug/L = parts per billion (ppb)
 mg/L = parts per million (ppm)
 ug/kg = parts per billion (ppb)
 mg/kg = parts per million (ppm)



Superior
Analytical Laboratory

H2GEOLOG A GROUNDWATER CONSULTANCY
Attn: GARY D. LOWE

Project GENO'S DELI AND SHELL
Reported on November 14, 1995

Total Extractable Petroleum Hydrocarbons
by EPA SW-846 Method 8015M

Chronology	Sample ID	QC Batch #	QC Sample ID	QC Batch	LAB #	Laboratory Number
	GENO/MW-1	11/06/95 11/06/95 11/07/95 11/09/95	BK071.21	01		20454
	GENO/MW-2	11/06/95 11/06/95 11/07/95 11/09/95	BK071.21	02		
	GENO/MW-3	11/06/95 11/06/95 11/07/95 11/09/95	BK071.21	03		

QC Samples

QC Batch #	QC Sample ID	TypeRef.	Matrix Extract.	Analyzed
BK071.21-01	Method Blank	MB	Water	11/07/95 11/08/95
BK071.21-02	Laboratory Spike	LS	Water	11/07/95 11/08/95
BK071.21-03	Laboratory Spike Duplicate	LSD	Water	11/07/95 11/08/95



Superior
Analytical Laboratory

H2GEOLOG A GROUNDWATER CONSULTANCY
Attn: GARY D. LOWE

Project GENO'S DELI AND SHELL
Reported on November 14, 1995

Total Extractable Petroleum Hydrocarbons
by EPA SW-846 Method 8015M

LAB ID	Sample ID	Matrix	Dil. Factor	Moisture
20454-01	GENO/MW-1	Water	1.0	-
20454-02	GENO/MW-2	Water	1.0	-
20454-03	GENO/MW-3	Water	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	20454-01	20454-02	20454-03
	Conc. RL	Conc. RL	Conc. RL
	ug/L	ug/L	ug/L

Diesel:	ND	50	ND**	50	ND	50
>> Surrogate Recoveries (%) <<	80	61	86			
Tetracosane						



Superior

Analytical Laboratory

Total Extractable Petroleum Hydrocarbons
by EPA SW-846 Method 8015M

Quality Assurance and Control Data

Laboratory Number: 20454
Method Blank(s)

BK071.21-01
Conc. RL
ug/L

ND 50

>> Surrogate Recoveries (t) <<
Tetracosane 108

Diesel:



Superior

Analytical Laboratory

Total Extractable Petroleum Hydrocarbons
by EPA SW-846 Method 8015M

Quality Assurance and Control Data

Laboratory Number: 20454

Compound Sample SPK Level SPK Result Recovery Limits RPD
Conc. † † † † † †

For Water Matrix (ug/L)
BK071.21 02 / 03 - Laboratory Control Spikes

Diesel: 250 233/205 93/82 50-150 13

>> Surrogate Recoveries (t) <<
Tetracosane 69/55 50-150

** - Hydrocarbons were found in the range of diesel, but do not resemble a diesel fingerprint.

Definitions:

ND = Not Detected
RL = Reporting Limit
NA = Not Analysed
RPD = Relative Percent Difference
ug/L = parts per billion (ppb)
mg/L = parts per million (ppm)

ug/kg = parts per billion (ppb)
mg/kg = parts per million (ppm)

H₂OCEOL | GROUNDWATER CONSULTING
 P.O. BOX 2165
 LIVERMORE, CALIFORNIA 94551-2165
 DATE: 11/06/95 PAGE 1 of 1
 Sample Source:
 Geno's Deli & Shell
 1000 North Vasco Road
 Livermore, California

ANALYTE
 Total Petroleum Hydrocarbons as Diesel (EPA 3560/8015)
 Total Petroleum Hydrocarbons as Gasoline + BTEX (EPA 6030/8015M + 8020/602)
 CHAIN OF CUSTODY
 TOTAL No. of CONTAINERS _____
 CHAIN OF CUSTODY SEALS _____
 RECD GOOD CONDITION/COLD _____
 COMMENTS TO RECORD _____
 LAB NO. _____

FAX RESULTS TO (510) 373-9222

SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	ANALYTE	NUMBER OF CONTAINERS
GENOMW-1	11/06/95	09:54	WATER			3
GENOMW-2	11/06/95	09:20	WATER			3
GENOMW-3	11/06/95	09:4	WATER			3

Please note special pricing per Quotation No. 95-00931
 10-Day TAT.

RELINQUISHED BY: *Grey D. Lowe*
 SIGNATURE: _____
 PRINTED NAME: Grey D. Lowe
 DATE: 11/06/95
 TIME: 14:11

RELINQUISHED BY: _____
 SIGNATURE: _____
 PRINTED NAME: _____
 DATE: _____
 TIME: _____

RECEIVED BY LABORATORY: *Superior Analytical, Inc.*
 SIGNATURE: _____
 PRINTED NAME: Kelly F. Smith
 DATE: 11/06/95
 TIME: 2:00 PM

204508

ENVIRONMENTAL
PROTECTION



96 JUL 29 PM 3:22

what is source

Ms. Eva Chu
Hazardous Materials Specialist
Alameda County Health Care Services Agency
Department of Environmental Health
Hazardous Materials Division
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502-6577

July 30, 1996

RE: Remedial soil pile sampling and Unauthorized Release Form
Geno's Country Store, 1000 N. Vasco Road, Livermore, CA.

Dear Ms. Chu;

Enclosed herewith is an Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report form filled in on July 26, 1996 for Geno's Country Store, located at 1000 North Vasco Road in Livermore, California. This form is being provided at your request.

The aeration/passive bioremediation soil pile was sampled on July 09, 1996. Twelve samples were submitted to Chromalab, Inc. of Pleasanton, CA for analysis of TPH-G+BTEX by EPA Method 5030/8015M/8020 and for TPH-D by EPA 3510/8015M. A copy of their report and chain-of-custody documentation are attached.

All 12 samples were N.D. for TPH-G (<1.0 mg/Kg) and BTEX (<0.005 mg/Kg, each).

Attached Figure 1 shows the distribution of the 12 samples on the aeration/passive bioremediation soil pile and the analytical results for the TPH-D analysis.

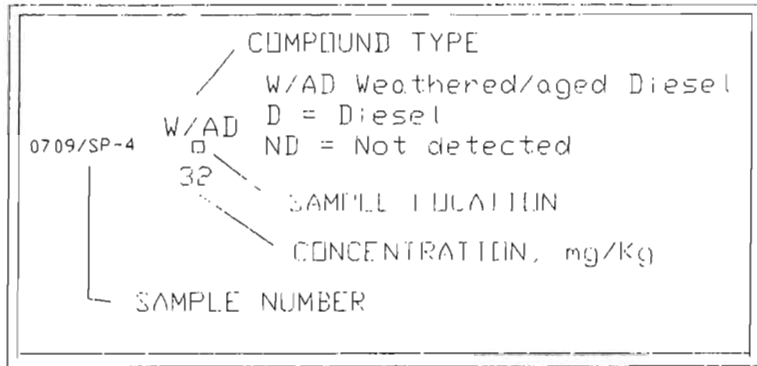
Two samples contained low concentrations of Diesel (SP-10, 28 mg/Kg and SP-12, 150 mg/Kg). Seven samples contained weathered/aged diesel, the goal of bioremediation. Three samples were reported as N.D. (<1.0 mg/Kg).

Please do not hesitate to call should you have any questions.

Sincerely,

Gary D. Lowe, R.G., C.E.G., C.H.
Principal, Hydrogeologist
Sole Proprietor





0709/SP-1	W/AD □ 41	ND □ <1.0	0709/SP-9
0709/SP-2	W/AD □ 280	D □ 28	0709/SP-10
0709/SP-3	W/AD □ 72	W/AD □ 35	0709/SP-11
0709/SP-4	W/AD □ 32	D □ 150	0709/SP-12
0709/SP-5	ND □ <1.0	RAMP UP	
0709/SP-6	ND □ <1.0		
0709/SP-7	W/AD □ 73		
0709/SP-8	W/AD □ 410		

← STYLIZED SOIL PILE OUTLINE

CENTRAL AVENUE

CHROMALAB, INC.

Environmental Services (SDB)

July 19, 1996

Submission #: 9607575

H20GEOL

Atten: Gary Lowe

Project: GENO'S COUNTRY STORE
 Received: July 8, 1996

re: 12 samples for Gasoline and BTEX compounds analysis.
 Method: EPA 5030/8015M/8020

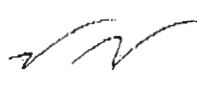
Matrix: SOIL
 Sampled: July 8, 1996 Run#: 2089 Analyzed: July 10, 1996

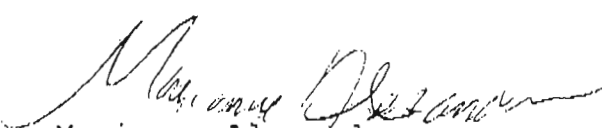
Spl#	CLIENT SPL ID	Gasoline (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethyl Benzene (mg/Kg)	Total Xylenes (mg/Kg)
91107	0709/SP-1	N.D.	N.D.	N.D.	N.D.	N.D.
91108	0709/SP-2	N.D.	N.D.	N.D.	N.D.	N.D.
91109	0709/SP-3	N.D.	N.D.	N.D.	N.D.	N.D.
91110	0709/SP-4	N.D.	N.D.	N.D.	N.D.	N.D.

Matrix: SOIL
 Sampled: July 8, 1996 Run#: 2116 Analyzed: July 10, 1996

Spl#	CLIENT SPL ID	Gasoline (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethyl Benzene (mg/Kg)	Total Xylenes (mg/Kg)
91111	0709/SP-5	N.D.	N.D.	N.D.	N.D.	N.D.
91112	0709/SP-6	N.D.	N.D.	N.D.	N.D.	N.D.
91113	0709/SP-7	N.D.	N.D.	N.D.	N.D.	N.D.
91114	0709/SP-8	N.D.	N.D.	N.D.	N.D.	N.D.
91115	0709/SP-9	N.D.	N.D.	N.D.	N.D.	N.D.
91116	0709/SP-10	N.D.	N.D.	N.D.	N.D.	N.D.
91117	0709/SP-11	N.D.	N.D.	N.D.	N.D.	N.D.
91118	0709/SP-12	N.D.	N.D.	N.D.	N.D.	N.D.

Reporting Limits	1.0	0.0050	0.0050	0.0050	0.0050
Blank Result	N.D.	N.D.	N.D.	N.D.	N.D.
Blank Spike Result (%)	64.2	86.0	90.5	92.0	95.2


 June Zhao
 Chemist


 Marianne Alexander
 Gas/BTEX Supervisor

CHROMALAB, INC.

Environmental Services (SDB)

July 22, 1996

Submission #: 9607575

H20GEOL

Atten: Gary Lowe

Project: GENO'S COUNTRY STORE
Received: July 8, 1996

re: 12 samples for TPH - Diesel analysis.
Method: EPA 3510/8015M

Sampled: July 8, 1996 Matrix: SOIL Extracted: July 10, 1996
Run#: 2118 Analyzed: July 11, 1996

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
91107	0709/SP-1	41	1.0	N.D.	78.8	1

Note: Hydrocarbon reported has characteristics of weathered/aged Diesel.

Sampled: July 8, 1996 Matrix: SOIL Extracted: July 10, 1996
Run#: 2118 Analyzed: July 12, 1996

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
91110	0709/SP-4	32	1.0	N.D.	78.8	1

Note: Hydrocarbon reported has characteristics of weathered/aged Diesel.

Sampled: July 8, 1996 Matrix: SOIL Extracted: July 10, 1996
Run#: 2118 Analyzed: July 17, 1996

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
91109	0709/SP-3	72	1.0	N.D.	78.8	1

Note: Hydrocarbon reported has characteristics of weathered/aged Diesel.

Sampled: July 8, 1996 Matrix: SOIL Extracted: July 15, 1996
Run#: 2185 Analyzed: July 18, 1996

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
91111	0709/SP-5	N.D.	1.0	N.D.	74.6	1
91112	0709/SP-6	N.D.	1.0	N.D.	74.6	1

CHROMALAB, INC.

Environmental Services (SDB)

July 22, 1996

Submission #: 9607575

Page 2

H20GEOL

Atten: Gary Lowe

Project: GENO'S COUNTRY STORE

Received: July 8, 1996

re: 12 samples for TPH - Diesel analysis, continued.

Method: EPA 3510/8015M

Sampled: July 8, 1996 Matrix: SOIL Run#: 2185 Extracted: July 15, 1996 Analyzed: July 19, 1996

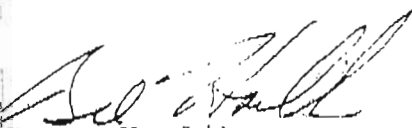
Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
91113	0709/SP-7	73	1.0	N.D.	74.6	1
Note: Hydrocarbon reported has characteristics of weathered/aged Diesel.						
91114	0709/SP-8	410	20	N.D.	74.6	20
Note: Hydrocarbon reported has characteristics of weathered/aged Diesel.						
91115	0709/SP-9	N.D.	1.0	N.D.	74.6	1
116	0709/SP-10	28	1.0	N.D.	74.6	1


Sampled: July 8, 1996 Matrix: SOIL Run#: 2218 Extracted: July 16, 1996 Analyzed: July 20, 1996

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
91117	0709/SP-11	35	1.0	1.18	80.4	1
Note: Hydrocarbon reported has characteristics of weathered/aged Diesel.						
91118	0709/SP-12	150	1.0	1.18	80.4	1

Sampled: July 8, 1996 Matrix: SOIL Run#: 2118 Extracted: July 10, 1996 Analyzed: ** **, ****

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
91108	0709/SP-2	280	5.0	N.D.	78.8	5
Note: Hydrocarbon reported has characteristics of weathered/aged Diesel.						


Bruce Havlik
Chemist


Alex Tam
Semivolatiles Supervisor

28655

H₂OCEOL A GROUNDWATER CONSULTANCY

P.O. BOX 2165
LIVERMORE, CALIFORNIA 94551-2165

CHAIN OF CUSTODY

DATE: 07/08/96 PAGE 1 of 1

Sample Source:
Geno's Country Store
1000 North Vasco Road
Livermore, California

SAMPLER(S): Gary D. Lowe

SAMPLER'S SIGNATURE: *Gary D. Lowe*

ANALYTE

SAMPLE RECEIPT:

TOTAL No. of CONTAINERS _____
CHAIN OF CUSTODY SEALS _____
REC'D GOOD CONDITION/COLD _____
CONFORMS TO RECORD _____
LAB NO. _____

Total Petroleum Hydrocarbons as Diesel
(EPA 3550/8015)

Total petroleum Hydrocarbons as Gasoline +
BTEX (EPA 5030/8015M + 8020/602)

NUMBER OF CONTAINERS

FAX RESULTS TO (510) 373-9222

SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	Total Petroleum Hydrocarbons as Diesel (EPA 3550/8015)	Total petroleum Hydrocarbons as Gasoline + BTEX (EPA 5030/8015M + 8020/602)					NUMBER OF CONTAINERS
0709/SP-1	7/8/96	07:21	SOIL		X	X					1
0709/SP-2	7/8/96	07:24	SOIL		X	X					1
0709/SP-3	7/8/96	07:37	SOIL		X	X					1
0709/SP-4	7/8/96	07:44	SOIL		X	X					1
0709/SP-5	7/8/96	07:53	SOIL		X	X					1
0709/SP-6	7/8/96	07:57	SOIL		X	X					1
0709/SP-7	7/8/96	08:00	SOIL		X	X					1
0709/SP-8	7/8/96	08:03	SOIL		X	X					1
0709/SP-9	7/8/96	07:17	SOIL		X	X					1
0709/SP-10	7/8/96	07:32	SOIL		X	X					1
0709/SP-11	7/8/96	07:40	SOIL		X	X					1
0709/SP-12	7/8/96	07:50	SOIL		X	X					1

RELINQUISHED BY:
SIGNATURE *Gary D. Lowe*
PRINTED NAME Gary D. Lowe
COMPANY H₂OCEOL
DATE 07/08/96
TIME 12:30

RELINQUISHED BY:
SIGNATURE _____
PRINTED NAME _____
COMPANY _____
Please note special pricing per Gary Cook.
10-Day TAT

RECEIVED BY:
SIGNATURE _____
PRINTED NAME _____
COMPANY H₂OCEOL
DATE _____
TIME _____

RECEIVED BY LABORATORY:
SIGNATURE *Chris Rowley*
PRINTED NAME Chris Rowley
COMPANY Chromalab, Inc.
DATE 07/08/96
TIME 12:30



Ms. Eva Chu
Hazardous Materials Specialist
Alameda County Health Care Services Agency
Department of Environmental Health
Hazardous Materials Division
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502-6577

July 20, 1998

RE: Request for Closure - Geno's Country Store, 1000 N. Vasco Road, Livermore, CA.

Dear Ms. Chu;

This letter provides information you requested for closure of the underground storage tank release case for Geno's Country Store, located at 1000 North Vasco Road in Livermore, California. You had requested that a well inventory be provided and that the disposition of the soil be documented.

Enclosed herewith is a well inventory for the area around 1000 North Vasco Road. Most downgradient wells shown on the map have been properly destroyed (abandoned). Those that are active are monitoring wells and piezometers. Also, please note that the downgradient wells at the site were reported as "N.D." with only low levels of degraded diesel showing up in the 'source location' well.

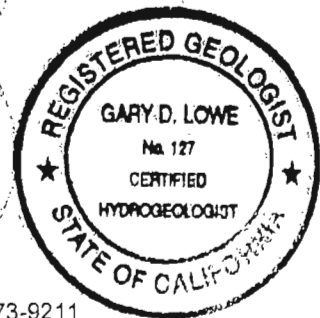
The aeration/passive bioremediation soil pile was discussed in the letter dated July 30, 1996. At that time only 2 of 12 samples contained low levels of diesel (<150 mg/Kg) and 7 of 12 samples contained weathered/aged diesel, the goal of bioremediation. Three samples were reported as N.D. (<1.0 mg/Kg). It is the owner's intention to leave this soil spread onsite as a low (<3 feet high) pile for later use as structural or landscape fill.

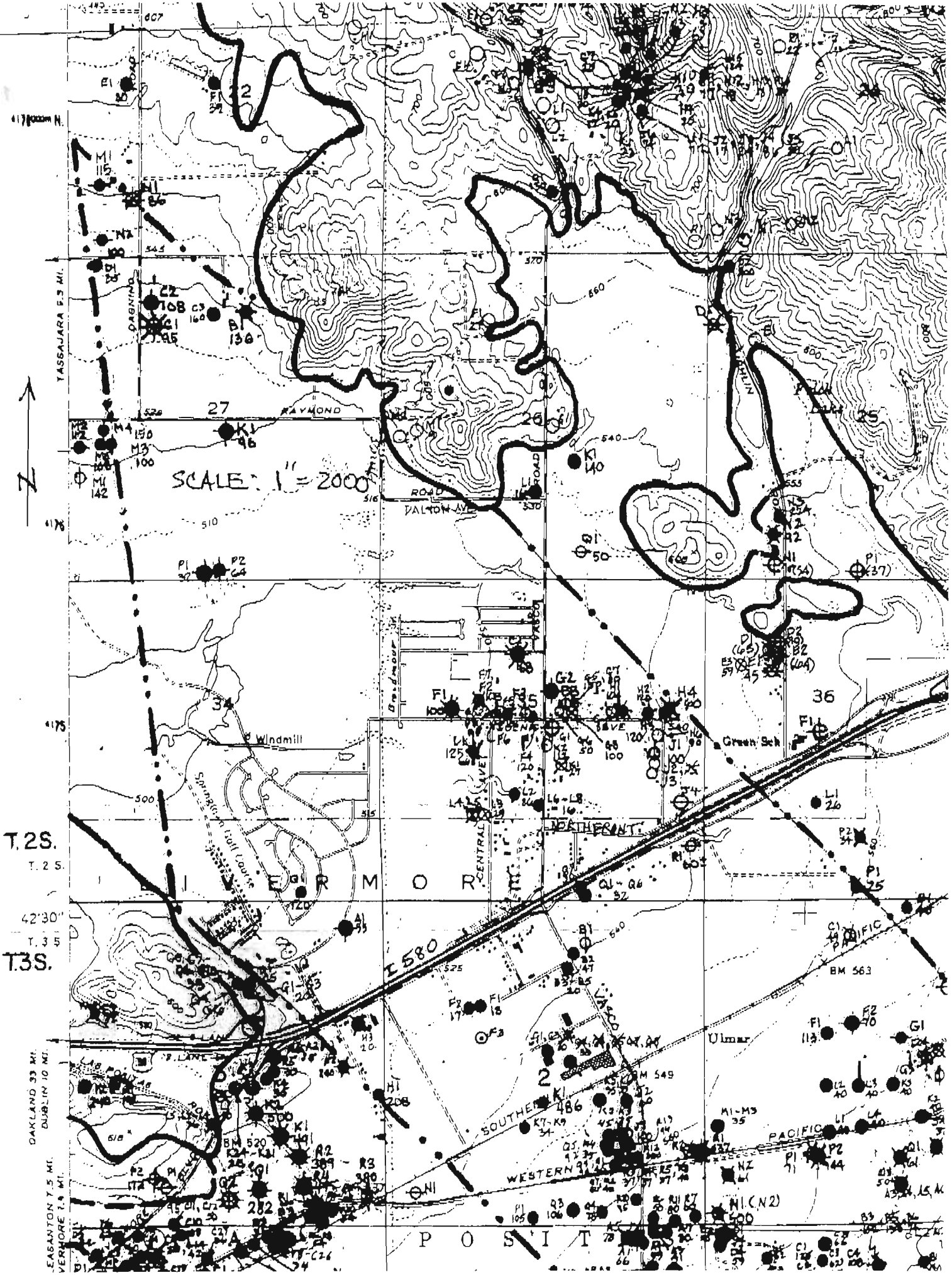
This site meets clean closure requirements as I understand them. Please provide appropriate documentation at your earliest convenience.

Please do not hesitate to call me at 925-373-9211 should you have any questions.

Sincerely,

Gary D. Lowe, R.G., C.E.G., C.HG.
Principal, Hydrogeologist
Sole Proprietor





SCALE: 1" = 2000'



T.2S.
T.25.
42°30'
T.3S.

OAKLAND 33 MI.
DUBLIN 10 MI.
SAGANTON 7.5 MI.
VERMORE 1.5 MI.

P O S I T



A GROUND WATER CONSULTANCY

Ms. Eva Chu
Hazardous Materials Specialist
Alameda County Health Care Services Agency
Department of Environmental Health
Hazardous Materials Division
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502-6577

July 20, 1998

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This site meets clean closure requirements as I understand them. Please provide appropriate documentation at your earliest convenience.

Please do not hesitate to call me at 925-373-9211 should you have any questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Gary D. Lowe".

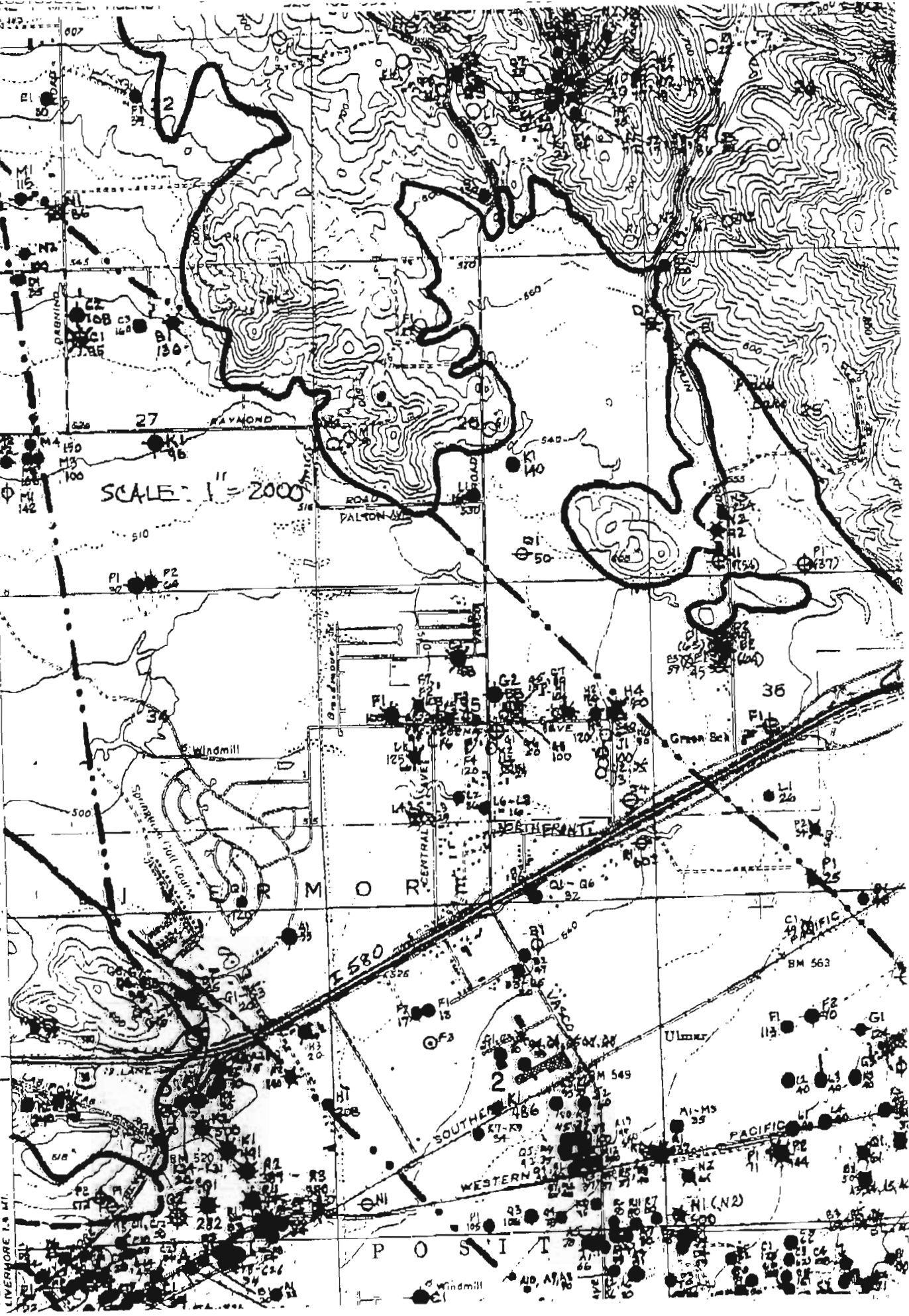
Gary D. Lowe, R.G., C.E.G., C.HG.
Principal, Hydrogeologist
Sole Proprietor



SCALE: 1" = 2000'

T. 25.
T. 2 S.
42° 30'
T. 3 S.
T. 3 S.

OAKLAND 33 MI.
DUBLIN 19 MI.
PLEASANTON 7.5 MI.
LIVERMORE 1.5 MI.



P O S I T



ENVIRONMENTAL
PROTECTION
96 JUN -5 PM 1:23

Ready to evaluate for
closure once stepped soil
has been characterized +
disposed (re used).

June 04, 1996

Ms. Eva Chu
Hazardous Materials Specialist
Alameda County Health Care Services Agency
Department of Environmental Health
Hazardous Materials Division
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502-6577

RE: Fourth consecutive quarter (2nd Quarter, 1996) groundwater monitoring at Geno's Country Store, 1000 North Vasco Road, Livermore, California.

Dear Ms. Chu;

This letter report provides the results of the fourth consecutive quarter (Second Quarter, 1996) sampling of the monitoring wells at Geno's Country Store, located at 1000 North Vasco Road in Livermore, California (Figure 1).

Depth to water in each monitoring well was measured to +/- 0.01 feet using a Solinst Model 101 water level meter on May 08, 1996. The depth to water was converted to potentiometric surface elevation by subtracting the measured depths to water from the casing top elevation. This information is presented below.

WELL AND GROUNDWATER ELEVATIONS
MAY 08, 1996

Well Number	Top of Casing Elevation (feet, msl)	Time of Depth measurement	Depth to Water (feet)	Groundwater Surface Elevation (feet, msl)
MW-1	526.50	07:41	8.48	518.02
MW-2	526.83	07:40	8.01	518.82
MW-3	526.00	07:42	7.40	518.60

The groundwater flow direction (more precisely direction of groundwater gradient, since the horizontal hydraulic conductivity anisotropy is unknown) for the triangle with a well at each apex is N 57° W at a gradient of 0.0068. Figure 2 is a potentiometric surface map showing well locations and groundwater surface contours as measured on May 08, 1996. Historic water level information follows.

Ms. Eva Chu
June 04, 1996
Page 2

MW-1	07/24/95	08:45	8.68	517.82
	11/06/95	09:00	8.75	517.75
	02/05/96	10:14	7.58	518.92
	05/08/96	07:41	8.48	518.02
MW-2	07/24/95	08:43	8.17	518.66
	11/06/95	08:56	8.35	518.48
	02/05/96	10:13	6.95	519.88
	05/08/96	07:40	8.01	518.82
MW-3	07/24/95	08:40	7.60	518.40
	11/06/95	08:58	7.96	518.04
	02/05/96	10:12	6.28	519.72
	05/08/96	07:42	7.40	518.60

GROUNDWATER FLOW DIRECTION AND GRADIENT

07/24/95 N 60° W at a gradient of 0.0065
(note typographic correction of direction from 08/16/95 report)
11/06/95 N 77° W at a gradient of 0.0072
02/05/96 N 52° W at a gradient of 0.0068
05/08/96 N 57° W at a gradient of 0.0068

AVERAGE N 60.5° W at a gradient of 0.0068

Following water level measurements the groundwater surface at each monitoring well was checked for free product, observation of sheen, and odor. No free product or sheen was found. Groundwater from monitoring well MW-1 possessed a septic odor.

The monitoring wells were purged by pumping with an "ES-60" submersible pump marketed for monitoring well purging by Enviro-Tech Services Co. of Martinez, California. Field measured water quality parameters were measured using a Cambridge Scientific Industries Hydac™ Conductivity Temperature pH Tester. Well purging activities and the field measured water quality parameters are documented in Attachment A. For each well, purging continued until specific conductance stabilized to +/- 5% on consecutive readings.

Groundwater samples for TPH-D were collected directly from the end of the pump discharge tubing at the final purging rate of about two liters per minute into a one liter amber glass bottle. Groundwater samples for TPH-G plus BTEX were collected using a pump discharge rate of less than one liter per minute in 40-mL glass vials with Teflon™ septum lids, in duplicate.

Groundwater sample bottles were labeled and placed in an ice chest with 2 Liter plastic bottles containing ice. Chain-of-Custody forms were filled out and were delivered with the ice chest to Chromalab, Inc. of Pleasanton, California, a state certified laboratory.

Groundwater samples from all three monitoring wells were found not to contain detectable concentrations of petroleum hydrocarbons. MW-1 was found to contain 220 µg/L of hydrocarbons in the diesel range that do not match the pattern of their Diesel standard. These could be organic acids or other biodegradation products or naturally occurring hydrocarbons from the soil and vegetation. The laboratory report and Chain-of-Custody documentation is contained in Attachment B. The historic groundwater sample analytical results are summarized below.

All concentrations are expressed in micrograms per liter (µg/L).

Well	TPH-D	TPH-G	Benzene	Toluene	Ethyl- benzene	Total Xylenes
MW-1						
07/24/95	910	<50	<0.5	<0.5	<0.5	<0.5
11/06/95	<50	<50	<0.5	<0.5	<0.5	<0.5
02/05/96	<50	<50	<0.5	<0.5	<0.5	<0.5
05/08/96	228 ^{NOTE}	<50	<0.5	<0.5	<0.5	<0.5
<small>(Note: Does not match the pattern of Chromalab's Diesel standard).</small>						
MW-2						
07/24/95	<50	<50	<0.5	<0.5	<0.5	<0.5
11/06/95	<50	<50	<0.5	<0.5	<0.5	<0.5
02/05/96	<50	<50	<0.5	<0.5	<0.5	<0.5
05/08/96	<50	<50	<0.5	<0.5	<0.5	<0.5
MW-3						
07/24/95	<50	60	<0.5	<0.5	<0.5	<0.5
11/06/95	<50	<50	<0.5	<0.5	<0.5	<0.5
02/05/96	<50	<50	<0.5	<0.5	<0.5	<0.5
05/08/96	<50	<50	<0.5	<0.5	<0.5	<0.5

Ms. Eva Chu
June 04, 1996
Page 4

No further sampling events at Geno's Country Store, located at 1000 North Vasco Road in Livermore, California are scheduled at this time.

Please do not hesitate to call me at (510) 373-9211 should you have any questions.

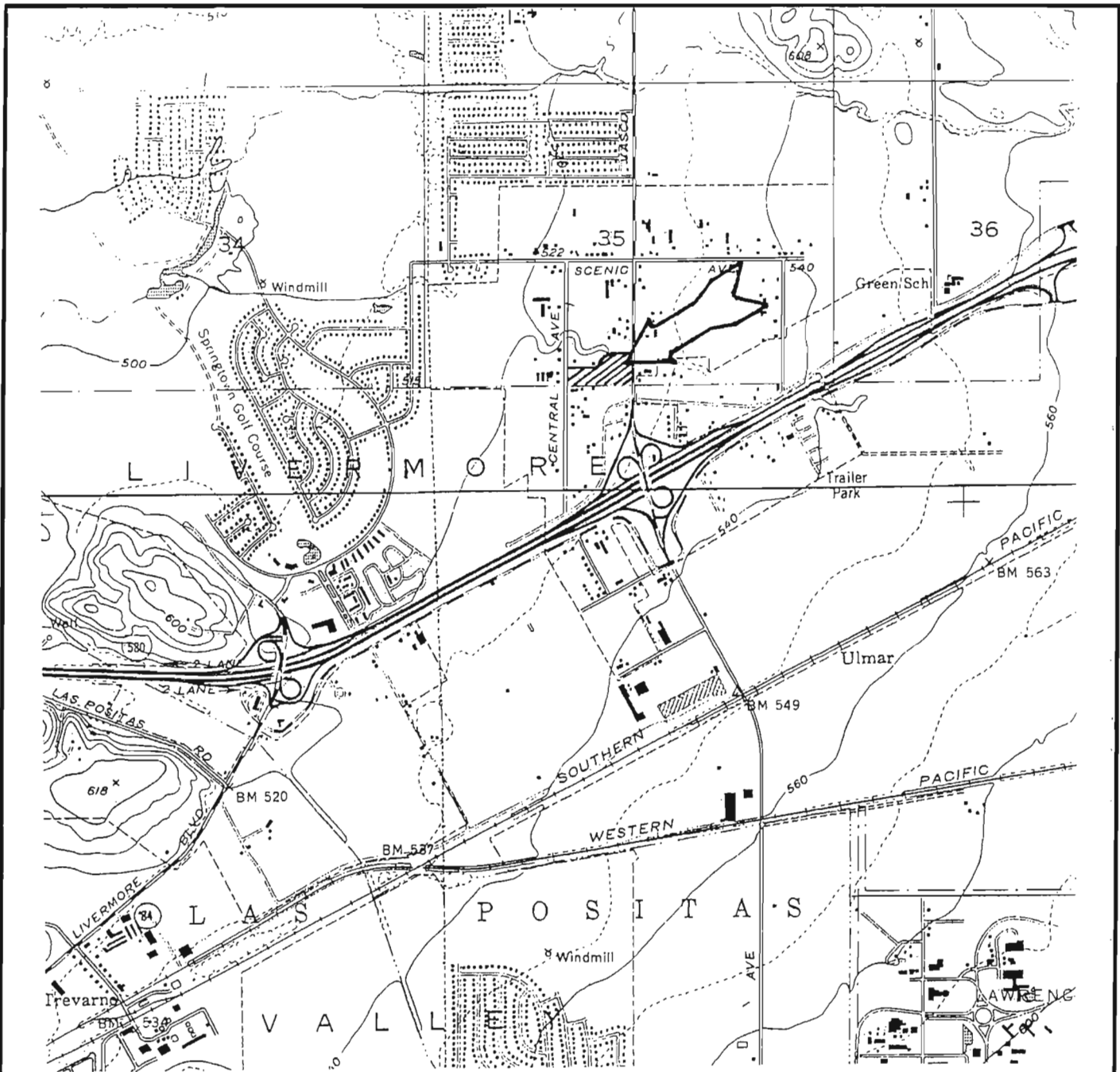
Sincerely,



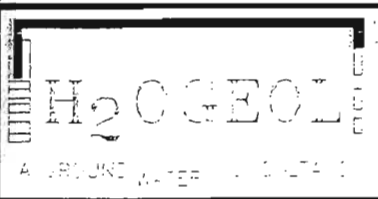
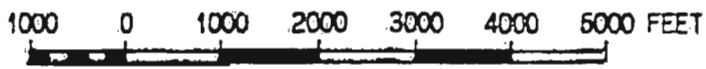
Gary D. Lowe, R.G., C.E.G., C.H.
Principal, Hydrogeologist
Sole Proprietor



xc: Mr. Geno Macedo, Geno's Country Store, 1000 North Vasco Road,
Livermore, 94550

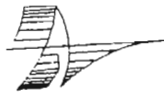


Base from U.S. Geological Survey Altamont 7.5 Minute Series Topographic Map



SITE LOCATION MAP
 GENO'S COUNTRY STORE
 1000 NORTH VASCO ROAD
 LIVERMORE, CALIFORNIA

FIGURE
 1



SCALE: 1" = 50'

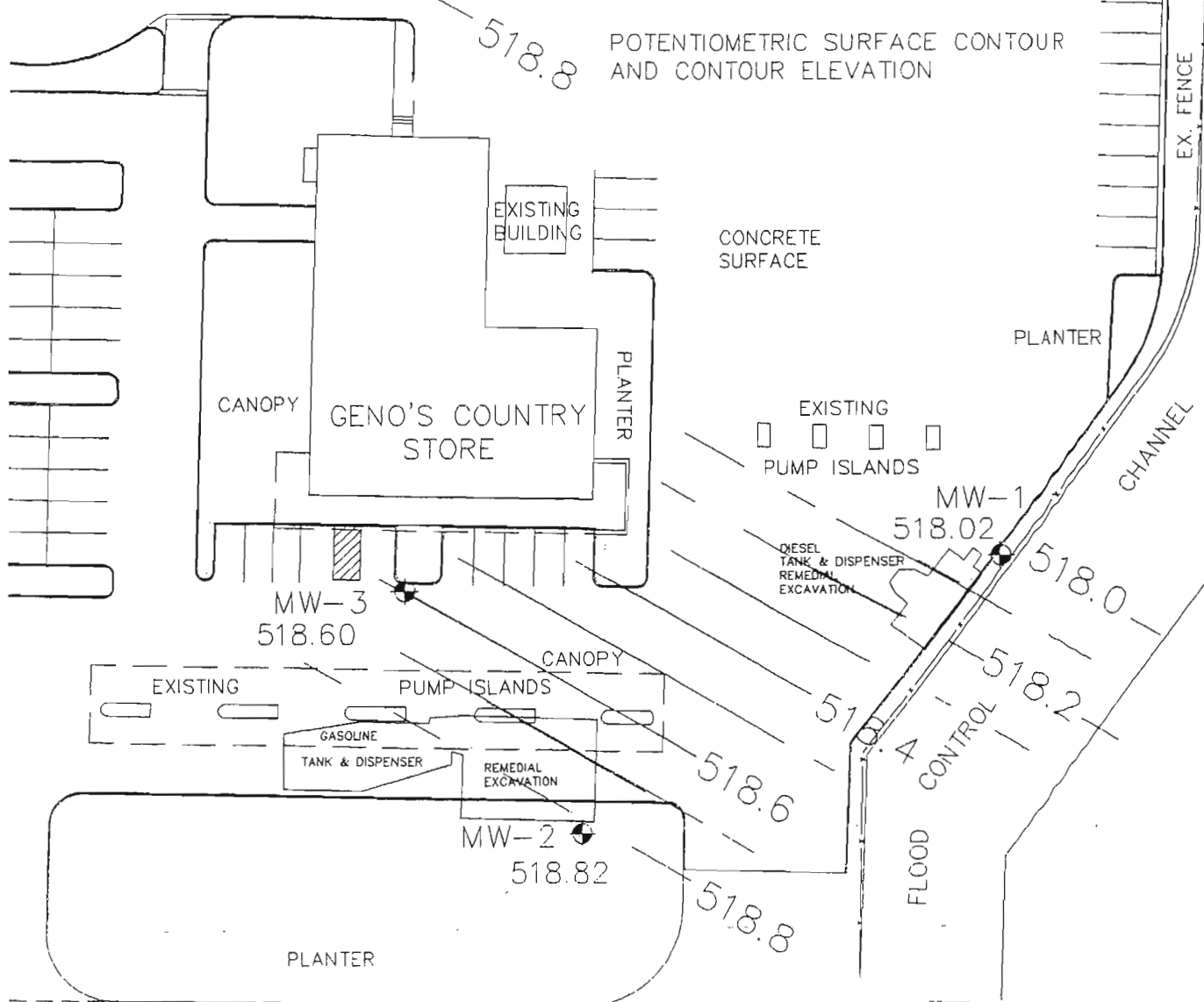
MW-1 MONITORING WELL NAME/NUMBER



MONITORING WELL LOCATION

518.02 GROUNDWATER ELEVATION AT WELL

518.8 POTENTIOMETRIC SURFACE CONTOUR AND CONTOUR ELEVATION



VASCO ROAD

POTENTIOMETRIC SURFACE MAP FOR 05/08/96



GENO'S COUNTRY STORE
1000 NORTH VASCO ROAD
LIVERMORE, CALIFORNIA

FIGURE

2



P.O.Box 2165 ■ Livermore, California 94551 ■ 510-373-9211

ATTACHMENT A

**FIELD DATA SHEET
LOG OF WELL SAMPLING ACTIVITIES**

LOG OF WELL SAMPLING ACTIVITIES

Well Identification: MW-1 Project Name: Geno's Contry Store
1000 North Vasco Road, Livermore, California Date: 05/07/96

Sampled by: G. Lowe & R. Vorst Weather Conditions: Sunny, 70°F, calm

Well Location: _____ Well Casing Diameter: 2-inch Depth of Well Casing: 15.68

Measuring Point: Top of PVC Casing Initial Depth to Water: 8.48 Final Depth to Water: Not measured

Casing Volume (1 vol./ 3 vol): 15/3.46 Well Borehole Volume: _____

Purging Method: Centrifugal Pump/Peristaltic Pump Sampling Method: Peristaltic Pump
Grundfos Submersible Pump Grundfos Submersible Pump
Centrifugal Pump/ES-60 Submersible ES-60 Pump, <1L/min. X
ES-60 Submersible Pump X Teflon Bailer

Purging Rate: See below Total Discharge: 6.5 Casing Volumes Purged: 5.65

Comments: _____

Waste Water Disposal: To property site drum.

Starting Time: 8:44

Time Pump on: 8:46

Date	Time	Gal. Purged	pH	T deg. F	Diluted S.C.	Dil. Factor	S.C. (WS/cm)	Color
05/08/96	8:52	5.5	7.43	63.5		x	= 2200	Colorless
"	8:57	5.8	7.41	63.8		x	= 2120	"
"	9:00	6.0	7.41	63.8		x	= 2140	"
"	9:04	6.5	7.38	63.8		x	= 2120	"
	:					x	=	
	:					x	=	
	:					x	=	
	:					x	=	
	:					x	=	
	:					x	=	
	:					x	=	

Sample Identification: GENO/MW-1 Sample Time: 9:05

TURBIDITY ANALYSIS

Finishing Time: _____ Time Analyzed: _____ NTU Value: _____

LOG OF WELL SAMPLING ACTIVITIES

Well Identification: MW- 2 Project Name: Geno's Contry Store Date: 05/07/96
 Project Name: 1000 North Vasco Road, Livermore, California

Sampled by: G. Lowe & R. Vorst Weather Conditions: Partly cloudy, 67°F, calm

Well Location: _____ Well Casing Diameter: 2-inch Depth of Well Casing: 19.26

Measuring Point: Top of PVC Casing Initial Depth to Water: 8.01 Final Depth to Water: Not measured

Casing Volume (1 vol./ 3 vol): 1.16 / 3.48 Well Borehole Volume: _____

Purging Method: Centrifugal Pump/Peristaltic Pump Sampling Method: Peristaltic Pump
Grundfos Submersible Pump Grundfos Submersible Pump
Centrifugal Pump/ES-60 Submersible ES-60 Pump, < 1L/min. X
ES-60 Submersible Pump X Teflon Bailor

Purging Rate: See below Total Discharge: 6.0 Casing Volumes Purged: 5.17

Comments: _____

Waste Water Disposal: To property site drum.

Starting Time: 8:18

Time Pump on: 8:21

Date	Time	Gal. Purged	pH	T deg. F	Diluted S.C.	Dil. Factor	S.C. (µS/cm)	Color
05/07/96	8:26	4.2	7.32	62.4		x	= 3340	Colorless
"	8:29	5.1	7.34	62.6		x	= 3280	"
"	8:31	5.5	7.28	63.1		x	= 3290	"
"	8:34	5.8	7.32	63.2		x	= 3320	"
"	8:36	6.0	7.30	63.3		x	= 3330	"
	:					x	=	
	:					x	=	
	:					x	=	
	:					x	=	
	:					x	=	
	:					x	=	

Sample Identification: GENO/MW- 2 Sample Time: 8:39

TURBIDITY ANALYSIS

Finishing Time: 8:44 Time Analyzed: _____ NTU Value: _____

LOG OF WELL SAMPLING ACTIVITIES

Well Identification: MW- 3 Project Name: Geno's Conutry Store Date: 05/08/96
 Project Name: 1000 North Vasco Road, Livermore, California

Sampled by: G. Lowe & R. Vorst Weather Conditions: _____

Well Location: _____ Well Casing Diameter: 2-inch Depth of Well Casing: 15.05

Measuring Point: Top of PVC Casing Initial Depth to Water: 7.40 Final Depth to Water: Not measured

Casing Volume (1 vol./ 3 vol): 1.22 / 3.67 Well Borehole Volume: _____

Purging Method: Centrifugal Pump/Peristaltic Pump Sampling Method: Peristaltic Pump
Grundfos Submersible Pump Grundfos Submersible Pump
Centrifugal Pump/ES-60 Submersible ES-60 Pump, <1L/min. X
ES-60 Submersible Pump X Teflon Bailer

Purging Rate: See below Total Discharge: 6.0 Casing Volumes Purged: 4.92

Comments: _____

Waste Water Disposal: To property site drum.

Starting Time: 7:45

Time Pump on: 7:56

Date	Time	Gal. Purged	pH	T deg. F	Diluted S.C.	Dil. Factor	S.C. (uS/cm)	Color
05/08/96	8:00	4.1	6.44	62.1		x	2980	11 yellow
"	8:02	5.0	6.41	64.3		x	3080	" "
"	8:03	5.3	6.40	64.1		x	3080	" "
"	8:05	5.7	6.63	63.7		x	3020	" "
"	8:07	5.9	6.66	63.9		x	3010	" "
"	8:09	6.0	6.52	63.7		x	3050	" "
	:					x		
	:					x		
	:					x		
	:					x		
	:					x		

Sample Identification: GENO/MW- 3 Sample Time: 8:10

TURBIDITY ANALYSIS

Finishing Time: 8:18 Time Analyzed: _____ NTU Value: _____



P.O.Box 2165 ■ Livermore, California 94551 ■ 510-373-9211

ATTACHMENT B

LABORATORY ANALYTICAL RESULTS
AND CHAIN-OF-CUSTODY DOCUMENTATION

CHROMALAB, INC.

Environmental Services (SDB)

May 22, 1996

Submission #: 9605571

H20GEOL

Atten: Gary Lowe

Project: GENO'S COUNTRY STORE
Received: May 8, 1996

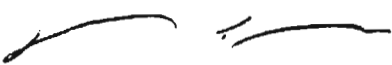
re: 3 samples for TPH - Diesel analysis.
Method: EPA 3510/8015M

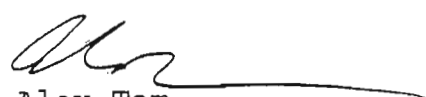
Sampled: May 8, 1996 Matrix: WATER Extracted: May 13, 1996
Run#: 1366 Analyzed: May 15, 1996

Spl#	CLIENT SPL ID	DIESEL (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
84286	GENO/MW-1	220	50	N.D.	87.5	1
<i>Note: Hydrocarbon reported does not match the pattern of our Diesel standard.</i>						
84290	GENO/MW-3	N.D.	50	N.D.	87.5	1

Sampled: May 8, 1996 Matrix: WATER Extracted: May 13, 1996
Run#: 1366 Analyzed: May 16, 1996

Spl#	CLIENT SPL ID	DIESEL (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
84288	GENO/MW-2	N.D.	50	N.D.	87.5	1


Dennis Mayugba
Chemist


Alex Tam
Semivolatiles Supervisor

571/84286-84290

27701

H ₂ OGEOL A GROUNDWATER CONSULTANCY					CHAIN OF CUSTODY						
P.O. BOX 2165 LIVERMORE, CALIFORNIA 94551-2165					DATE: 05/08/96 PAGE 1 of 1 Sample Source: Geno's Country Store 1000 North Vasco Road Livermore, California						
SAMPLER(S): Gary D. Lowe & Richard Vorst											
SAMPLER'S SIGNATURE: <i>[Signature]</i>					ANALYTE						
SAMPLE RECEIPT: TOTAL No. of CONTAINERS <u> 9 </u> CHAIN OF CUSTODY SEALS <u> NO </u> REC'D GOOD CONDITION/COLD <u> Y </u> CONFORMS TO RECORD <u> Y </u> LAB NO. _____ SUBM #: 9605571 REF: GC CLIENT: H2OGEOL DUE: 05/22/96 REF #: 27701					Total Petroleum Hydrocarbons as Diesel (EPA 3550/8015)	Total petroleum Hydrocarbons as Gasoline + BTEX (EPA 5030/8015M + 8020/502)					NUMBER OF CONTAINERS
FAX RESULTS TO (610) 373-9222											
SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.							
<i>Cook</i> MW-1	5/8/96	09:05	WATER		X	X				3	
<i>Cook</i> MW-2	5/8/96	08:39	WATER		X	X				3	
<i>Cook</i> MW-3	5/8/96	08:10	WATER		X	X				3	
Please note special pricing per Gary Cook. .10-Day TAT.											
RELINQUISHED BY:					RELINQUISHED BY:						
SIGNATURE <i>[Signature]</i>					SIGNATURE <i>[Signature]</i>						
PRINTED NAME Gary D. Lowe					PRINTED NAME _____						
COMPANY H ₂ OGEOL					COMPANY H ₂ OGEOL						
RECEIVED BY:					RECEIVED BY LABORATORY::						
SIGNATURE _____					SIGNATURE <i>Mimie Pak</i>						
PRINTED NAME _____					PRINTED NAME <i>Mimie Pak</i>						
COMPANY H ₂ OGEOL					COMPANY Chromalab, Inc.						



GROUP 12 PW1738

Ms. Eva Chu
Hazardous Materials Specialist
Alameda County Health Care Services Agency
Department of Environmental Health
Hazardous Materials Division
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502-6577

March 08, 1996

Quantity in msl.
About ready for closure

RE: Third consecutive quarter (1st Quarter, 1996) groundwater monitoring at Geno's Country Store, 1000 North Vasco Road, Livermore, California.

Dear Ms. Chu;

This letter report provides the results of the third consecutive quarter (First Quarter, 1996) sampling of the monitoring wells at Geno's Country Store, located at 1000 North Vasco Road in Livermore, California (Figure 1).

Depth to water in each monitoring well was measured to +/- 0.01 feet using a Solinst Model 101 water level meter on February 05, 1996. The depth to water was converted to potentiometric surface elevation by subtracting the measured depths to water from the casing top elevation. This information is presented below.

WELL AND GROUNDWATER ELEVATIONS
FEBRUARY 05, 1996

Well Number	Top of Casing Elevation (feet, msl)	Time of Depth measurement	Depth to Water (feet)	Groundwater Surface Elevation (feet, msl)
MW-1	526.50	10:14	7.58	518.92
MW-2	526.83	10:13	6.95	519.88
MW-3	526.00	10:12	6.28	519.72

The groundwater flow direction (more precisely direction of groundwater gradient, since the horizontal hydraulic conductivity anisotropy is unknown) for the triangle with a well at each apex is N 52° W at a gradient of 0.0068. Figure 2 is a potentiometric surface map showing well locations and groundwater surface contours as measured on February 05, 1996. Historic water level information follows.

Ms. Eva Chu
March 08, 1996
Page 2

MW-1	07/24/95	08:45	8.68	517.82
	11/06/95	09:00	8.75	517.75
	02/05/96	10:14	7.58	518.92
MW-2	07/24/95	08:43	8.17	518.66
	11/06/95	08:56	8.35	518.48
	02/05/96	10:13	6.95	519.88
MW-3	07/24/95	08:40	7.60	518.40
	11/06/95	08:58	7.96	518.04
	02/05/96	10:12	6.28	519.72

GROUNDWATER FLOW DIRECTION AND GRADIENT

07/24/95 N 60° W at a gradient of 0.0065
(note typographic correction of direction from 08/16/95 report)
11/06/95 N 77° W at a gradient of 0.0072
02/05/96 N 52° W at a gradient of 0.0068

AVERAGE N 61.5° W at a gradient of 0.0068

Following water level measurements the groundwater surface at each monitoring well was checked for free product, observation of sheen, and odor. No free product or sheen was found. Groundwater from monitoring well MW-1 possessed a septic odor.

The monitoring wells were purged by pumping with an "ES-60" submersible pump marketed for monitoring well purging by Enviro-Tech Services Co. of Martinez, California. Field measured water quality parameters were measured using a Cambridge Scientific Industries Hydac™ Conductivity Temperature pH Tester. Well purging activities and the field measured water quality parameters are documented in Attachment A. For each well, purging continued until specific conductance stabilized to +/- 5% on consecutive readings.

Groundwater samples for TPH-D were collected directly from the end of the pump discharge tubing at the final purging rate of about two liters per minute into a one liter amber glass bottle. Groundwater samples for TPH-G plus BTEX were collected using a pump discharge rate of less than one liter per minute in 40-mL glass vials with Teflon™ septum lids, in duplicate.

Ms. Eva Chu
 March 08, 1996
 Page 3

Groundwater sample bottles were labeled and placed in an ice chest with 2 Liter plastic bottles containing ice. Chain-of-Custody forms were filled out and were delivered with the ice chest to Chromalab, Inc. of Pleasanton, California, a state certified laboratory.

Groundwater samples from all three monitoring wells were found not to contain detectable concentrations of petroleum hydrocarbons. MW-1 was found to contain 280 µg/L of hydrocarbons in the diesel range that do not match any of the laboratory's petroleum hydrocarbon standard profiles. These could be organic acids or other biodegradation products or naturally occurring hydrocarbons from the soil and vegetation. The laboratory report and Chain-of-Custody documentation is contained in Attachment B. The historic groundwater sample analytical results are summarized below.

All concentrations are expressed in micrograms per liter (µg/L).

Well	TPH-D	TPH-G	Benzene	Toluene	Ethyl- benzene	Total Xylenes
MW-1						
07/24/95	910	<50	<0.5	<0.5	<0.5	<0.5
11/06/95	<50	<50	<0.5	<0.5	<0.5	<0.5
02/05/96	<50	<50	<0.5	<0.5	<0.5	<0.5
MW-2						
07/24/95	<50	<50	<0.5	<0.5	<0.5	<0.5
11/06/95	<50	<50	<0.5	<0.5	<0.5	<0.5
02/05/96	<50	<50	<0.5	<0.5	<0.5	<0.5
MW-3						
07/24/95	<50	60	<0.5	<0.5	<0.5	<0.5
11/06/95	<50	<50	<0.5	<0.5	<0.5	<0.5
02/05/96	<50	<50	<0.5	<0.5	<0.5	<0.5

(Note typographic correction of 07/24/95 "ND" values for TPH-G concentrations for MW-1 & -2 from 08/16/95 report).

California*Primary MCL's

na	na	1	na	680	1,750
----	----	---	----	-----	-------

US E.P.A.*Primary MCL's

na	na	5	1,000	700	10,000
----	----	---	-------	-----	--------

na - not available

Marshack, Jon B., D. Env. 1991, A Compilation of Water Quality Goals, Central Valley Regional Water Quality Control Board.

Ms. Eva Chu
March 08, 1996
Page 4

The fourth consecutive quarter (Second Quarter, 1996) sampling event at Geno's Country Store, located at 1000 North Vasco Road in Livermore, California is scheduled for the week of May 05, 1996.

Please do not hesitate to call me at (510) 373-9211 should you have any questions.

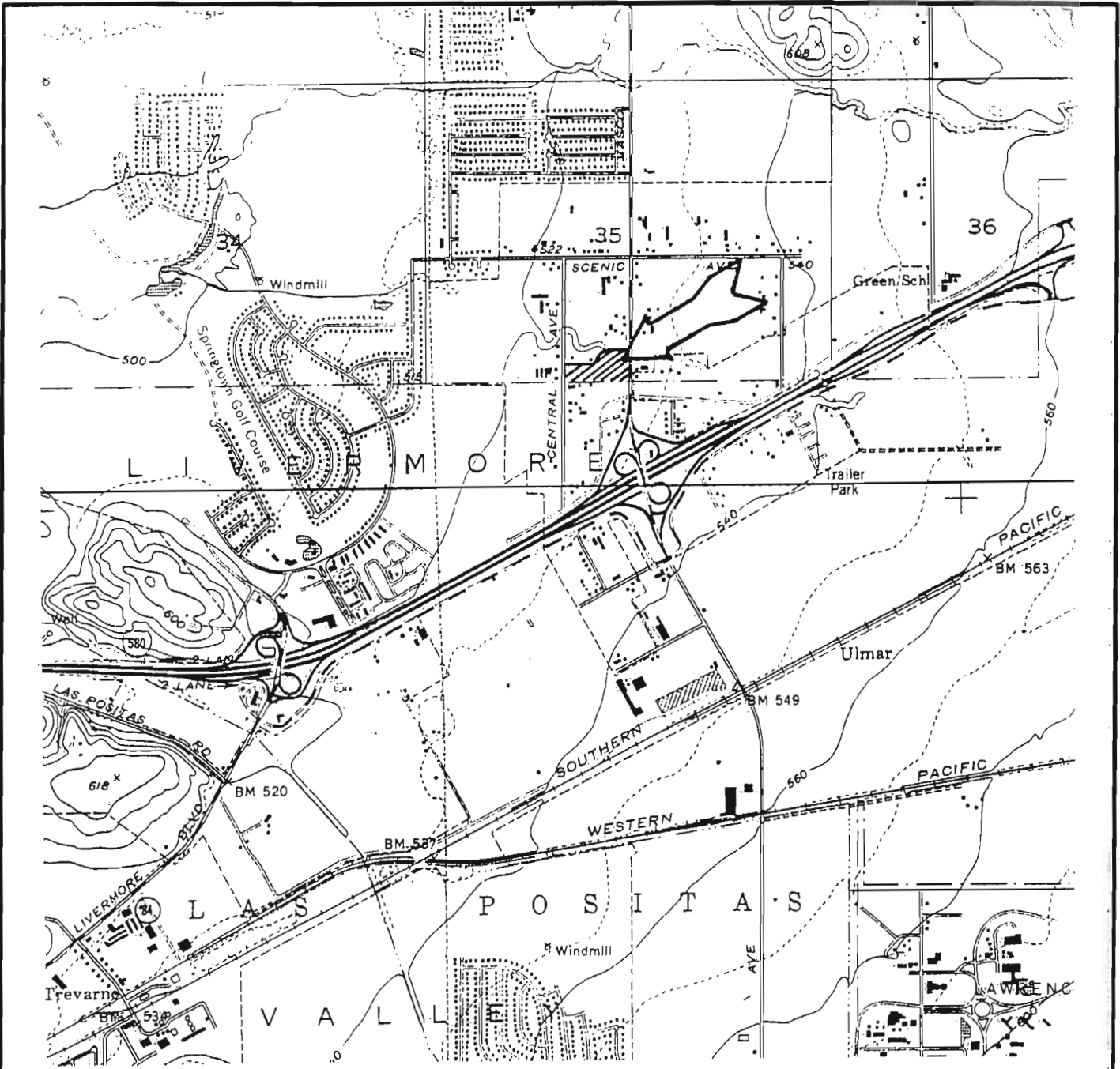
Sincerely,



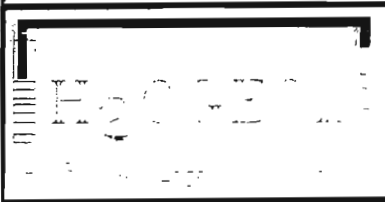
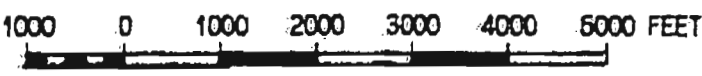
Gary D. Lowe, R.G., C.E.G., C.H.
Principal, Hydrogeologist
Sole Proprietor



xc: Mr. Geno Macedo, Geno's Country Store, 1000 North Vasco Road,
Livermore, 94550

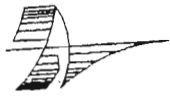


Base from U.S. Geological Survey Altamont 7.5 Minute Series Topographic Map



SITE LOCATION MAP
 GENO'S COUNTRY STORE
 1000 NORTH VASCO ROAD
 LIVERMORE, CALIFORNIA

FIGURE
 1



SCALE: 1" = 50'

MW-1 MONITORING WELL NAME/NUMBER



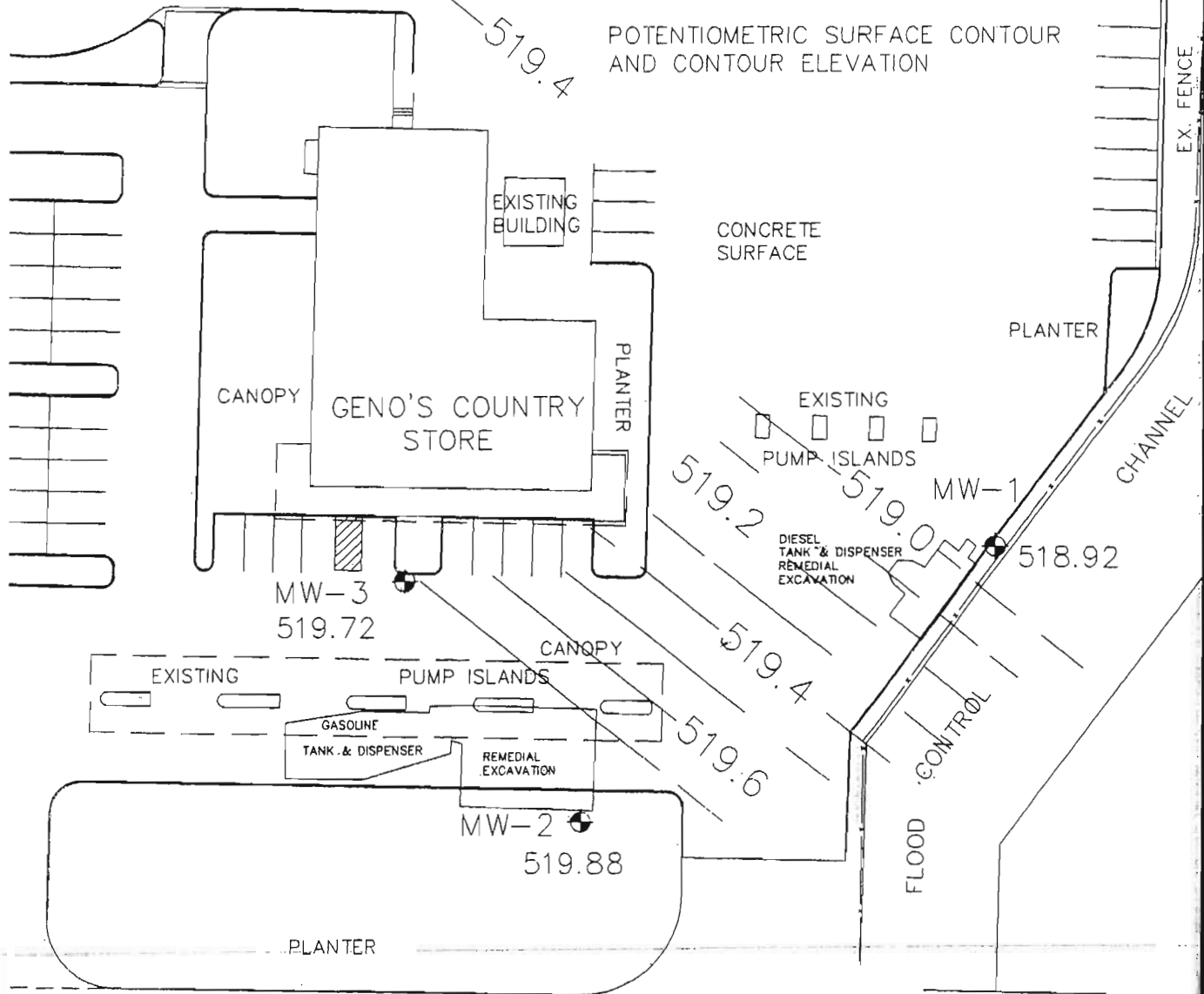
MONITORING WELL LOCATION

519.88 GROUNDWATER ELEVATION AT WELL

POTENTIOMETRIC SURFACE CONTOUR AND CONTOUR ELEVATION

519.4

EX. FENCE



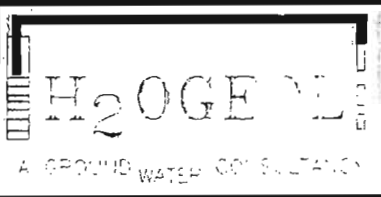
VASCO ROAD

POTENTIOMETRIC SURFACE MAP FOR 02/05/96

GENO'S COUNTRY STORE
1000 NORTH VASCO ROAD
LIVERMORE, CALIFORNIA

FIGURE

2





P.O.Box 2165 ▪ Livermore, California 94551 ▪ 510-373-9211

ATTACHMENT A

FIELD DATA SHEET
LOG OF WELL SAMPLING ACTIVITIES

LOG OF WELL SAMPLING ACTIVITIES

Well Identification: MW- 1 Project Name: Geno's Deli & Shell
1000 North Vasco Road, Livermore, California Date: 02/05/96

Sampled by: G. Lowe Weather Conditions: Clear, 65°F, calm

Well Location: planter along creek Well Casing Diameter: 2-inch Depth of Well Casing: 15.68

Measuring Point: Top of PVC Casing Initial Depth to Water: 7.58 Final Depth to Water: Not measured

Casing Volume (1 vol./ 3 vol): 1.7 / 3.9 Well Borehole Volume: _____

Purging Method: Centrifugal Pump/Peristaltic Pump
Grundfos Submersible Pump
Centrifugal Pump/ES-60 Submersible
ES-60 Submersible Pump X

Sampling Method: Peristaltic Pump
Grundfos Submersible Pump
ES-60 Submersible Pump ✓
Teflon Bailer

Purging Rate: See below Total Discharge: 6.2 Casing Volumes Purged: 4.7

Comments: _____

Waste Water Disposal: To property site drum.

Starting Time: 11:15

Time Pump on: 11:18

Date	Time	Gal. Purged	pH	T deg. F	Diluted S.C.	Dil. Factor	S.C. (µS/cm)	Color
02/05/96	11:21	4.5	7.86	67.8		x	= 2,140	Lt. yellow
"	11:23	5.0	7.79	68.1		x	= 2,150	" "
"	11:25	5.5	7.74	68.2		x	= 2,130	" "
"	11:27	5.7	7.72	68.0		x	= 2,170	" "
"	11:29	6.0	7.74	68.1		x	= 2,140	" "
"	11:30	6.2	7.71	68.2		x	= 2,160	" "
	:					x	=	
	:					x	=	
	:					x	=	
	:					x	=	
	:					x	=	

Sample Identification: GENO/MW- 1 Sample Time: 11:32

TURBIDITY ANALYSIS

Finishing Time: 11:54 Time Analyzed: _____ NTU Value: _____

LOG OF WELL SAMPLING ACTIVITIES

Well Identification: MW-2 Project Name: Geno's Deli & Shell
1000 North Vasco Road, Livermore, California Date: 02/05/96

Sampled by: G. Lowe Weather Conditions: clear, 65°F, calm

Well Location: East planter Well Casing Diameter: 2-inch Depth of Well Casing: 15.26

Measuring Point: Top of PVC Casing Initial Depth to Water: 6.95 Final Depth to Water: Not measured

Casing Volume (1 vol./ 3 vol): 1.3 / 3.9 Well Borehole Volume: _____

Purging Method: Centrifugal Pump/Peristaltic Pump Sampling Method: Peristaltic Pump
Grundfos Submersible Pump Grundfos Submersible Pump
Centrifugal Pump/ES-60 Submersible ES-60 Submersible Pump
ES-60 Submersible Pump X Teflon Bailor

Purging Rate: See below Total Discharge: 6.1 Casing Volumes Purged: 4.7

Comments: _____

Waste Water Disposal: To property site drum.

Starting Time: 10:52

Time Pump on: 10:54

Date	Time	Gal. Purged	pH	T deg. F	Diluted S.C.	Dil. Factor	S.C. (µS/cm)	Color
02/05/96	11:00	4.9	7.74	66.0		x	= 2,210	26. yellow
"	11:04	5.2	7.65	67.1		x	= 2,340	" "
"	11:05	5.5	7.64	66.9		x	= 2,310	" "
"	11:06	5.8	7.65	67.0		x	= 2,340	" "
"	11:08	6.1	7.61	66.8		x	= 2,350	" "
	:					x	=	
	:					x	=	
	:					x	=	
	:					x	=	
	:					x	=	
	:					x	=	

Sample Identification: GENO/MW-2 Sample Time: 11:10

TURBIDITY ANALYSIS

Finishing Time: 11:15 Time Analyzed: _____ NTU Value: _____

LOG OF WELL SAMPLING ACTIVITIES

Well Identification: MW- 3 Project Name: Geno's Deli & Shell
1000 North Vasco Road, Livermore, California Date: 02/05/96

Sampled by: G. Lowe Weather Conditions: Clear, 63°F, calm

Well Location: Front of store Well Casing Diameter: 2-inch Depth of Well Casing: 15.05

Measuring Point: Top of PVC Casing Initial Depth to Water: 6.28 Final Depth to Water: Not measured

Casing Volume (1 vol./3 vol): 1.4 / 4.2 Well Borehole Volume: _____

Purging Method: Centrifugal Pump/Peristaltic Pump
Grundfos Submersible Pump
Centrifugal Pump/ES-60 Submersible
ES-60 Submersible Pump X

Sampling Method: Peristaltic Pump
Grundfos Submersible Pump
ES-60 Submersible Pump
Teflon Bailer

Purging Rate: See below Total Discharge: 6.0 Casing Volumes Purged: 5.5

Comments: _____

Waste Water Disposal: To property site drum.

Starting Time: 10:19

Time Pump on: 10:23

Date	Time	Gal. Purged	pH	T deg. F	Diluted S.C.	Dil. Factor	S.C. (uS/cm)	Color
02/05/96	10:28	4.3	7.12	66.0		x	= 2320	16, yellow
"	10:36	5.2	6.68	68.0		x	= 2490	" "
"	10:38	5.5	6.87	67.9		x	= 2500	" "
"	10:40	5.7	7.00	67.8		x	= 2500	" "
"	10:42	5.9	6.95	68.0		x	= 2490	" "
"	10:43	6.0	7.03	67.9		x	= 2500	" "
	:					x	=	
	:					x	=	
	:					x	=	
	:					x	=	
	:					x	=	

Sample Identification: GENO/MW-3 Sample Time: 10:44

TURBIDITY ANALYSIS

Finishing Time: 10:52 Time Analyzed: _____ NTU Value: _____



P.O. Box 2165 • Livermore, California 94551 • 510-373-9211

ATTACHMENT B

LABORATORY ANALYTICAL RESULTS
AND CHAIN-OF-CUSTODY DOCUMENTATION

CHROMALAB, INC.

Environmental Services (SDB)

February 20, 1996

Submission #: 9602034

H2O GEOL

REVISED REPORT FROM 2/08/96


Atten: Gary Lowe


Project: GENO'S COUNTRY STORE
Received: February 6, 1996

re: 3 samples for Diesel analysis.
Method: EPA 3510/8015M

Sampled: February 5, 1996 Matrix: WATER Extracted: February 8, 1996
Run: 10337-K Analyzed: February 12, 1996

Spl #	Sample ID	DIESEL (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
117546	MW-1	N.D.	50	N.D.	81
	For above sample:	Hydrocarbons in the Diesel range do not match any of our petroleum hydrocarbon standard profiles. Compared to our Diesel standard, amount is 280 ug/L.			
117547	MW-2	N.D.	50	N.D.	81
117548	MW-3	N.D.	50	N.D.	81


Kayvan Kimyai
Chemist


Alex Tam
Semivolatiles Supervisor

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

REMEDIAL ACTION COMPLETION CERTIFICATION

**StID 4139 - 1000 North Vasco Road, Livermore, CA
(3-10K gallon gasoline and 1-10K gallon diesel USTs removed on 10/6/94))**

May 22, 2000

Mr. Geno Macedo
Geno's Deli
1000 N. Vasco Road
Livermore, CA 94550

Dear Mr. Macedo:

This letter confirms the completion of site investigation and corrective for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code. Please contact our office if you have any questions regarding this matter.

Sincerely,

Mee Ling Tung, Director

cc: Ariu Levi, Chief of Division of Environmental Protection
Chuck Headlee, RWQCB
Allen Patton, SWRCB
Danielle Stefani, Livermore-Pleasanton FD
✓files-ec (geno's-6)

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

StID 4139

May 23, 2000

Mr. Geno Macedo
Geno's Deli
1000 N. Vasco Road
Livermore, CA 94550

Re: Fuel Leak Site Case Closure for 1000 N. Vasco Road, Livermore, CA

Dear Mr. Macedo:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Protection Division is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- up to 160ppm TPH as gasoline and diesel, and 0.34ppm benzene exists in soil beneath the site;
- up to 228ppb TPHd exists in groundwater beneath the site; and,
- structural integrity of sanitary seals and well heads must be maintained.

If you have any questions, please contact me at (510) 567-6762.

eva chu
Hazardous Materials Specialist

enclosures: 1. Case Closure Letter 2. Case Closure Summary

c: Dave Clemens, City of Livermore, Planning Div., 1052 S. Livermore Ave., Livermore,
CA 94550

✓ files (geno's-7)

Rb # 01-2030

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: August 12, 1998

Agency name: **Alameda County-HazMat**
City/State/Zip: **Alameda, CA 94502**
Responsible staff person: **Eva Chu**

Address: **1131 Harbor Bay Pkwy**
Phone: **(510) 567-6700**
Title: **Hazardous Materials Spec.**

II. CASE INFORMATION

Site facility name: **Geno's Deli**
Site facility address: **1000 N. Vasco Road, Livermore, CA 94550**
RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **4139**
URF filing date: **7/26/96** SWEEPS No: **N/A**

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
1. Geno Macedo Geno's Deli	1000 N. Vasco Rd Livermore, CA 94550	510/449-3838

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	10,000	Gasoline	Removed	10/6/94
2	10,000	"	"	"
3	10,000	"	"	"
4	10,000	Diesel	Removed	10/6/94

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: **Leaking product piping**
Site characterization complete? **YES**
Date approved by oversight agency: **6/25/96**
Monitoring Wells installed? **Yes** Number: **3**
Proper screened interval? **Yes, 5 to 15' bgs**
Highest GW depth below ground surface: **7.58** Lowest depth: **8.75' in MW-1**
Flow direction: **Northwest**
Most sensitive current use: **Altamont Creek**
Are drinking water wells affected? **No** Aquifer name: **Spring Subbasin**
Is surface water affected? **No** Nearest affected SW name: **NA**
Off-site beneficial use impacts (addresses/locations): **None**
Report(s) on file? **YES** Where is report(s) filed? **Alameda County**
1131 Harbor Bay Pkwy
Alameda, CA 94502



Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount</u> <u>(include units)</u>	<u>Action (Treatment</u> <u>or Disposal w/destination)</u>	<u>Date</u>
Tank	4 USTs	H & H, in San Francisco	10/6/94
Soil	600 cy	Bioremediated and will be re-used onsite after Aug 1998	

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

<u>Contaminant</u>	<u>Soil (ppm)</u>		<u>Water (ppb)</u>	
	<u>Before¹</u>	<u>After²</u>	<u>Before³</u>	<u>After</u>
TPH (Gas)	2,500	160	4,400	ND
TPH (Diesel)	1,400 ⁴	160	64,000	228 ⁵
Benzene	9.5	0.34	91	ND
Toluene	130	0.10	65	ND
Ethylbenzene	86	1.2	4.2	ND
Xylenes	680	17	120	ND
MTBE	NA	NA	NA	NA ⁶
Heavy metals Lead	14		ND	

- NOTE:
- 1 soil sample S-4-FD1 from below fuel dispensers
 - 2 soil sample from dispenser pit after overexcavation; diesel result from diesel pit
 - 3 "grab" groundwater collected from diesel and gasoline pits at time of UST removal
 - 4 soil sample from diesel pit at time of UST removal
 - 5 this sample was collected in 8/96 and did not match the pattern of Chromalab's diesel standard. Groundwater did not contain TPHd in 11/95 or 2/96.
 - 6 since water samples did not contain BTEX constituents, it is assumed there is no MTBE

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? **Undetermined**

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? **Undetermined**

Does corrective action protect public health for current land use? **YES**

Site management requirements: **None**

Should corrective action be reviewed if land use changes? **YES**

Monitoring wells Decommissioned: **None, the wells will be retained for future monitoring, if needed, since the site currently has permitted USTs**


Number Decommissioned: **0** Number Retained: **3**

List enforcement actions taken: **None**

List enforcement actions rescinded: **NA**

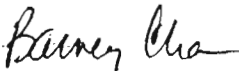
LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu Title: Haz Mat Specialist

Signature:  Date: 8/18/98

Reviewed by

Name: Barney Chan Title: Haz Mat Specialist

Signature:  Date: 8/17/98

Name: Thomas Peacock Title: Supervisor

Signature:  Date: 8-18-98

VI. RWQCB NOTIFICATION

Date Submitted to RB: 8/15/98 RB Response: 9/2/98

RWQCB Staff Name: Chuck Headlee Title: EG

Signature:  Date: 9/2/98

VII. ADDITIONAL COMMENTS, DATA, ETC.

The site is currently an active service station and food facility. On October 6, 1994 three 10K gasoline USTs in a common pit and a 10K diesel UST in a separate pit were removed. Groundwater was observed in the pits at ~7' to 9' bgs. Sidewall soil appeared stained mainly at the southwest corner of the gasoline pit and on all four sidewalls of the diesel pit.

Soil samples collected (samples a through h) from the sidewalls of the gasoline pit contained low levels of TPHg and BTEX. Elevated hydrocarbon concentrations were detected in soil from the product piping and fuel dispenser areas (samples i, o, p, and q). Soil collected from the diesel pit (samples j through n) contained moderate levels of TPHg, TPHd, and BTEX. "Grab" groundwater from both pits contained elevated levels of TPHg, TPHd, and BTEX. (See Figs 1 and 2, and Tables 1 and 2)

The gasoline dispenser island area was overexcavated to a depth of 7.5' bgs. And the diesel pit was only overexcavated along the southern sidewall where the former dispenser was located. Confirmatory soil samples (samples r through w from the gasoline pit and sample x from the diesel pit) contained low levels of TPHg, BTEX and no TPHd. (See Fig 3, Table 3)

Overexcavation of diesel-impacted soil was limited because of the proximity of the tank pit to the flood control channel. Instead, prior to backfilling the diesel pit, five gallons of a bio-enzyme product and five gallons of bionutrient formula were added to the groundwater in order to enhance bacterial biodegradation of hydrocarbons in groundwater. In addition, two 2" diameter slotted PVC lines were

placed at the base of the excavation and extended to the surface with blank casing so that compressed air could be delivered to the subsurface for subsequent active remediation, if deemed necessary. Pea gravel was used to backfill the pit up to the groundwater elevation line. The pea gravel layer was covered with an impermeable fabric and the remaining excavation was backfilled with clean overburden soil to grade. The gasoline pit was similarly backfilled, except without the enzyme-nutrient product and piping.

Three groundwater monitoring wells (MW-1 through MW-3) were installed in July 1995 to determine groundwater flow direction and if the fuel release at the site had impacted groundwater quality. (See Fig 4). Soil from boring MW-1, collected at the capillary fringe contained low levels of TPHd and xylenes. The other two borings (MW-2 and MW-3) did not identify petroleum hydrocarbons in soil from the capillary fringe.

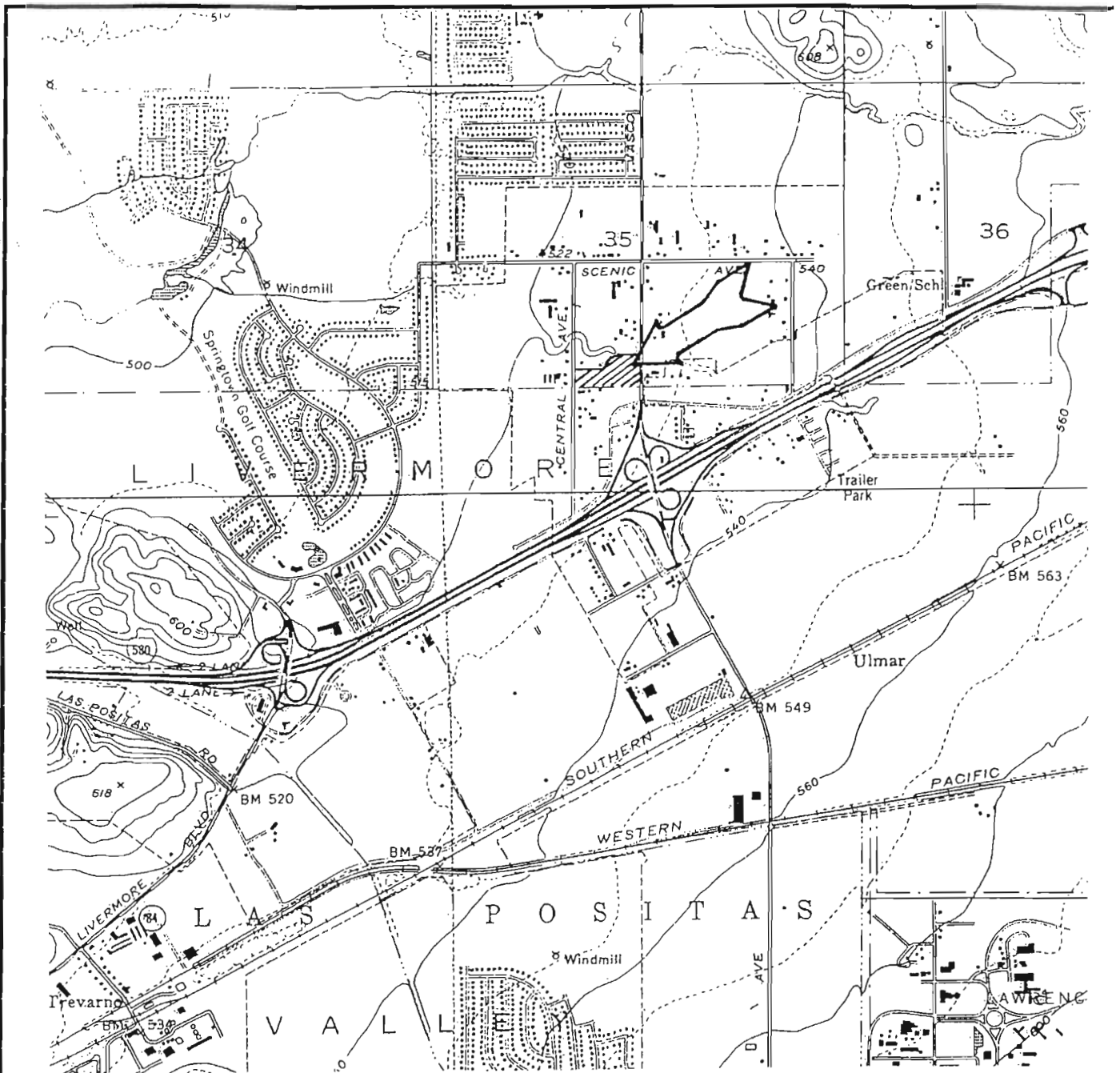
During the initial groundwater sampling event, water from well MW-1 contained 910ppb TPHd. TPHg and BTEX were not identified in any of the wells. After three subsequent quarterly sampling events, TPHg and BTEX have not been detected in any of the wells. Most recently, 228 ppb TPHd was identified in well MW-1 but the chromatogram did not match the pattern of the lab's diesel standard. (See Table 4)

The former diesel UST and well MW-1 are located at the northern end of the property, immediately south of the Altamont Creek-Arroyo Seco Piedmont which has been modified as a flood control channel. The first encountered groundwater in clayey sand at 7' bgs is a shallow portion of the Altamont Creek alluvial fan aquifer. The clay content decreased with depth, becoming a well graded sand at 10' to 12' bgs (see boring logs). After four quarters of sampling, it does not appear the fuel release has significantly impacted groundwater quality beneath the site. And with the removal of the diesel UST and reexcavation of contaminated soil, it is assumed that the adjacent Altamont Creek has not been significantly impacted either. Continued monitoring is not warranted.

Approximately 600 cy of hydrocarbon-impacted soil was bioremediated at the site. The soil was sampled in July 1996 and analyzed for TPHg, TPHd, and BTEX. TPHg and BTEX were not found above the detection limits. TPHd concentrations ranged from ND to 410ppm (see Fig 5). Only one of the twelve samples (SP-8) contained TPHd in excess of the draft Tier 1 Petroleum Hydrocarbon Screening Level established by the RWQCB for Saltwater Ecological Protection Zone and Adjacent Surface Waters (which is 267ppm TPHd for soils (see Fig 6)). Thus, the stockpiled soil can be re-used onsite as structural or landscape fill.

In summary, case closure is recommended because:

- o the leak and ongoing sources have been removed;
- o the site has been adequately characterized;
- o the dissolved plume is not migrating;
- o no water wells, surface water, or other sensitive receptors are likely to be impacted; and,
- o the site presents no significant risk to human health or the environment.



Base from U.S. Geological Survey Altamont 7.5 Minute Series Topographic Map



1000 0 1000 2000 3000 4000 5000 FEET

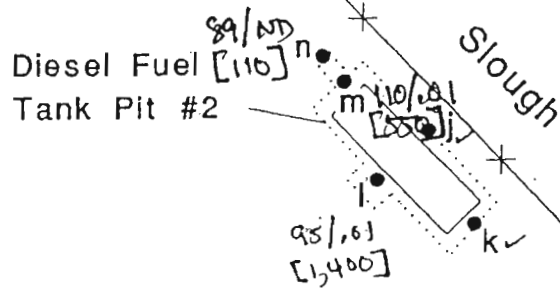


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**SITE LOCATION MAP
 GENO'S COUNTRY STORE
 1000 NORTH VASCO ROAD
 LIVERMORE, CALIFORNIA**

FIGURE

1

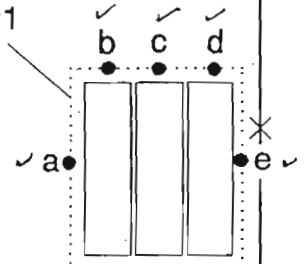


EXPLANATION

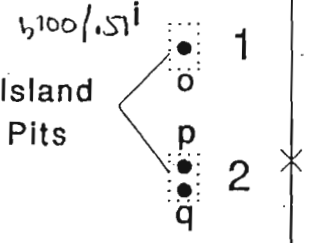
• Soil Sample Location

- a = S-8-P1W
- b = S-8-P1NW
- c = S-8-P1NM
- d = S-8-P1NE
- e = S-8.5-P1E
- f = S-8.5-P1SE
- g = S-8-P1SM
- h = S-8-P1SW
- i = S-8-P1SWb
- j = S-7-P2N
- k = S-7-P2E
- l = S-7-P2S
- m = S-7-P2Wa
- n = S-7-P2Wb
- o = S-4-FD1
- p = S-4-FD2
- q = S-10-Fd2

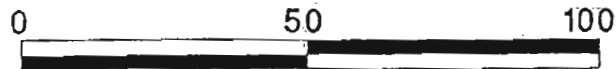
Gasoline
Tank Pit #1



Fuel Island
Test Pits

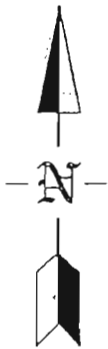


ppm TPH-G/benzene
[TPH-D]



Scale in Feet

DRAFTED BY: JAC	CHECKED BY: JAC	PROJECT NO. 022-030	SCALE: 1:400	GRAYLAND ENVIRONMENTAL
DWG. DATE: 10-6-94	REV. DATE: 10-7-94	GENO'S COUNTRY STORE	FIGURE 2	
MAP SOURCE: Site Visit Sketch		1000 N. VASCO ROAD LIVERMORE, CALIFORNIA	SOIL SAMPLE LOCATION MAP	



Diesel Fuel
Tank Pit P2
(Backfilled)

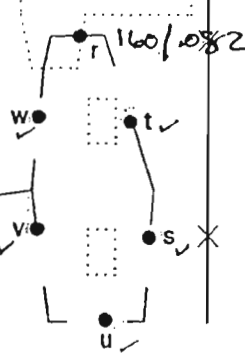
Overexcavation
(E2) Diesel Fuel
Dispenser Area

Slough

Gate

Gasoline
Tank Pit P1
(Backfilled)

Overexcavation
(E1) Gasoline
Dispenser Area



EXPLANATION

- Soil Sample Location

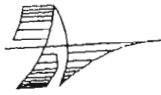
- r = S-7-E1N
- s = S-7-E1Ea
- t = S-7-E1Eb
- u = S-7-E1S
- v = S-7-E1Wa
- w = S-7-E1Wb
- x = S-7-E2S

0 50 100



Scale in Feet

DRAFTED BY: JAC	CHECKED BY: JAC	PROJECT NO. 022-030	SCALE: 1:400	GRAYLAND ENVIRONMENTAL 2731 Quail Street Davis, CA 95616
DWG. DATE: 10-06-94	REV. DATE: 12-23-94	GENO'S COUNTRY STORE	FIGURE 03	
MAP SOURCE: Site Visit Sketch		1000 N. VASCO ROAD LIVERMORE, CALIFORNIA	EXCAVATION SOIL SAMPLE LOCATION MAP	



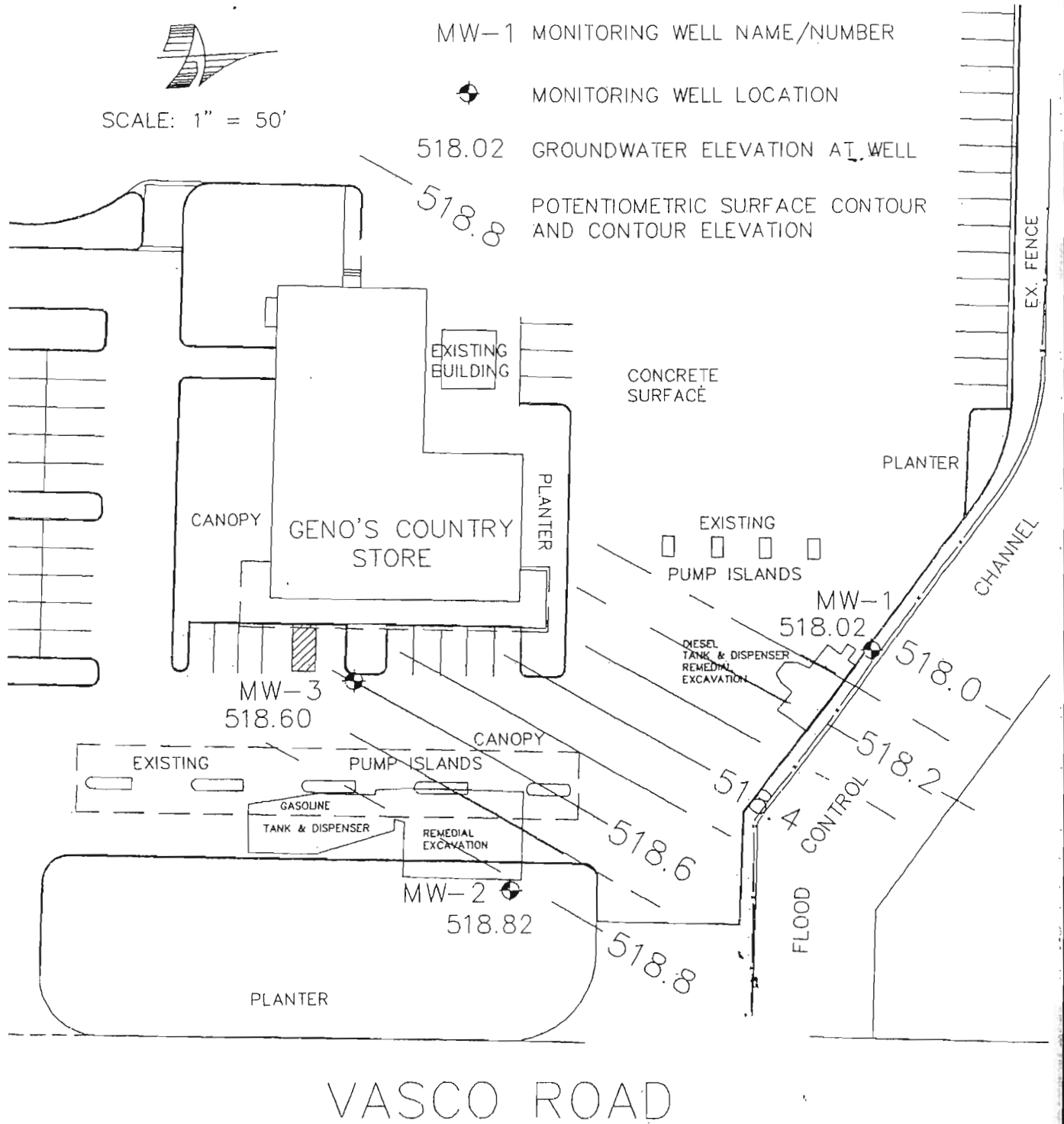
SCALE: 1" = 50'

MW-1 MONITORING WELL NAME/NUMBER

MONITORING WELL LOCATION

518.02 GROUNDWATER ELEVATION AT WELL

518.8 POTENTIOMETRIC SURFACE CONTOUR AND CONTOUR ELEVATION



VASCO ROAD

POTENTIOMETRIC SURFACE MAP FOR 05/08/96

GENO'S COUNTRY STORE
1000 NORTH VASCO ROAD
LIVERMORE, CALIFORNIA

FIGURE



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**TABLE 1
LABORATORY RESULTS OF TANK REMOVAL SOIL SAMPLES
GINO'S COUNTRY STORE
LIVERMORE, CALIFORNIA**

Sample Number	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHd
Gasoline Tank						
Excavation						
a S-8-P1W	6.2	0.0087	0.0083	<0.005	0.018	NA
b S-8-P1NW	28	0.054	0.43	0.19	2	NA
c S-8-P1NM	2.1	0.0093	0.032	0.014	0.13	NA
d S-8-P1NE	6	0.0064	0.015	0.0069	0.054	NA
e S-8-P1E	<1	<0.005	0.009	<0.005	0.038	NA
f S-8.5-P1SE	<1	<0.005	<0.005	<0.005	<0.015	NA
g S-8-P1SM	8.7	0.04	0.082	0.018	0.13	NA
h S-8-P1SW	22	0.03	0.024	0.022	0.057	NA
i S-8-P1SWb	1,100	0.51	0.82	2.7	17	NA
Diesel Tank						
Excavation						
j S-7-P2N	23	0.011	0.017	0.036	0.25	160
k S-7-P2E	<1	<0.005	0.0081	<0.005	0.02	<1
l S-7-P2S	95	0.01	0.16	0.74	2.9	1,400
m S-7-P2Wa	110	0.01	0.15	0.63	3.1	550
n S-7-P2Wb	89	<0.005	0.061	0.21	2.0	110
Fuel Dispensers						
o S-4-FD1	4.8	<0.005	<0.005	0.023	0.083	NA
p S-4-FD2	2,500	9.5	130	86	680	NA
q S-10-FD2	40	0.32	3	1.7	13	NA
Stockpile						
S-SP1A	61	0.023	0.12	0.31	2.3	320
S-SP1B	82	0.014	0.15	0.44	2.9	1,100
S-SP1C	57	0.012	0.086	0.36	1.4	280

Laboratory results reported in mg/kg (parts per million)
 TPHg = Total Petroleum Hydrocarbons as gasoline
 TPHd = Total Petroleum Hydrocarbons as diesel fuel
 <1.0 = Less than the laboratory method detection limits
 NA = Not Analyzed

TABLE 2
LABORATORY RESULTS OF TANK REMOVAL GROUNDWATER SAMPLES
GINO'S COUNTRY STORE
LIVERMORE, CALIFORNIA

Sample Number	TPHg	Benzene	Toluene	BTEX Benzene	Total Xylenes	TPHd
Gasoline Tank						
Excavation						
W-9-P1	3,200	91	65	<15	120	NA
Diesel Tank						
Excavation						
W-7-P2	4,400	1.1	0.51	4.2	12	64,000

Laboratory results reported in $\mu\text{g}/\text{kg}$ (parts per billion)
 TPHg = Total Petroleum Hydrocarbons as gasoline
 TPHd = Total Petroleum Hydrocarbons as diesel fuel
 <15 = Less than the laboratory method detection limits
 NA = Not Analyzed

LABORATORY ANALYSES AND RESULTS

The soil samples collected from the former gasoline dispenser area were analyzed by the environmental laboratory for TPHg and BTEX using the aforementioned EPA methods. The single soil sample collected from overexcavation E2 was analyzed for TPHg, BTEX, and TPHd. The chain of custody record and laboratory reports are presented in Appendix A.

The results of the laboratory analyses indicated that only low concentrations of TPHg and BTEX remain in the subsurface transition zone soil beneath the former gasoline dispensers everywhere except at the north end of overexcavation E1 (Figure 4). Soil collected from the north end of overexcavation E1 contained a somewhat elevated concentration of TPHg with slightly elevated concentrations of BTEX (see S-7-E1N on Table 3). No TPHd was detected in the soil sample collected from overexcavation E2 where the former diesel fuel dispenser was located (Figure 4).

TABLE 3
LABORATORY RESULTS OF OVEREXCAVATION SOIL SAMPLES
GINO'S COUNTRY STORE
LIVERMORE, CALIFORNIA

Sample Number	TPHg	Benzene	Toluene	ethyl benzene	Total Solvents	TPHd
Fuel Dispenser Overexcavation						
✓ S-7-E1N	160	0.082	0.1	1.2	17	NA
S-7-E1Ea	4.6	0.048	<0.005	0.018	0.24	NA
t S-7-E1Eb	2.3	0.017	<0.005	<0.005	<0.015	NA
U S-7-E1S	3	0.079	0.0068	0.015	0.051	NA
V S-7-E1Wa	28	0.34	0.025	0.053	0.39	NA
w S-7-E1Wb	2.9	0.051	0.0093	0.0075	0.06	NA
X S-7-E2S	2.3	0.016	<0.005	<0.005	<0.015	<1
Laboratory results reported in mg/kg (parts per million)						
TPHg = Total Petroleum Hydrocarbons as gasoline						
TPHd = Total Petroleum Hydrocarbons as diesel fuel						
<1 = Less than the laboratory method detection limits						
NA = Not Analyzed						

Both of the tank excavations P1 and P2 were backfilled with pea gravel up to the depth which coincided with groundwater elevation at the time of backfilling. The pea gravel layer was covered with an impermeable fabric and the remaining excavation was backfilled with clean overburden soil to grade. The upper five feet of soil was compacted using a track-mounted excavator and sheep's foot soil compactor to greater than 90% of ASTM D 1557 maximum dry density.

Prior to backfilling the former diesel fuel tank pit, five gallons of a bio-enzyme product and five gallons of a bio-nutrient formula were added to the groundwater in the pit in order to stimulate existing bacteria to biodegrade hydrocarbons present in the groundwater. In addition, two 2-inch diameter polyvinyl chloride (PVC) lines were slotted and placed at the base of the excavation beneath the groundwater. The lines were extended to the surface with blank casing so that compressed air could be delivered to the subsurface where the contaminated groundwater and pea gravel are present.

Groundwater samples for TPH-D were collected directly from the end of the pump discharge tubing at the final purging rate of about two liters per minute into a one liter amber glass bottle. Groundwater samples for TPH-G plus BTEX were collected using a pump discharge rate of less than one liter per minute in 40-mL glass vials with Teflon™ septum lids, in duplicate.

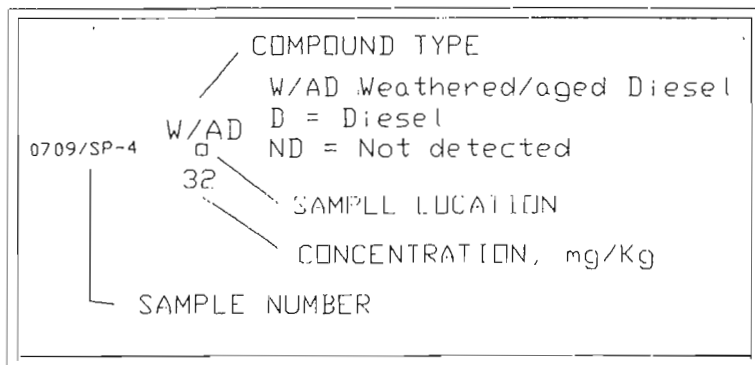
Groundwater sample bottles were labeled and placed in an ice chest with 2 Liter plastic bottles containing ice. Chain-of-Custody forms were filled out and were delivered with the ice chest to Chromalab, Inc. of Pleasanton, California, a state certified laboratory.

Groundwater samples from all three monitoring wells were found not to contain detectable concentrations of petroleum hydrocarbons. MW-1 was found to contain 220 µg/L of hydrocarbons in the diesel range that do not match the pattern of their Diesel standard. These could be organic acids or other biodegradation products or naturally occurring hydrocarbons from the soil and vegetation. The laboratory report and Chain-of-Custody documentation is contained in Attachment B. The historic groundwater sample analytical results are summarized below.

Table 4

All concentrations are expressed in micrograms per liter (µg/L).

Well	TPH-D	TPH-G	Benzene	Toluene	Ethyl- benzene	Total Xylenes
MW-1						
07/24/95	910	<50	<0.5	<0.5	<0.5	<0.5
11/06/95	<50	<50	<0.5	<0.5	<0.5	<0.5
02/05/96	<50	<50	<0.5	<0.5	<0.5	<0.5
05/08/96	228 ^{NOTE}	<50	<0.5	<0.5	<0.5	<0.5
(Note: Does not match the pattern of Chromalab's Diesel standard).						
MW-2						
07/24/95	<50	<50	<0.5	<0.5	<0.5	<0.5
11/06/95	<50	<50	<0.5	<0.5	<0.5	<0.5
02/05/96	<50	<50	<0.5	<0.5	<0.5	<0.5
05/08/96	<50	<50	<0.5	<0.5	<0.5	<0.5
MW-3						
07/24/95	<50	60	<0.5	<0.5	<0.5	<0.5
11/06/95	<50	<50	<0.5	<0.5	<0.5	<0.5
02/05/96	<50	<50	<0.5	<0.5	<0.5	<0.5
05/08/96	<50	<50	<0.5	<0.5	<0.5	<0.5



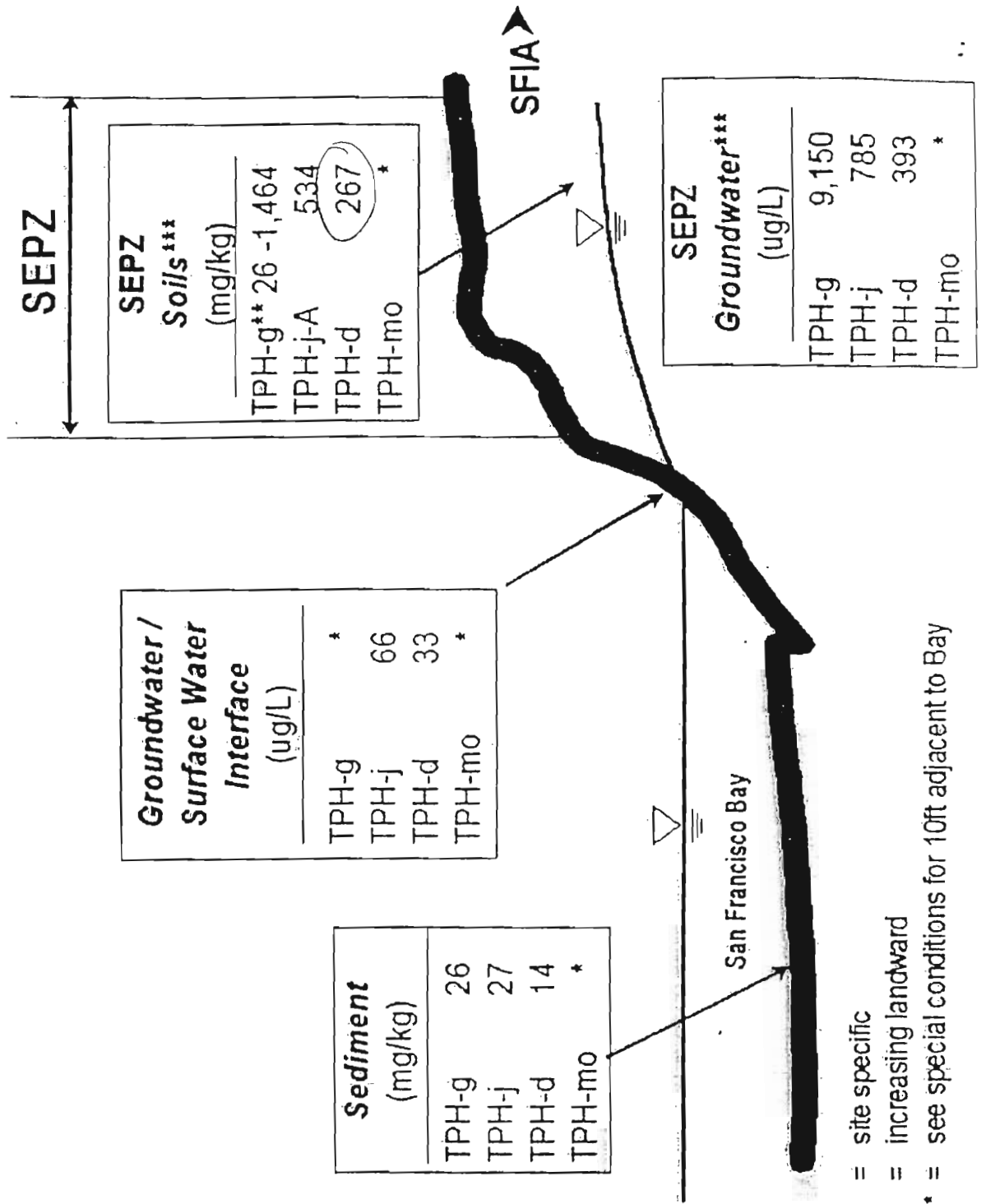
0709/SP-1	W/AD □ 41	ND □ <1.0	0709/SP-9
0709/SP-2	W/AD □ 280	D □ 28	0709/SP-10
0709/SP-3	W/AD □ 72	W/AD □ 35	0709/SP-11
0709/SP-4	W/AD □ 32	D □ 150	0709/SP-12
0709/SP-5	ND □ <1.0	RAMP UP	
0709/SP-6	ND □ <1.0		
0709/SP-7	W/AD □ 73		
0709/SP-8	W/AD □ 410		

← STYLIZED SOIL PILE OUTLINE

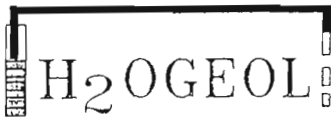
CENTRAL AVENUE

Fig 6

DRAFT Revised Tier 1 Petroleum Hydrocarbon (TPH) Screening Levels for the Saltwater Ecological Protection Zone (SEPZ) and Adjacent Surface Waters at the San Francisco International Airport (SFIA) -- December 11, 1997



* = site specific
 ** = increasing landward
 *** = see special conditions for 10ft adjacent to Bay



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BOREHOLE LITHOLOGIC LOG

BOREHOLE No. MW-1 Sheet 1 of 1

Project No.: _____	Date: <u>07/17-18/95</u>	Drilling Co. <u>ASE Drilling</u>	Drill Model <u>Iwan Auger</u>
Client: <u>Geno's Country Store</u>		Drilling Method - <u>Hand Operation</u>	Borehole Diameter <u>6.25-in</u>
Location: <u>1000 North Vasco Road</u>		Ground Surface Elevation <u>526.3</u>	Datum: <u>ground surface</u>
<u>Livermore, California</u>		Borehole MW-1 was completed as a monitoring well MW-1	
Logged by: <u>GDL</u>	Driller: <u>RCV/GDL</u>		

Water Level	<u>8.68</u>		
Time	<u>8:45</u>		
Date	<u>7/24/95</u>		

Sampling Blowcounts	PID/FID HNU/OVA reading	Depth test	Sample Soil Sample Number	Graphic Soil Symbol	USCS Soil Symbol	Field Soil Description	2-inch PVC casing and screen, screen openings = 0.020 inch
		1			CL	Landscape fill, dark brown 7.5YR 3/4 very sandy silty clay.	2-inch PVC casing and screen, screen openings = 0.020 inch
		2			CL/CH	Olive 5Y 4/3 gravelly sandy silty clay, pebbles to 2 cm	
		3				Neat Cement Grout	
		4				Dark yellowish brown 10YR 3/4 silty stiff clay. Faint diesel odor.	
		5			CH	Bentonite Seal	
		6				Trace gravels	
		7					
		8	7-7.6 Ft.			Greenish gray 5G 5/1 mottled yellowish brown 10YR 5/6 gravelly very clayey very fine to medium sand. Faint diesel odor.	
		9				Decreasing clay with depth First Encountered Water at 8.8 Feet. ▽	
		10			SC	No odor from 10 foot to total depth.	
		11				LONESTAR No. 3 Sand	
		12				Yellowish brown 10YR 5/6 clayey very fine to medium sand.	
		13			SW	Yellowish brown 10YR 5/6 very fine to medium sand.	
		14			CH	Yellowish brown 10YR 5/6 stiff clay.	
		15			SC	Yellowish brown 10YR 5/6 very clayey very fine to medium sand.	
		16				Total Well Depth = 15.68 Feet. (below reference mark)	
		17				Well completed with 6-inch stove pipe type cover.	
		18					
		19					
		20					
		21					
		22					
		23					
		24					
		25					

Total Depth 15.68 (below grade)

Total Well Depth = 15.68 Feet. (below reference mark)

Well completed with 6-inch stove pipe type cover.



A GROUND WATER CONSULTANCY

BOREHOLE LITHOLOGIC LOG

BOREHOLE No. MW-2 Sheet 1 of 1

Project No.: _____	Date: <u>07/17-18/95</u>	Drilling Co. <u>ASE Drilling</u>	Drill Model <u>Iwan Auger</u>
Client: <u>Geno's Country Store</u>		Drilling Method <u>Hand Operation</u>	Borehole Diameter <u>6.25-in</u>
Location: <u>1000 North Vasco Road</u>		Ground Surface Elevation <u>526.6</u>	Datum: <u>ground surface</u>
<u>Livermore, California</u>	Borehole MW-2 was completed as a monitoring well MW-2		
Logged by: <u>GDL</u>	Driller: <u>RCV/GDL</u>		

Water Level	<u>8.17</u>		
Time	<u>8:43</u>		
Date	<u>7/24/95</u>		

Sampling Blowcounts	PID/FID H ₂ O/O ₂ reading	Depth test	Sample Soil Number	Graphic Soil Symbol	USCS Soil Symbol	Field Soil Description	Well Construction
		1			CL	Landscape fill, dark brown 7.5YR 3/4 very sandy silty clay.	2-inch PVC casing and screen screen openings = 0.020 inch
		2				Dark yellowish brown 10YR 3/4 silty stiff clay.	
		3					
		4			CH	Neal Cement Grout	
		5				Trace gravels	
		6					
		7	7-7.6 Ft.				
		8			SC	Dark yellowish brown 10YR 3/4, gravelly very clayey very fine to medium sand. First Encountered Water at 8.35 Feet. ▽	
		9					
		10					
		11				LONESTAR No. 3 Sand	
		12					
		13			CL	Dark yellowish brown 10YR 4/4 sandy clay.	
		14					
		15					
		16				Total Depth 16.1 (below grade) Total Well Depth = 15.26 Feet (below reference mark)	
		17				Well completed with 6-inch stove pipe type cover.	
		18					
		19					
		20					
		21					
		22					
		23					
		24					
		25					



A GROUND WATER CONSULTANCY

BOREHOLE LITHOLOGIC LOG

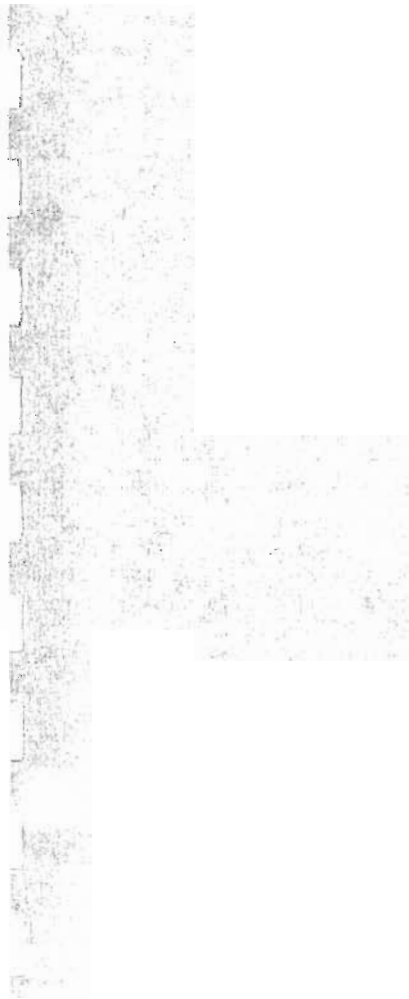
BOREHOLE No. MW-3 Sheet 1 of 1

Project No.:	Date: 07/18-19/95	Drilling Co. ASE Drilling	Drill Model Iwan Auger
Client: Geno's Country Store		Drilling Method - Hand Operation	Borehole Diameter 6.25-in
Location: 1000 North Vasco Road		Ground Surface Elevation 526.3	Datum: ground surface
Livermore, California		Borehole MW-3 was completed as a monitoring well MW-3	
Logged by: GDL	Driller: RCV/GDL		

Water Level	7.60		
Time	8:40		
Date	7/24/95		

Sampling Blowcounts	PID/FID H/Nu/CVA reading	Depth test	Sample Soil Sample Number	Graphic Soil Symbol	USCS Soil Symbol	Field Soil Description
		1			CH	Concrete 0.5 feet, baserock 0.3 feet
		2			CH	Dark yellowish brown 10YR 3/4 stiff clay.
		3			CH	Yellowish brown 10YR 5/6 sandy stiff clay. Neat Cement Grout
		4			CH	Increasing sand content with depth.
		5			SC	Yellowish brown 10YR 5/6 clayey sand. Bentonite Seal
		6			SC	Yellowish brown 10YR 5/4 clayey sand.
		7			SC/SW	Decreasing clay with depth.
		8	7-7.6 Ft.		SW	First Encountered Water at 7.85 Feet. ▽
		9			SW	Yellowish brown 10YR 5/4 very clayey pebbly fine to coarse sand. Pebbles to 1 cm.
		10			SW	Yellowish brown 10YR 5/4 pebbly fine to coarse sand. Pebbles to 2X7 cm.
		11			CH	LONESTAR No. 3 Sand
		12			CH	Yellowish brown 10YR 5/4 stiff sandy clay.
		13				
		14				
		15				
		16				Total Depth 15.5 (below grade) Total Well Depth = 15.05 Feet (below reference mark)
		17				Well completed with 8-inch flush box
		18				
		19				
		20				
		21				
		22				
		23				
		24				
		25				

2-inch PVC casing and screen
screen openings = 0.020 inch



Small, faint, illegible text or markings.

Small, faint, illegible text or markings.

PS
DB# 2295

F-1

Annual Hazardous Materials Business Plan Review and Certification

Non EPCRA Sites

RECEIVED

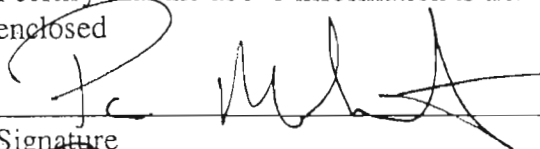
Facility Name: KEN'S TIRE SERVICE APR 17 2007
1012A N. VASCO RD.

Facility Street Address: LIVERMORE, CA 94551-8784 City: FIRE PREVENTION

HMBP Section Statement	Circle Yes or No	Required Action if NO
The information contained in the Owner/Operator Page inventory most recently submitted to Fire Department is complete, accurate and up to date.	<input checked="" type="radio"/> Yes No	Submit a new Owner/Operator Page
The information contained in the hazardous materials inventory most recently submitted to Fire Department is complete, accurate, and up to date.	<input checked="" type="radio"/> Yes No	Submit a new hazardous materials inventory statement and a new Owner/Operator Page
There has been no change in the quantity of hazardous materials reported in the most recently submitted inventory.	<input checked="" type="radio"/> Yes No	Submit a new hazardous materials inventory statement and a new Owner/Operator Page
No hazardous materials subject to inventory requirements are being handled that are not listed on the most recently submitted inventory.	<input checked="" type="radio"/> Yes No	Submit a new hazardous materials inventory statement and a new Owner/Operator Page
The information contained in the Facility Map inventory most recently submitted to Fire Department is complete, accurate and up to date.	<input checked="" type="radio"/> Yes No	Submit a new Facility Map
The information contained in the Employee Training Plan inventory most recently submitted to Fire Department is complete, accurate and up to date.	<input checked="" type="radio"/> Yes No	Submit a new Employee Training Plan
The information contained in the Emergency Response Plan inventory most recently submitted to Fire Department is complete, accurate and up to date.	<input checked="" type="radio"/> Yes No	Submit a new Emergency Response Plan

If changes have been made to a section (i.e. Inventory Statement, Training Plan, etc.), please resubmit the entire section. We do not have the staff resources to replace individual pages within a section.

I certify that the above information is true and the required documents, if any, are enclosed


Signature

3-19-07
Date

PAM McGinty
Printed Name

Bookkeeper
Title

UNIFIED PROGRAM CONSOLIDATED FORM

FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

Page ___ of ___

I. IDENTIFICATION

FACILITY ID#	2295	BEGINNING DATE	11-16-06	ENDING DATE	3-1-07
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)	Ken's Tire Service			BUSINESS PHONE	(925) 443-8473
BUSINESS SITE ADDRESS	1012-A N. Vasco Rd.				
CITY	Livermore	CA	ZIP CODE	94551-8784	
DUN & BRADSTREET	5952-004034-2		SIC CODE (4 digit #)		
COUNTY	Alameda				
BUSINESS OPERATOR NAME	Ken Limtiaco			BUSINESS OPERATOR PHONE	(925) 634-9411

II. BUSINESS OWNER

OWNER NAME	Joaquin Limtiaco			OWNER PHONE	(925) 634-9411
OWNER MAILING ADDRESS	1238 Exeter WY				
CITY	Brentwood	STATE	CA	ZIP CODE	94513

III. ENVIRONMENTAL CONTACT

CONTACT NAME	Same as owner			CONTACT PHONE	
CONTACT MAILING ADDRESS					
CITY		STATE		ZIP CODE	

-PRIMARY-

IV. EMERGENCY CONTACTS

-SECONDARY-

NAME	Joaquin (Ken) Limtiaco	NAME	Joseph Limtiaco
TITLE	owner	TITLE	V.P.
BUSINESS PHONE	(925) 443-8473	BUSINESS PHONE	(925) 443-8473
24-HOUR PHONE	(925) 634-9411	24-HOUR PHONE	(707) 644-6225
PAGER #	cell (925) 250-9777 or 250-7999	PAGER #	

ADDITIONAL LOCALLY COLLECTED INFORMATION:

- I have reviewed the Hazardous Materials Business Plan for my facility and hereby certify that to the best of my knowledge the Business Owner/Operator information, Site Map, Hazardous Materials Inventory, Emergency Response Plan, and Employee Training Plan are still accurate.

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE	NAME OF DOCUMENT PREPARER
<i>[Signature]</i>	11-16-06	Pamela A. McGinty
NAME OF SIGNER (print)	TITLE OF SIGNER	
Joaquin Limtiaco	owner	

KEN'S TIR: RVICE
 1012A N. VASCO RD.
 LIVERMORE, CA 94551-8784

HAZARDOUS MATERIALS INVENTORY
 NON - WASTE

11-16-06

id Revise Delete (200) Page 1 of 3

Business Name: _____
 Business Address: _____

() TRADE SECRET (206) CHEMICAL LOCATIONS CONFIDENTIAL (207)

207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224, 225
Product Common Name	Chemical Names of Hazardous Components and % weight	C.A.S. # for Each Component	Fire Code (code below)	Waste Info - If waste	Ave Daily amount	Max. Daily amount	Largest Container	Units	Days on file	Physical State	SARA Class	Commer. iner (code below)	Pressure & Temp				
Coolant	ethylene glycol - 80%	107-21-1	01H CL IRR	State Code: 343 Annual Thru: Per:	27	55	55	gal	365	liquid	Fire Pressure Reactive	PD	Pressure Amb. > Amb < Amb Cryo.				
15W-40 oil	Same as first column Petroleum oil	800-200-552	CL	State Code: 221 Annual Thru: Per:	175	350	350	gal	365	liquid	Fire Pressure Reactive		Pressure Amb. > Amb < Amb Cryo.				
10W-30 oil	Same as first column Petroleum oil	800-200-552	CL	State Code: 221 Annual Thru: Per:	175	350	350	gal	365	liquid	Fire Pressure Reactive		Pressure Amb. > Amb < Amb Cryo.				
ATF oil	Same as first column Petroleum oil	800-200-552	CL	State Code: 221 Annual Thru: Per:	24	48	48	gal	365	liquid	Fire Pressure Reactive		Pressure Amb. > Amb < Amb Cryo.				

For Column 223 - Container Codes: AGT - Above ground tank; B - Bag; Bx - Box; C - Can; CB - Carboy; CYL - Cylinder; FD - Fiber drum; GB - Glass bottle; PB - Plastic Bottle; PD - Plastic/Nonmetallic drum; SD - Steel drum; S - Silo; RC - Rail Car; TB - Tote Bin; TW - Tank wagon; UST - Underground tank; O - Other

For Column 210 - Fire Code Classes: Cor - Corrosive; Cry - Cryogenic; Ex - Explosive; FG - Flammable Gas; FL - Flammable liquid; FS - Flammable Solid; HT - Highly Toxic; Irr - Irritant; OP - Organic Peroxide; Ox - Oxidizer; Pyro - Pyrophoric; Sens - Sensitizer; TX - Toxic; UR - Unstable/Reactive; WR - Water Reactive;

HAZARDOUS MATERIALS INVENTORY

KEN'S T. SERVICE
1012A N. VASCO RD.
LIVERMORE, CA 94551-8784

WASTE

11-16-06

TRADE SECRET (206) CHEMICAL LOCATIONS CONFIDENTIAL (207)

Business Name: _____ Business Address: _____

dd Revise Delete (200) Page 2 of 3

207 Product Common Name	205, 226, 227 Chemical Names of Hazardous Components and % weight	208 EHS. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	209 C.A.S. # for Each Component	204 map grid	210 Fire Code Classes (code below)	220 Waste Info - if waste	217 Ave Daily amount	218 Max. Daily amount	215 Largest Con- tainer	221 Units	222 Days on site	214 Physical State	216 SARA Class	223 Conts Incr (code below)	224, 225 Pressure & Temp
011	Same as first column Petroleum varies - petroleum hydrocarbons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	950-008	3A	CL	State Code: 221 Annual Thru Put:	175	500 1.2	500 N	lb gal cu. ft. u curie other	365	solid liquid gas pure mixture waste radioact.	Fire Pressure Reactive Health: Acute Delayed		Pressure Amb. > Amb < Amb Temp > Amb < Amb Cryo.
012	Same as first column Ethylene glycol varies - 100% ethylene glycol	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	161-12-1	3A	OH CL IR	State Code: 313 Annual Thru Put:	27	55	55	lb gal cu. ft. u curie other	365	solid liquid gas pure mixture waste radioact.	Fire Pressure Reactive Health: Acute Delayed		Pressure Amb. > Amb < Amb Temp > Amb < Amb Cryo.
013	Same as first column	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	-	3A	CL	State Code: Annual Thru Put:	27	55	55	lb gal cu. ft. u curie other	365	solid liquid gas pure mixture waste radioact.	Fire Pressure Reactive Health: Acute Delayed		Pressure Amb. > Amb < Amb Temp > Amb < Amb Cryo.
014	Same as first column	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	-			State Code: Annual Thru Put:				lb gal cu. ft. u curie other	365	solid liquid gas pure mixture waste radioact.	Fire Pressure Reactive Health: Acute Delayed		Pressure Amb. > Amb < Amb Temp > Amb < Amb Cryo.

For Column 223 - Container Codes: AGT - Above ground tank; B - Bag; Ex - Box; C - Can; CB - Carboy; CYL - Cylinder; FD - Fiber drum; GB - Glass bottle; PB - Plastic Bottle; PD - Plastic/Nonmetallic drum; SD - Steel drum; S - Silo; RC - Rail Car; TB - Tote Bin; TW - Tank wagon; UST - Underground tank; O - Other

For Column 210 - Fire Code Classes: Car - Carcinogens; CL - Combustible liquid, Cor - Corrosive; Cry - Cryogenic; Ex - Explosive; FG - Flammable Gas; FL - flammable liquid; FS - Flammable Solid; HT - Highly Toxic; Irr - Irritant; OP - Organic Peroxide; Ox - Oxidizer; Pyro - Pyrophoric; Sens - Sensitizer; TX - Toxic; UR - Unstable/Reactive; WR - Water Reactive;

HAZARDOUS MATERIALS INVENTORY

KEN'S TIRES &
1012A N. VASCO RD.
LIVERMORE, CA 94551-6784

TRADE SECRET (206) CHEMICAL LOCATIONS CONFIDENTIAL (202)

Business Name: _____ Business Address: _____

dd Revise Delete (200) Page 2 of 3

207	205, 216, 227	208	209	210	218	217	218	219	220	221	222	224	216	223	224, 225
Product Common Name	Chemical Name of Hazardous Components and % weight	EHS	C.A.S. # for Each Component	Fire Code Classes (code below)	Waste Info - If wastic	Avg Daily amount	Max. Daily amount	Largest Container	Units	Days on file	Physical State	SARA Class	Conita finer (code below)	Pressure & Temp	
Oil Detergent Oil	Same as first column Detergent Oil	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	200-850-5A	CL	State Code: 2-21 Annual Thru Put:	24	48	48	lb	365	liquid	Fire Pressure Reactive Health: Acute Delayed		Pressure Amb. > Amb < Amb Temp Amb. > Amb < Amb Cryo.	
X	Same as first column	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			State Code: N/A Annual Thru Put:				lb gal cu. ft. u curie other	365	liquid	Fire Pressure Reactive Health: Acute Delayed		Pressure Amb. > Amb < Amb Temp Amb. > Amb < Amb Cryo.	
X	Same as first column	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			State Code: N/A Annual Thru Put:				lb gal cu. ft. u curie other	365	liquid	Fire Pressure Reactive Health: Acute Delayed		Pressure Amb. > Amb < Amb Temp Amb. > Amb < Amb Cryo.	
X	Same as first column	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			State Code: N/A Annual Thru Put:				lb gal cu. ft. u curie other	365	liquid	Fire Pressure Reactive Health: Acute Delayed		Pressure Amb. > Amb < Amb Temp Amb. > Amb < Amb Cryo.	

For Column 223 - Container Codes: AGT - Above ground tank; B - Bag; Bx - Box; C - Can; CB - Carboy; CYL - Cylinder; FD - Fiber drum; GB - Glass bottle; PB - Plastic Bottle; PD - Plastic/Nonmetallic drum; SD - Steel drum; S - Silo; RC - Rail Car; TB - Tote Bin; TW - Tank wagon; UST - Underground tank; O - Other

For Column 210 - Fire Code Classes: Car - Corrosive; Cry - Cryogenic; Ex - Explosive; FG - Flammable Gas; FL - Flammable liquid; FS - Flammable Solid; HT - Highly Toxic; Irr - Irritant; OP - Organic Peroxide; Ox - Oxidizer; Pyro - Pyrophoric; Sens - Sensitizer; TX - Toxic; UR - Unstable/Reactive; WR - Water Reactive;

V. Emergency Equipment Inventory Table

Equipment Category	Equipment Type	Location	Description**
Personal Protective Equipment, Safety Equipment, First Aid Equipment	Chemical Protective Boots		
	Chemical Protective Gloves	Shop	
	Safety Glasses/Goggles/Face shields ✓	Office	Safety goggles
	Chemical Protective Clothing		
	Hard Hats		
	Chemical Monitoring Equipment (describe)		
	First Aid Kits ✓	Office	
	Eye Wash Stations ✓	Align	
	Safety Showers		
	Cartridge Respirators and Cartridges (describe)		
	Self-Contained Breathing Apparatus (SCBA)		
	Other (describe)		
Fire Extinguishing Systems	Fire Extinguishers ✓	Shop	
	Automatic Fire Systems		
	Fire Alarm Boxes ✓	Shop	
Spill Control Equipment, Decontamination Equipment	Absorbents, Neutralizers (describe) ✓	Shop by oil	Grease Swab
	Shovels/Brooms/Squeegees ✓	Shop	
	Overpack drum/Spill drum		
	Berms/Dikes (describe) ✓	Shop	Dikes
	Decontamination Equipment (describe)		
	Gas cylinder leak repair kits (describe)		
	Other (describe)		
Communications and Alarm Systems	Telephones ✓	Shop	
	Intercoms/PA systems ✓	Shop	
	Portable 2 way radios		
	UST leak detection monitors		
	Chemical alarms. (describe)		
Additional Equipment (Use additional pages if needed)			

* If appropriate, use the location code(s) from your Hazardous Materials Business Plan.

** Describe the equipment and its capabilities. If applicable, specify any testing/maintenance procedures/intervals. Attach additional pages, numbered appropriately, if needed.

VI. Evacuation Information:

Evacuation Announcement	<input type="checkbox"/> Bell <input type="checkbox"/> Horn <input checked="" type="checkbox"/> PA System <input type="checkbox"/> Shouting Other _____
Evacuation Route	<input type="checkbox"/> Map Other <u>Out Bay Doors</u>
Assembly Area	Location: <u>Parking Lot</u>
Re-entry Procedures	<u>After thorough inspection</u>

VII. Emergency Procedures:

Emergency Coordinator Responsibilities:

1. Whenever there is an imminent or actual emergency situation such as an explosion, fire, or release, the emergency coordinator (or his/her designee when the emergency coordinator is on call) shall:
 - a. Identify the character, exact source, amount, and aerial extent of any released hazardous materials.
 - b. Assess possible hazards to human health or the environment that may result from the explosion, fire, or release. This assessment must consider both direct and indirect effects (e.g. the effects of any toxic, irritating, or asphyxiating gases that are generated, the effects of any hazardous surface water run-off from water or chemical agents used to control fire, etc.).
 - c. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
 - d. Notify appropriate local authorities (i.e., call 911).
 - e. Notify the State Office of Emergency Services at 1-800-852-7550.
 - f. Monitor for leaks, pressure build-up, gas generation, or ruptures in valves, pipes, or other equipment shut down in response to the incident.
 - g. Take all reasonable measures necessary to ensure that fires, explosions, and releases do not occur, recur, or spread to other hazardous materials at the facility.

2. Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall:
 - a. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from an explosion, fire, or release at the facility.
 - b. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.
 - c. Ensure that all emergency equipment is cleaned, fit for its intended use, and available for use.
 - d. Notify the Cal/EPA's Department of Toxic Substances Control and the Livermore-Pleasanton Fire Department that the facility is in compliance with requirements 2-a and 2-b. above.

Special site specific procedures:

Emergency	Response Action
Hazardous Material & Hazardous Waste Spills/Releases:	Clean w/ grease sweep & Put in Container Block off Surrounding Area.
Fire	evacuate & call 911
Explosion	evacuate & call 911
Earthquake (identify areas requiring immediate inspection)	evacuate & Inspect Bld. for Leaking
Other	

**Livermore Pleasanton Fire Department
3560 Nevada St., Pleasanton, CA 94566
(925) 454-2362 fax (925) 454-2367**

**PERMIT TO
TEMPORARILY CLOSE IN PLACE UNDERGROUND STORAGE TANKS**

h
Facility : Geno's County Store

Address: 1000 N. Vasco

Contractor: Walton Engineering

Effective Dates: 7/17/2008 – 7/17/2009

Size of Tank(s): 12,000 12,000 12,000 _____

Product Stored: Diesel Gas Gas _____

PERMIT CONDITIONS

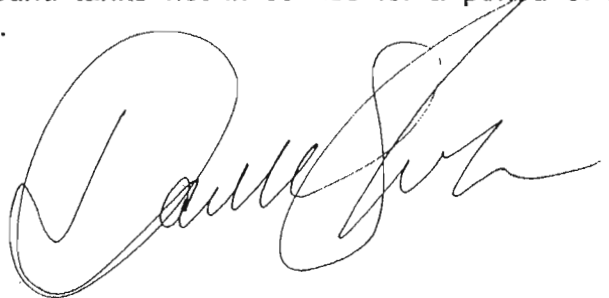
The owner or operator shall comply with all of the following:

(Based on Chapter 6.7 California Health & Safety Code, also see footnote)

1. Temporary closures shall be valid for 12 months. After this date the tank(s) must be placed back into operation or removed in accordance with CCR Title 23 Article 7.
2. Submit revised Tank Forms: one facility form and one tank form per tank.
3. All residual liquid, solids, or sludges shall be removed and handled pursuant to the applicable provisions of Chapter 6.5 of Division 20 of the Health and Safety Code. Provide copies of all receipts/manifests for cleanout of tanks/piping, disposal of waste(s).
4. If the underground storage tank contained a hazardous substance that could produce flammable vapors at standard temperature and pressure, it shall be inerted, as often as necessary, to levels that will preclude an explosion or to lower levels as required by the local agency. Site inspection will be conducted to verify that the Lower Explosive Level (LEL) of 20% or less and Oxygen levels of 5% or less using a combustible gas indicator calibrated at the site in the inspectors presence. The tank owner or operator shall document these activities in writing and keep a copy on-site.
5. Except for required venting, all fill and access locations and piping shall be

sealed utilizing locked caps or concrete plugs.

6. Power service shall be disconnected from all pumps associated with the use of the underground storage tank(s) except if the pump services some other equipment which is not being closed.
7. **Once the above conditions (Nos. 2-6) have been completed, contact the Livermore Pleasanton Fire Department, Fire Prevention Division, (LFPD) to schedule a compliance inspection. Failure to complete the required conditions and contact LFPD before expiration of the application (30 days beginning date application is received) will result in an expired application and no refund of application fee.**
8. The tank shall be inspected by the owner or operator at least once every 3 months to assure that the temporary closure measures are still in place. Inspection shall include visual inspection of all locked caps and concrete plugs, and the removal of at least one locked cap to determine if any water or other substance has entered the tank. A written record of these inspections shall be maintained on-site, and must be made available, upon request of LFPD.
9. The closure may be terminated only if reuse of the tank is approved by this office according to requirements specified in CCR Title 23 Article 6 Sections 2662, 2663 and 2664.
10. Any change in owner or operator for this tank and facility must be reported to this office within 30 days, pursuant to CCR title 23 Article 10 Section 2711(b).
11. Temporarily closed tanks are subject to **STATE** Surcharge fee, which may come due during the term of closure.
12. Underground tanks not in service for a period of more than 1 year shall be removed.

 7/17/08

Effective Date: 11/9/98

**Livermore-Pleasanton Fire Department
Underground Storage Tank Operating Permit**

UST-98-51

Facility Name **Geno's Country Store** Tank Owner's Name **Eugene & Shirely Macedo** Tank Owner's Phone **634-8105**
 UST Facility Address **1000 N Vasco Rd** Owner's Address **1000 North Vasco** Emerg. Contact Phone **634-8105**
 Facility City **Livermore** Tank #1 5 Tank #2 6 Tank #3 7
 Facility Phone **449-3841** Tank #4 7 Tank #5 7

Local ID # 5
Tank Info:
 Tank Capacity 15,000
 Tank Contents unlead
 Single/Double Wall Double
 Tank Materials FG wrapped steel
 Monitoring Method Intersitial
 Overfill Yes
 Spill Container Yes

Piping Info:
 System Type Pressure
 Single/Double Wall Double
 Piping Materials Fiberglass
 Monitoring Method Intersitial
 Installation Date 1994
Financial Responsibility State Fund

This permit is issued to the UST owner. This permit must be kept at the UST location at all times. This permit is valid until the system is modified, ownership is transferred, or the tanks are removed. The permit holder must notify the Livermore-Pleasanton Fire Department within 30 days of any changes to the permit or UST systems, unless required to obtain approval before making the change.

This operating permit is granted subject to the following conditions:

1. All applicable State UST requirements contained in the California Code of Regulations, Title 23, Division 3, Chapters 16 & 19, the California Health & Safety Code, Division 20, Chapters 6.7 and 6.75, and all applicable local requirements.
2. The owner or operator must report any unauthorized releases to the environment to the Livermore-Pleasanton Fire Department within 24 hours after the release has been detected or should have been detected.
3. The owner or operator must comply with the approved routine monitoring procedures and response plan which are attached to this permit.
4. Monitoring and maintenance records must be maintained on site for three years.

Issued by:  Date: 11/25/98

LIVERMORE-PLEASANTON FIRE DEPARTMENT

INSPECTION REPORT NARRATIVE

Name of Facility: Geno's	Address: 1000 North Vasco Rd Livermore
Inspector: Danielle Stefani	

The dispenser pans have been cemented.

The lines were flushed and the tanks were emptied and rinsed. Manifests will be submitted.

The annular spaces will continue to be monitored.

The product lines are disconnected from the pumps and the lines and the pumps are capped.

500 lbs per tank dry ice have been placed in each tank. Neither the two oxygen and LEL meters on-site appeared to be working. Within 5 working days demonstrate LEL and oxygen levels are within acceptable limits. Test gas must be on-site for oxygen and LEL and the proper function of the meter must be demonstrated to the fire inspector. After Monday, call John Rigger at 925.454.2337 to schedule the inspection.

All other tank openings have been capped. The ATG ports have locking caps that will be used to access the tank interiors.

	JESSICA D ANDERSON	7/24/08
Received by: Signature of Facility Representative	Printed Name	Date of Inspection

LIVERMORE-PLEASANTON FIRE DEPARTMENT
 3560 Nevada Street, Pleasanton, CA 94566
 925-454-2362

INSPECTION REPORT SUMMARY

Name of Facility: Geno's Country Store	Street Address: 1000 North Vasco Rd. Livermore
Contact Person: Matt Macado	Telephone: 925-449-3838
Inspector: Danielle Stefani	E-Mail:
Did a facility representative grant permission for this inspection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Database ID No: 328

UNIFIED PROGRAM SUMMARY	Program	Inspection	No. of Viol.	
Fire Code	X	<input checked="" type="checkbox"/>	0	
Hazardous Materials Business Plan	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	
Risk Management Plan / CalARP	<input type="checkbox"/>	<input type="checkbox"/>	0	
Underground Storage Tank	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	
Aboveground Petroleum Storage Tank	<input type="checkbox"/>	<input type="checkbox"/>		Have SPCC Plan? <input type="checkbox"/> Y: <input type="checkbox"/> N
Hazardous Waste Generator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	
Tiered Permit: Permit-by-Rule	<input type="checkbox"/>	<input type="checkbox"/>		
Conditionally Authorized	<input type="checkbox"/>	<input type="checkbox"/>		
Conditionally Exempt, Specified Waste Stream	<input type="checkbox"/>	<input type="checkbox"/>		
Conditionally Exempt, Small Quantity Treatment	<input type="checkbox"/>	<input type="checkbox"/>		
Conditionally Exempt, Limited	<input type="checkbox"/>	<input type="checkbox"/>		
Conditionally Exempt, Commercial Laundry	<input type="checkbox"/>	<input type="checkbox"/>		

Comments

<input type="checkbox"/> Submit the Certificate of Return to Compliance and other required documents by <input checked="" type="checkbox"/> A re-inspection to verify compliance will be scheduled by phone. <input type="checkbox"/> One or more violations must be corrected immediately. See page(s) _____ of this inspection report. Compliance will be verified by a re-inspection on _____

<p><i>Failure to comply with requirements established in this inspection report and in all attachments to this report, or in subsequent correspondence may result in the issuance of a Notice of Noncompliance. Noncompliance is punishable by criminal and/or civil penalties under applicable local, state and/or federal laws or regulations.</i></p>		
_____ Received by: Signature of facility Representative	Matt Macado Printed Name	6/26/2007 Date of Inspection

Livermore-Pleasanton Fire Department

Fire Inspection Report

Facility Name: Geno's Country Store	Address: 1000 North Vasco Rd., Livermore
Inspector: Danielle Stefani	

	General Requirements	Viol	Fire Protection Systems	Viol
101	Provide address identification	<input type="checkbox"/>	401 Provide additional fire extinguishers	<input type="checkbox"/>
102	Provide current, tagged Knox box keys	<input type="checkbox"/>	402 Provide a K rated fire extinguisher in kitchen	<input type="checkbox"/>
103	Keep dumpster 5' from eaves, comb. walls, openings	<input type="checkbox"/>	403 Mount fire extinguisher	<input type="checkbox"/>
104	Keep oily rags in metal container with lid	<input type="checkbox"/>	404 Service fire extinguishers - last service	<input type="checkbox"/>
105	Keep comb. rubbish in approved location	<input type="checkbox"/>	405 Provide hood and duct system (kitchen)	<input type="checkbox"/>
106	Keep outside comb. storage 10' from property line (3' if < 6' high)	<input type="checkbox"/>	406 Extend fire protection system	<input type="checkbox"/>
107	Remove/treat drapes, decorations etc.	<input type="checkbox"/>	407 Make fire sprinkler valve accessible and lock	<input type="checkbox"/>
108	Provide max. occupancy sign (A Occ)	<input type="checkbox"/>	408 Maintain fire protection system (5 year cert. for water. Semi annual for other systems)	<input type="checkbox"/>
109	Maintain fire lane markings and signs	<input type="checkbox"/>	409 Maintain fire department connection	<input type="checkbox"/>
110	Clean Grease laden ducts (kitchen)	<input type="checkbox"/>	410 Every apt. unit and hotel/motel sleeping unit above 1 st floor shall have smoke detector	<input type="checkbox"/>
111	Post NFPA placards (if applicable)	<input type="checkbox"/>	411	<input type="checkbox"/>
112	Remove combustible rubbish	<input type="checkbox"/>	412 Maintain on-site fire hydrants	<input type="checkbox"/>
113	Maintain combustible materials in orderly fashion and away from exits	<input type="checkbox"/>	413 Repair fire alarm system	<input type="checkbox"/>
114	Remove non-compliant space heater	<input type="checkbox"/>	414 Provide spare fire sprinkler heads	<input type="checkbox"/>
115	Fire assemblies shall be maintained in working condition (Rated walls, doors, etc)	<input type="checkbox"/>	415 Maintain fire pumps	<input type="checkbox"/>
116	Provide stairway identification (≥ 4 stories)	<input type="checkbox"/>	416 Provide supervision for fire protection system control valves	<input type="checkbox"/>
117	Provided with info. re. Emergency Plans (Hotels, motels, office build. 2 or more stories in height, high-rises, Group I Division 1 & 2 Occupancies)	<input type="checkbox"/>	417 Maintain fire doors	<input type="checkbox"/>
	Electrical		Storage	
201	Comply with restrictions re. temp. wiring	<input type="checkbox"/>	601 Remove storage below stairs without 1 hr. rating	<input type="checkbox"/>
202	Remove cords affixed through walls etc.	<input type="checkbox"/>	602 Secure storage racks	<input type="checkbox"/>
203	Maintain 30" W and 78" H clearance at electrical panels	<input type="checkbox"/>	603 Keep storage > 18" below fire sprinklers	<input type="checkbox"/>
204	Label electrical panels	<input type="checkbox"/>	604 Keep storage > 24" from ceiling unsprinklered buildings	<input type="checkbox"/>
205	Cease using unapproved electrical equipment	<input type="checkbox"/>	605 Maintain aisle widths in storage areas	<input type="checkbox"/>
206	Maintain motors in good condition	<input type="checkbox"/>	Other Comments	<input type="checkbox"/>
207	Fix cover plates, outlets, other electrical	<input type="checkbox"/>		<input type="checkbox"/>
	Exiting			<input type="checkbox"/>
309	Remove deadbolts or similar devices	<input type="checkbox"/>		<input type="checkbox"/>
310	Provide/repair panic hardware (>50 A occ.)	<input type="checkbox"/>		<input type="checkbox"/>
311	Clear obstructed exit	<input type="checkbox"/>		<input type="checkbox"/>
315	Repair illuminated exit sign	<input type="checkbox"/>		<input type="checkbox"/>
316	Maintain exit way illumination	<input type="checkbox"/>		<input type="checkbox"/>

The following inspection lists were also used. Violations observed are noted on the attached Narrative page.

<input type="checkbox"/> Compressed Gases	<input type="checkbox"/> Medical Gases	<input type="checkbox"/> LPG
<input type="checkbox"/> Welding and Cutting	<input type="checkbox"/> Application of Flammable Finishes	<input type="checkbox"/> High Piled Combustible Storage
<input type="checkbox"/> Place of Assembly	<input type="checkbox"/> Repair Garage	<input type="checkbox"/> Motor Vehicle Fueling
<input type="checkbox"/> Dust Collection Systems	<input type="checkbox"/> Flammable and Combustible liquids	<input type="checkbox"/> Other:

Received by: _____ Signature of Facility Representative	_____ Printed Name	6/26/2007 Date of Inspection
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Fire Inspection - Additional Comments

General Requirements

Electrical

Exiting
311 - Rear exit no longer obstructed.

Fire Protection Systems
603 - Storage of materials in store room now at least 18" below fire sprinklers

Storage

Other Comments

Livermore-Pleasanton Fire Department HMBP Inspection Checklist

Facility Name: Geno's Country Store	Address: 1000 North Vasco Rd.
Inspector: Danielle Stefani	City: Livermore

	Viol.	Comments
Submit an HMBP – no HMBP on file with LPFD (CCR 2729.2)	<input type="checkbox"/>	HMBP Code:
Submit a complete and current HMBP – information is incomplete and/or out of date (CCR 2729.2)	<input type="checkbox"/>	
Maintain a copy of current HMBP on site (CCR 2729.1)	<input type="checkbox"/>	
A. BUSINESS INFORMATION (CCR 2729.1 – 2729.5)		
1. Correct inaccurate information and/or supply missing information in Business Owner/Operator Identification Page.	<input type="checkbox"/>	
2. Sign certification statement	<input type="checkbox"/>	
B. CHEMICAL INVENTORY (CCR 2729.1 – 2729.5)		
1. Revise Inventory Statement to reflect actual inventory on site. Undisclosed chemicals over the reporting threshold 100% or more increase in quantity	<input type="checkbox"/>	
2. Correct inaccurate information and/or supply missing information regarding the hazardous materials listed	<input type="checkbox"/>	
C. SITE MAPS (CCR 2729.2 and Appendix A)		
1. Indicate location of chemicals on storage plan/map.	<input type="checkbox"/>	
2. Supply missing items on plan/map.	<input type="checkbox"/>	
3. Revise plan/map to reasonably reflect actual layout.	<input type="checkbox"/>	
D. EMERGENCY RESPONSE PLAN (CCR 2731)		
1. Establish a written Emergency Response Plan	<input type="checkbox"/>	
2. Maintain Emergency Response Plan on-site.	<input type="checkbox"/>	
3. Revise Plan to include all required elements – see back of this page for details.	<input type="checkbox"/>	
4. Correct inaccurate/out of date information	<input type="checkbox"/>	
E. EMPLOYEE TRAINING (CCR 2732)		
1. Establish a written Employee Training Plan.	<input type="checkbox"/>	
2. Maintain Employee Training Plan on-site	<input type="checkbox"/>	
3. Revise Plan to include all required elements – see back of this page for details.	<input type="checkbox"/>	
4. Correct inaccurate/out of date information	<input type="checkbox"/>	
5. Provide required training: new employees and annual refresher	<input type="checkbox"/>	
5. Maintain training records of employees.	<input type="checkbox"/>	

Received by: _____ Signature of Facility Representative	_____ Printed Name	6/26/2007 Date of Inspection
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HAZARDOUS WASTE GENERATOR INSPECTION CHECKLIST

Notice to Comply (Minor Violations-Correct within 30 days) and Summary of Violations (Class I and II Violations)

Facility Name: Geno's Country Store	Address: 1000 North Vasco Rd., Livermore
Inspector: Danielle Stefani	EPA ID No.:

CESQG;
 SQG;
 RCRA LQG;
 State Only LQG;
 Recycler;
 Consolidation Site

	Minor Viol.	Class II Viol.	Class I Viol.	Comments
A. Identification Number (CCR-66262.12)				
1. Obtain EPA ID number.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Transporter and TSDF used have EPA ID number	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B. Pre-Transport Requirements (66262.11-34, 66265.171-199, 66266.130)				
1. Have hazardous waste determination done	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Label containers with required HW label	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Fill out labels properly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Properly dispose of HW at > accumulation time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Replace containers not in good condition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Replace containers incompatible with contents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Close open containers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. Provide required weekly storage area inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9. Provide and log required daily tank inspections	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10. Separate incompatible wastes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11. Manage used oil filters properly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12. Provide secondary containment for HW tanks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C. Record keeping/HW Manifests (CCR 6626.20-42 and 66268.7)				
1. Provide HW manifest TSDF copies for past 3 years	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Provide LDRs for past 5 years	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Provide HW analysis for past 3 years	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Submit Biennial report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Submit SB 14 reports (H&SC Section 25244.19)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Keep milkrun receipts 3 years	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Send HW manifests to DTSC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. Complete Recycling exemption form	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
D. HW Personnel Training (CCR Sections 66265.16)				
1. Provide employees with HW training/supervision	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Provide annual refresher HW training	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Submit/revise written employee training plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Provide written HW training records	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Keep training records till closure or 3 years after employee leaves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E. Contingency Plan (CCR Sections 66265.53-55)				
1. Submit/revise written contingency plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Ensure emergency coordinator familiar with plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F. Preparedness and Prevention (CCR 66265.14-35)				
1. Provide spill control and decontamination equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Repair/replace missing/damaged equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Provide adequate aisle space in HW storage area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Waste Streams

<input type="checkbox"/> Waste/Used Oil	<input type="checkbox"/> Oily Sludge	<input type="checkbox"/> Dry Cleaning Solvent
<input type="checkbox"/> Solvent/Parts Cleaner	<input type="checkbox"/> Used Oil Filters	<input type="checkbox"/> Universal Waste - Exempt
<input type="checkbox"/> Antifreeze/Coolant	<input type="checkbox"/> Photo Chemicals	<input type="checkbox"/> Universal Waste - SQG
<input type="checkbox"/> Silver	<input type="checkbox"/> Gluteraldehyde	<input checked="" type="checkbox"/> Other: Fuel filters, pads

_____ Received by Signature of Facility Representative	Matt Macado Printed Name	6/26/2007 Date of Inspection
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UNIVERSAL WASTE GENERATOR CHECKLIST

Notice to Comply (Minor Violations-Correct within 30 days) and Summary of Violations (Class I and II Violations)

Facility Name: Geno's Country Store	Address: 1000 North Vasco Rd. Livermore
Inspector: Danielle Stefani	

CESQH
 Small Quantity Handler
 Large Quantity Handler

Requirements for Small Quantity Universal Waste Handler				
	Minor Viol.	Class II Viol.	Class I Viol.	Comments
A. Identification Number				
1. Note: Do not need EPA ID No.				
2. Note: A hazardous waste hauler is not required				
B. Pre-Transport Requirements				
1. Do not accumulate >5.5 tons				
2. Do not hold UW for more than one year				
3. Document accumulation time for each item/groups of items. Several options allowed				
4. Label UW to ID types. Several labeling options allowed				
5. Do not treat UW, except when cleaning up releases or managing specific wastes listed in 66273.13				
6. Clean up releases				
7. Use applicable DOT marking requirements for off-site shipments				
C. Recordkeeping/HW Manifests				
1. Use proper shipping papers.				
2. Keep records of all shipments and receipts for three years				
C. Disposal Method				
1. Send all UW to either 1) another small or large quantity UW handler or 2) destination facility authorized to collect, recycle or dispose of universal waste.				
2. Do not dispose of UW to the trash (See back of page for exemptions)				
3. Ship to another small or large quantity UW handler or destination facility.				
4. Comply with rules for UW export if shipping out of the county.				
D. HW Personnel Training (CCR Sections 66265.16)				
1. Train employees in proper UW handling and emergency procedures. Can be done by giving written directions or posting directions in the UW management area of the building				

Failure to comply with requirements established in this inspection report and in all attachments to this report, or in subsequent correspondence may result in the issuance of a Notice of Noncompliance. Noncompliance is punishable by criminal and/or civil penalties under applicable local, state and/or federal laws or regulations.

6/26/2007

Received by: _____ Signature of facility Representative Printed Name Date of Inspection

Return to Compliance: I certify that all the above noted **Minor** violations have been corrected
 Name: _____ Signature: _____ Date: _____

UNDERGROUND STORAGE TANK INSPECTION CHECKLIST

Facility Name: Geno's Country Store	Address: 1000 North Vasco Rd., Livermore
Inspector: Danielle Stefani	Were violations found? No <input type="checkbox"/> . Yes <input checked="" type="checkbox"/> see below
<input type="checkbox"/> Inspector will mail copy of this inspection report to the tank owner at:	

General Requirements

All Tanks, total number: 3

Tank:

	Viol.	Comments
A. Site Administration		
1. Submit/revise Facility and Tank UST forms	<input checked="" type="checkbox"/>	Page 2 of the tank form. Repeat viol.
2. Submit/revise Cert. of Compliance Form for Installation	<input type="checkbox"/>	
3. Submit/revise Financial Responsibility paperwork	<input checked="" type="checkbox"/>	Update. Repeat viol.
4. Submit written contract between owner and operator	<input type="checkbox"/>	
5. Obtain valid UST operating permit	<input type="checkbox"/>	
6. Submit/revise facility plot plan showing UST systems	<input checked="" type="checkbox"/>	Provide map with required features. Repeat viol.
7. Submit/revise routine Monitoring Procedure	<input checked="" type="checkbox"/>	Submit. Repeat viol.
8. Submit/revise Release Response Plan	<input checked="" type="checkbox"/>	Submit. Repeat viol.
9. Document alarms, releases, and maintenance records	<input checked="" type="checkbox"/>	See narrative below. Repeat viol.
10. Document tightness tests comply with state regs	<input type="checkbox"/>	
11. Provide annual calibration/testing records for leak detection equipment in required format	<input checked="" type="checkbox"/>	Records for 2004 and 2005 needed. Repeat violation.
12. Provide monitoring system annual certification tag	<input type="checkbox"/>	
13. Provide certificate of training for monitoring system tester	<input type="checkbox"/>	
14. W/in 1,000 ft. of well: Y <input type="checkbox"/> N <input checked="" type="checkbox"/> , Date Notified: Provide enhanced leak detection	<input type="checkbox"/>	
B. System Maintenance and Operation		
1. Remove product from sumps, dispenser pans	<input type="checkbox"/>	
2. Find and repair leak(s)	<input type="checkbox"/>	
3. Provide cathodic protection sys. inspection documentation	<input type="checkbox"/>	
4. Provide required inspections for lined tanks	<input type="checkbox"/>	
5. Secure monitoring wells	<input type="checkbox"/>	
6. Repair monitoring system	<input checked="" type="checkbox"/>	Done 8/16/2006 but unresolved still violations exit. See report 8/16/2006. Repeat viol.
7. Cease placing panel in "silence" mode	<input checked="" type="checkbox"/>	Repeat viol.
8. Provide dispenser pans.	<input type="checkbox"/>	
9. Provide/repair dispenser pan monitoring	<input type="checkbox"/>	
10. Repair tank system	<input type="checkbox"/>	
11. Replace turbine sump gasket(s)	<input checked="" type="checkbox"/>	Repeat violation.
12. Provide required secondary containment testing	<input type="checkbox"/>	

Received by _____ Signature of Facility Representative	_____ Printed Name	6/26/2007 Date of Inspection
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Underground Storage Tank Inspection - Additional Comments

Site Administration

A.9. State regulations require that a written log be kept documenting all monitoring system alarms, tank and piping system repairs, etc. This log is not being maintained at this site. Repeat violation.

A.11. Monitoring system testing 8/16/2006 found problems with the monitoring system. Fix and retest the monitoring system. During last inspection monitoring system certification records for 2004 and 2005 were requested. To date they have not been submitted. Repeat violation.

Because automatic shut-down of the UST system is not provided (for alarms and monitoring system disconnection), annual tightness testing of piping is required. Documentation for 2003 - 2006 testing was requested during the 2005 inspection. No documentation has been provided to date. Repeat violation.

System Maintenance and Operation

Spill container testing 8/16/2006 resulted in "Fail" for all three spill buckets. Fix and retest spill buckets. During last inspection spill bucket testing records for 2004 and 2005 were requested. To date they have not been submitted. Repeat violation.

Designated Operator reports prior to November 2005 were not available. In addition, our file does not contain the required notice identifying the Designated Operator nor the required Owner Certification regarding understanding of and compliance with the states underground tank laws and regulations. Please provide: Designater Operator Statement, Owner Certification, and Designated Operator reports for January thru October 2005. Repeat violation.

Facility Name: Geno's Country Rd.	Address: 1000 North Vasco, Livermore
Inspector: Danielle Stefani	Were violations found? No <input type="checkbox"/> , Yes <input checked="" type="checkbox"/> , see below

Monitoring of Double Walled Tanks and Piping

All Tanks, total number:

Tank:

	Viol.	Comments
C. Double Walled Tank and Pipe Monitors (gravity, suction and pressure piping)		<input checked="" type="checkbox"/> Check if applicable
1. Provide continuous monitor with audible and visual alarms (annular space, sumps, dispenser pans)	<input type="checkbox"/>	
2. Relocate sump sensor to proper level	<input type="checkbox"/>	

	Viol.	Comments
----- Double-walled pressure piping ----- In additional to secondary containment monitoring, one of the following three options must be provided		
D. Option 1		<input checked="" type="checkbox"/> Check if applicable
1. Provide line leak detector at 3.0 gph at 10 psi	<input type="checkbox"/>	
2. Provide documentation of annual service of line leak detector	<input checked="" type="checkbox"/>	
3. Provide at least annual tightness test at 0.1 gph at 150% working pressure (electronic LLD or precision test)	<input checked="" type="checkbox"/>	
E. Option 2		<input type="checkbox"/> Check if applicable
1. Have secondary containment monitor shut off turbine on detection of leak (in addition to alarms)	<input type="checkbox"/>	
2. Provide at least annual tightness test at 0.1 gph at 150% working pressure. (electronic LLD or precision test)	<input type="checkbox"/>	
3. Provide documentation of annual service for line leak detector, if line leak detector used to provide 0.1 gph test	<input type="checkbox"/>	
F. Option 3		<input type="checkbox"/> Check if applicable
1. Have secondary containment monitor shut off turbine on detection of leak and if the monitoring system fails or is disconnected (in addition to alarms) Note: the turbine shut off feature is not required on emergency generators if the monitoring system is checked daily. (Can test this feature by shutting of breaker).	<input type="checkbox"/>	
2. Label breaker serving monitoring system (if breaker used to test failsafe feature).	<input type="checkbox"/>	

Note: see CCR Title 23 Section 2636 for a discussion when vent, riser, vapor recovery, and suction piping are exempt from secondary containment (and thus monitoring of secondary containment). For this piping see the monitoring requirements for single walled pipe.

Received by: Signature of Facility Representative	<u>Matt Macado</u> Printed Name	<u>6/26/2007</u> Date of Inspection
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Section B

September 21, 2006

Matt Macedo
Geno's County Store
1000 North Vasco Rd.
Livermore, CA 94551

Subject: Annual Inspection of March 3, 2006 and Follow Up Inspection of August 16, 2006

Dear Mr. Macedo:

I have reviewed the documents you submitted in response to my March 3, 2006 inspection and the reports from Walton Engineering concerning the secondary containment testing, annual monitoring system certification, and spill bucket testing they performed a few months ago. I have summarized below the results of my re-inspection on August 16, 2006 and this document review.

Issue	Status based on 8/16/2006 re-inspection and documents submitted to date	Required Action
Spill bucket test for 2006	The test was conducted for 2006. All three spill buckets failed.	Repair/replace and retest buckets. Contractor to obtain any required permits and inspections.
Spill bucket tests for 2004 and 2005	Last prior year on file is 2003.	Submit documentation for 2004 and 2005
Annual monitoring system certification for 2006	Work was conducted for 2006. Two of the problems noted were not fixed during the certification.	See below.
Annual monitoring system certifications for 2004 and 2005	Last prior year on file is 2003.	Submit documentation for 2004 and 2005.
Sensor L4 is in alarm. It appears to be a wiring problem.	Unresolved.	Correct problem. Submit documentation of the correction and retest.
Turbine 87 appears to have an electrical problem related to activation of the line leak detector.	Unresolved.	Correct problem. Submit documentation of the correction and retest.
Annual 0.1 gallon per hour line test	No documentation on file.	Submit documentation for 2006 through 2003.
Chairs partially blocking exit	Were blocking exit during re-inspection.	Exits must be maintained clear at all times.
Storage closer than 18" to fire sprinkler head in storage room	Storage too close to fire sprinkler during re-inspection.	Storage must be maintained at least 18" below fire sprinkler heads.
HMBP certification	Received.	--
UST Tank forms	Not Received.	Submit.
UST Financial Responsibility Documentation	Not Received.	Submit.
UST site plan	Received, but incomplete. Must show "locations where	Submit complete map.

3560 Nevada Street, Pleasanton, CA 94566

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(925) 454-2361
Fax 249-2397

Fire Prevention Bureau
(925) 454-2361
Fax 454-2367

	monitoring will be performed." Items needed but not shown include locations of monitoring panel, sensors, line leak detectors, dispenser pan detection, and piping.	
UST Monitoring Plan	Not Received	Submit.
UST Response Plan	Not Received	Submit.
UST Alarm log	No log existed at the time of the inspection	Obtain/create an alarm log and make available for inspection.
Designated Operator Notification	Not Received	Submit.
Owner Certification Statement	Not Received	Submit.
Designated Operator Reports	Not all required reports were available on-site	Submit copies for January 2005 through October 2005.

Please be aware that the above summary includes significant violations of state underground storage tank law and regulations. In order to ensure that our program is consistent with other programs through out the state, that there is a level playing field for all businesses in our community, and to increase the effectiveness of our program, the enforcement component has become more aggressive than in the past. I urge you to aggressively pursue compliance and the demonstration of that compliance.

Please do not hesitate to call me if you have any questions or need assistance.

Sincerely,

Danielle Stefani
Hazardous Materials Coordinator

LIVERMORE-PLEASANTON FIRE DEPARTMENT

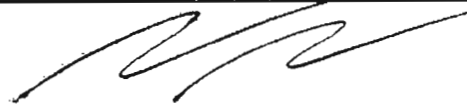
INSPECTION REPORT
NARRATIVE

Name of Facility: <u>Gend's</u>	Address: <u>1000 N. VASCO</u>	<u>(Liv)</u> Pleas.
Inspector: <u>Detefani</u>		

Reinspection for March 3 2006 inspection and Site Visit. Observed Walton Engineering do annual monitoring system Certification and spill bucket testing

Walton's written Report will follow.

- Matt Macedo said that he had dropped off at the FPB office a package containing documentation required during March 2006 inspection. Paperwork is not in the file. I will check other places in the office.
- Bravo boxes - Several chains were loose. Also noted in March 2006 inspection
- Spill buckets failed - must be fixed as soon as possible
- Annular Space Sensor LH still in alarm. Wiring problem suspected. Must be fixed as soon as possible
- Line leak detectors passed ~~but~~ ^{AS} However, 87 Turbin contacts field open by what appears to be an electrical problem
- Annual lime test at 0.1 gph not done yet. Noted in March 2006 inspection
- Keep electrical panel accessible - was blocked by storage today
- Waste labels in place
- Exit still blocked by chairs
- Storage still < 18" from sprinklers in storage room

	Matt Macedo	8/16/06
Received by: Signature of Facility Representative	Printed Name	Date of Inspection

GENOS
1000 N. VASCO RD
②

Stefani, Danielle

From: Stefani, Danielle
Sent: Monday, July 28, 2008 5:18 PM
To: 'genosinc@pacbell.net'
Cc: Deaver, Scott
Subject: Canopy fire sprinkler supply lines

TAB C

Hi - I spoke to Scott Deaver, Fire Marshal, about this issue. He says that the requirements would be effected by the layout of the system. If you or your contractor can give Scott a diagram of the underground lines, including valves, then he can provide more direction. sdeaver@lfire.org 925-454-2330

Danielle Stefani

Hazardous Materials Coordinator
Livermore-Pleasanton Fire Department
3560 Nevada St.
Pleasanton, CA 94566

925-454-2338 office
925-454-2367 fax

Stefani, Danielle

From: Vanderheiden, Andy [aavanderheiden@ci.livermore.ca.us]
Sent: Friday, July 25, 2008 9:09 AM
To: Stefani, Danielle
Subject: RE: 1000 N. Vasco Rd Geno's County Store

Danielle,

Matt is finalizing his plans...prior to obtaining his permit. He has been given a couple of courtesy inspections...I will ask Doug martin to stop by and check on status of his permit submittal.

Andy Vanderheiden
Inspection and Neighborhood Preservation Manager
Building/ Community Development
City of Livermore
(925) 960-4420
aavanderheiden@ci.livermore.ca.us

<file:///C:/Documents%20and%20Settings/aavanderheiden/Application%20Data/Microsoft/Signatures/livermore-logo-RGB.gif>

From: Stefani, Danielle [<mailto:DStefani@lpfire.org>]
Sent: Friday, July 25, 2008 9:06 AM
To: Vanderheiden, Andy
Subject: 1000 N. Vasco Rd Geno's County Store

Hi - Geno's has shut down their gas fueling facilities. They are expanding the restaurant into the mini-mart area and building a new bathroom. I asked Matt Machado if they had a building permit and his response was a little vague. I looked but did not see permits in the system. Also, regarding the fuel system, I told the owner and the contractor that they needed to meet all Building Dept. requirements, including permits. Thanks.

Danielle Stefani

Hazardous Materials Coordinator
Livermore-Pleasanton Fire Department
3560 Nevada St.
Pleasanton, CA 94566

925-454-2338 office
925-454-2367 fax



June 2, 2006

Matt Macedo
Geno's Country Store
1000 N Vasco Rd.
Livermore CA 94550

Subject: SECOND NOTICE of VIOLATION: Hazardous Materials Business Plan Review
1000 N. Vasco Rd., Livermore

Attention Matt Macedo:

A month ago I sent you a letter regarding the required review and update of your Hazardous Materials Business Plan.

As my first letter indicated, your facility has a Hazardous Materials Business Plans (HMBP) on file with the Fire Department. State law requires that HMBPs be reviewed periodically and kept current, including the annual submission of either an updated HMBP or a recertification statement.

Our records indicate that we have not yet received this documentation for 2006. The following actions are needed to bring your facility into compliance with the Hazardous Materials Business Plan updating requirements:

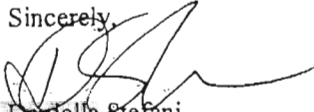
- 1) review your HMBP
- 2) complete a HMBP Review and Certification form (included in my first letter)
- 3) make any needed corrections/updates to your HMBP
- 4) submit to the Fire Department the signed copies of the HMBP Review and Certification form and any HMBP sections which need to be updated

If changes have been made to a section (i.e. Facility Contact Information, Inventory Statement, Training Plan, etc.), please resubmit the entire section. We do not have the staff resources to replace individual pages within sections.

Please be aware that state law provides significant penalties - up to \$5,000.00 per day - for failure to comply with Hazardous Materials Business Plan requirements. Please submit the required documentation within 30 days of the date of this letter.

If you have any questions or need any assistance, please contact me at 925-454-2338 or dstefani@lpfire.org. If you would like Word versions of the forms, please send me an email.

Sincerely,


Danielle Stefani
Hazardous Materials Coordinator

3560 Nevada Street, Pleasanton, CA 94566
Administration & Suppression
(925) 454-2361
Fax 249-2397

Fire Prevention Bureau
(925) 454-2361
Fax 454-2367



March 15, 2006

Matt Macedo
Geno's Country Store
1000 N Vasco Rd.
Livermore CA 94550

Subject: Hazardous Materials Business Plan Review
1000 N Vasco Rd., Livermore

Attention Matt Macedo:

Your facility has a Hazardous Materials Business Plan (HMBP) on file with the Fire Department. State law requires that HMBPs be reviewed periodically and kept current, including the annual submission of either an updated HMBP or a recertification statement. This annual submission is due by March 1 of each year.

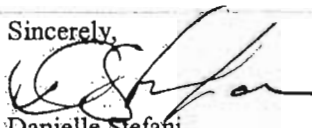
Our records indicate that we have not yet received this documentation for 2006. The following actions are needed to bring your facility into compliance with the Hazardous Materials Business Plan updating requirements:

- 1) review your HMBP
- 2) complete the enclosed HMBP Review and Certification form
- 3) submit to the Fire Department the HMBP Review and Certification form and any HMBP sections that need to be updated.

If changes have been made to a section (i.e. Training Plan or Emergency Response Plan or Maps) please resubmit the entire section. We do not have the staff resources to replace individual pages within sections.

If you have any questions or need any assistance, please call me at 925-454-2338 or dstefani@lpfire.org. If you would like MS Word versions of the forms, please send me an email at psmith@lpfire.org.

Sincerely,


Danielle Stefani
Hazardous Materials Coordinator

Encl.: HMBP Review and Certification Form

3560 Nevada Street, Pleasanton, CA 94566

Administration & Suppression
(925) 454-2361
Fax 249-2397

Fire Prevention Bureau
(925) 454-2361
Fax 454-2367



June 9, 2004

Matt Macedo
Geno's Country Store
1000 N Vasco Rd.
Livermore, CA 94550

Subject: Designated Underground Storage Tank Operator
1000 N Vasco Rd., Livermore

The enclosed flier explains the upcoming requirement for "Designated Underground Storage Tank Operator". Owners of underground storage tanks are responsible for complying with this requirement by January 1, 2005.

If you have any questions, or need additional assistance, please contact me directly at (925) 454-2338 or dstefani@lpfire.org.

Sincerely,

A handwritten signature in black ink, appearing to read 'Danielle Stefani', is written over a horizontal line.

Danielle Stefani
Hazardous Materials Coordinator

Enclosure: State Water Resources Control Board Flier

3560 Nevada Street, Pleasanton, CA 94566

Administration & Suppression
(925) 454-2361
Fax 249-2397

Fire Prevention Bureau
(925) 454-2361
Fax 454-2367

1000 N Vasco Rd
Livermore

Stefani, Danielle

From: Stefani, Danielle
Sent: Thursday, January 15, 2004 4:35 PM
To: 'genosinc@pacbell.net'
Subject: To Dave regarding the Fire/CUPA Inspection

Hi - Here are the inspection reports I will be using. We will do a walk through and will need to open the dispensers and sumps. I will review all the paperwork mentioned in the inspection reports: UST financial responsibility, HMBP, etc. Please



CM.5.1 CUPA Insp Report Summa... CM.5.10.CUPA Fire Inspection C... CM.5.2.1 HMBP Checklist.doc CM.5.2.2 HMBP Checklist Back P... CM.5.3 .1UST Checklists.doc

let me know if you have any questions.



CM.5.3.2 UST Checklist Back Pa... CM.5.4.1 HWChecklist.doc CM.5.4.2 /Checklist Back Pag

Danielle Stefani
Hazardous Materials Coordinator
Livermore-Pleasanton Fire Department
3560 Nevada St.
Pleasanton, CA 94566

925-454-2338 office
925-454-2367 fax



April 22, 2003

Matt Macedo
Geno's Country Store
1000 N Vasco Rd.
Livermore, CA 94550

Subject: SB 989 Underground Storage Tank Secondary Containment Testing
1000 N Vasco Rd., Livermore

This letter follow up on secondary containment testing results that we received for this site. The test results indicate that one or more secondary containment component(s) failed the test. A review of our records indicates that we have no documentation concerning repair of the failed component(s).

Please follow up immediately with one on the following actions:

1. If the secondary containment component(s) have been repaired and re-tested, please submit a description of the repairs made and the associated test results.
2. If the secondary containment has not been repaired and retested or it cannot be repaired and retested, submit a workplan that outlines the repairs to be made and the proposed timeframes.
3. If the tank system(s) will be permanently closed, submit a closure plan application along with proposed timeframes.

If you have any questions, or need additional assistance, please contact me directly at (925) 454-2338 or dstefani@lpfire.org.

Sincerely,

Danielle Stefani
Hazardous Materials Coordinator

3560 Nevada Street, Pleasanton, CA 94566

Administration & Suppression
(925) 454-2361
Fax 249-2397

Fire Prevention Bureau
(925) 454-2361
Fax 454-2367



EUGENE MACEDO
GENO'S COUNTRY STORE
1000 N VASCO RD.
LIVERMORE

March 3, 2000

Dear Underground Tank Owner:

Senate Bill 989 was recently signed into law in response to concerns regarding MTBE. This law contains a variety of provisions related to underground tanks.

The law contains several provisions, which will directly effect tank owners and operators. The purpose of this letter is to provide you with a summary of these provisions.

Senate Bill 989 – Summary of Provisions

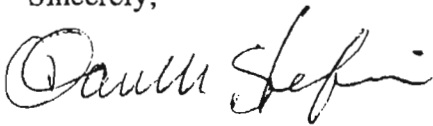
1. Enhanced leak detection will be required for single wall components within 1,000 feet of a public drinking water well.
 - The SWQCB must develop regulations regarding the requirements for enhanced leak detection.
 - The SWQCB will notify the Fire Department and the tank owners as to which sites are subject to this requirement.
 - Tank owners must comply by 11/1/2000.
2. The SWQCB must adopt regulations which require:
 - periodic testing of under dispenser sumps and turbine sumps.
 - annual testing of release detection sensors and alarms.
 - owners, operators, service technicians, installers and inspectors to meet industry training standards and tank facilities to be operated following industry established best management practices.
3. Under dispenser containment must be installed on tanks installed after 7/1/87 by:
 - 7/1/2001 for tanks within 1,000 feet from a public drinking well
 - 12/31/2003 for all tanks
4. By 1/01/2002 anyone who installs, maintains, repairs or calibrates monitoring equipment must be trained according to specified standards and must have one of the following contractors licenses: Class A, C-16, C-34, C-36 or C-61. Owners are not prohibited from maintaining, repairing or replacing their own systems but if a third party is hired they must have the required license.

5. The Fire Department must inspect underground tank facilities annually.
6. The owner, permit holder, and the operator must all receive a copy of the Fire Department's inspection report.
7. Operators are now liable for penalties of \$500 - \$5,000 per day for tampering with or disabling a leak detection device or alarm.
8. Operators are now liable for penalties of \$5,000 - \$10,000 per day and/or one year in jail for tampering with or disabling a leak detection device or alarm in a manner that would prevent the system from detecting a leak or alerting the owner or operator of a leak .
9. Within 60 days of receiving a Fire Department inspection, the tank owner/operator must file a plan with the local agency explaining how the report's recommendations will be implemented or why they should not be.

We will continue to follow developments regarding these issues and to provide you with information concerning these topics as it becomes available.

If you have any questions, please call me at 925-454-2338.

Sincerely,



Danielle Stefani
Hazardous Materials Coordinator

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A



COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM NEW PERMIT 3 RENEWAL PERMIT 6 CHANGE OF INFORMATION 7 PERMANENTLY CLOSED SITE
 2 INTERIM PERMIT 4 AMENDED PERMIT 5 TEMPORARY SITE CLOSURE

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME <i>Geno's Country Store</i>		NAME OF OPERATOR <i>Picerna + Shirley Macedo</i>		
ADDRESS <i>1000 N. Vasco Rd</i>		NEAREST CROSS STREET <i>Interstate 580</i>	PARCEL # (OPTIONAL) <i>(510) 449-3834</i>	
CITY NAME <i>Livermore</i>		STATE <i>CA</i>	ZIP CODE <i>94550</i>	SITE PHONE # WITH AREA CODE <i>(510) 449-3841</i>
<input checked="" type="checkbox"/> BOX TO INDICATE <input checked="" type="checkbox"/> CORPORATION <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> LOCAL AGENCY DISTRICTS* <input type="checkbox"/> COUNTY AGENCY* <input type="checkbox"/> STATE AGENCY* <input type="checkbox"/> FEDERAL AGENCY*				
* If owner of UST is a public agency, complete the following: name of Supervisor of division, section, or office which operates the UST _____				
TYPE OF BUSINESS <input checked="" type="checkbox"/> 1 GAS STATION <input type="checkbox"/> 2 DISTRIBUTOR <input type="checkbox"/> 3 FARM <input type="checkbox"/> 4 PROCESSOR <input type="checkbox"/> 5 OTHER		<input type="checkbox"/> IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE <i>3</i>	E. P. A. I. D. # (optional) <i>(510) 449-3841</i>

EMERGENCY CONTACT PERSON (PRIMARY)

EMERGENCY CONTACT PERSON (SECONDARY) - optional

DAYS: NAME (LAST, FIRST) <i>Same AS operator</i>	PHONE # WITH AREA CODE	DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
NIGHTS: NAME (LAST, FIRST) <i>Same AS operator</i>	PHONE # WITH AREA CODE	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME <i>Eugene + Shirley Macedo</i>		CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS <i>5470 Benuec Lane</i>		<input checked="" type="checkbox"/> box to indicate <input checked="" type="checkbox"/> INDIVIDUAL <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> STATE AGENCY	<input type="checkbox"/> CORPORATION <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> COUNTY AGENCY <input type="checkbox"/> FEDERAL AGENCY	
CITY NAME <i>Yron</i>		STATE <i>CA</i>	ZIP CODE <i>94574</i>	PHONE # WITH AREA CODE <i>(510) 634-8105</i>

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER <i>Same AS Above</i>		CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS		<input checked="" type="checkbox"/> box to indicate <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> STATE AGENCY	<input type="checkbox"/> CORPORATION <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> COUNTY AGENCY <input type="checkbox"/> FEDERAL AGENCY	
CITY NAME		STATE	ZIP CODE	PHONE # WITH AREA CODE

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 322-9669 if questions arise.

TY (TK) HQ *44-000426*

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) - IDENTIFY THE METHOD(S) USED

box to indicate 1 SELF-INSURED 2 GUARANTEE 3 INSURANCE 4 SURETY BOND
 5 LETTER OF CREDIT 6 EXEMPTION 99 OTHER

VI. LEGAL NOTIFICATION AND BILLING ADDRESS Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. II. III.

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

OWNER'S NAME (PRINTED & SIGNED) <i>Eugene A. Macedo</i>	OWNER'S TITLE <i>Pres CEO</i>	DATE MONTH/DAY/YEAR <i>7/17/04</i>
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LOCAL AGENCY USE ONLY

COUNTY # <i>01</i>	JURISDICTION # <i>000</i>	FACILITY # <i>043283</i>
ON CODE - OPTIONAL	CENSUS TRACT # - OPTIONAL	SUPVISOR - DISTRICT CODE - OPTIONAL

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

OWNER MUST FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM

<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input checked="" type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input type="checkbox"/> 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: Don's Country Store, Livermore

I. TANK DESCRIPTION COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D. #	B. MANUFACTURED BY: <u>TUUGLO</u>
C. DATE INSTALLED (MO/DAY/YEAR) <u>Oct 1994</u>	D. TANK CAPACITY IN GALLONS: <u>15000</u>

II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.

A. <input checked="" type="checkbox"/> 1 MOTOR VEHICLE FUEL	<input type="checkbox"/> 4 OIL	B. <input checked="" type="checkbox"/> 1 PRODUCT	C. <input checked="" type="checkbox"/> 1a REGULAR UNLEADED	<input type="checkbox"/> 3 DIESEL	<input type="checkbox"/> 6 AVIATION GAS
<input type="checkbox"/> 2 PETROLEUM	<input type="checkbox"/> 80 EMPTY	<input type="checkbox"/> 2 WASTE	<input type="checkbox"/> 1b PREMIUM UNLEADED	<input type="checkbox"/> 4 GASAHOL	<input type="checkbox"/> 7 METHANOL
<input type="checkbox"/> 3 CHEMICAL PRODUCT	<input type="checkbox"/> 95 UNKNOWN		<input type="checkbox"/> 2 LEADED	<input type="checkbox"/> 5 JET FUEL	<input type="checkbox"/> 99 OTHER (DESCRIBE IN ITEM D BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED _____ C.A.S.# _____

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM	<input checked="" type="checkbox"/> 1 DOUBLE WALL	<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER	<input type="checkbox"/> 95 UNKNOWN
	<input type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK)	<input type="checkbox"/> 99 OTHER
B. TANK MATERIAL (Primary Tank)	<input type="checkbox"/> 1 BARE STEEL	<input type="checkbox"/> 2 STAINLESS STEEL	<input type="checkbox"/> 3 FIBERGLASS
	<input type="checkbox"/> 5 CONCRETE	<input type="checkbox"/> 6 POLYVINYL CHLORIDE	<input type="checkbox"/> 7 ALUMINUM
	<input type="checkbox"/> 9 BRONZE	<input type="checkbox"/> 10 GALVANIZED STEEL	<input type="checkbox"/> 95 UNKNOWN
			<input checked="" type="checkbox"/> 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC
			<input checked="" type="checkbox"/> 8 100% METHANOL COMPATIBLE W/FRP
			<input type="checkbox"/> 99 OTHER
C. INTERIOR LINING	<input type="checkbox"/> 1 RUBBER LINED	<input type="checkbox"/> 2 ALKYD LINING	<input type="checkbox"/> 3 EPOXY LINING
	<input type="checkbox"/> 5 GLASS LINING	<input type="checkbox"/> 6 UNLINED	<input type="checkbox"/> 95 UNKNOWN
			<input type="checkbox"/> 4 PHENOLIC LINING
			<input type="checkbox"/> 99 OTHER
	IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
D. CORROSION PROTECTION	<input type="checkbox"/> 1 POLYETHYLENE WRAP	<input type="checkbox"/> 2 COATING	<input type="checkbox"/> 3 VINYL WRAP
	<input type="checkbox"/> 5 CATHODIC PROTECTION	<input type="checkbox"/> 91 NONE	<input type="checkbox"/> 95 UNKNOWN
			<input checked="" type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC
			<input type="checkbox"/> 99 OTHER
E. SPILL AND OVERFILL	SPILL CONTAINMENT INSTALLED (YEAR) <u>1994</u>		OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) <u>1994</u>

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A U 1 SUCTION	A U 2 PRESSURE	A U 3 GRAVITY	A U 99 OTHER
B. CONSTRUCTION	A U 1 SINGLE WALL	A U 2 DOUBLE WALL	A U 3 LINED TRENCH	A U 95 UNKNOWN
				A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION	A U 1 BARE STEEL	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL W/ COATING	A U 8 100% METHANOL COMPATIBLE W/FRP
	A U 9 GALVANIZED STEEL	A U 10 CATHODIC PROTECTION	A U 95 UNKNOWN	A U 99 OTHER
D. LEAK DETECTION	<input checked="" type="checkbox"/> 1 AUTOMATIC LINE LEAK DETECTOR	<input type="checkbox"/> 2 LINE TIGHTNESS TESTING	<input checked="" type="checkbox"/> 3 INTERSTITIAL MONITORING	<input type="checkbox"/> 99 OTHER

V. TANK LEAK DETECTION

<input type="checkbox"/> 1 VISUAL CHECK	<input type="checkbox"/> 2 INVENTORY RECONCILIATION	<input type="checkbox"/> 3 VADOZE MONITORING	<input type="checkbox"/> 4 AUTOMATIC TANK GAUGING	<input type="checkbox"/> 5 GROUND WATER MONITORING
<input type="checkbox"/> 6 TANK TESTING	<input checked="" type="checkbox"/> 7 INTERSTITIAL MONITORING	<input type="checkbox"/> 91 NONE	<input type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR) <u>Oct 1994</u>	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING <u>0</u> GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
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THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) Ricky J. Harris DATE 7/17/08

LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	<u>011</u>	<u>0100</u>	<u>043283</u>	<u>000005</u>
FILE NUMBER	PERMIT APPROVED BY/DATE		PERMIT EXPIRATION DATE	

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM 1 NEW PERMIT 2 INTERIM PERMIT 3 RENEWAL PERMIT 4 AMENDED PERMIT 5 CHANGE OF INFORMATION 6 TEMPORARY TANK CLOSURE 7 PERMANENTLY CLOSED UNK. 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: Genco Country Store, Livermore

I. TANK DESCRIPTION COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D.# B. MANUFACTURED BY: TRUSCO
C. DATE INSTALLED (MO/DAY/YEAR) Oct 1994 D. TANK CAPACITY IN GALLONS: 15,000

II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.

A. 1 MOTOR VEHICLE FUEL 2 PETROLEUM 3 CHEMICAL PRODUCT 4 OIL 80 EMPTY 95 UNKNOWN
B. 1 PRODUCT 2 WASTE
C. 1a REGULAR UNLEADED 3 DIESEL 6 AVIATION GAS
 1b PREMIUM UNLEADED 4 GASAHOL 5 JET FUEL 7 METHANOL
 2 LEADED 99 OTHER (DESCRIBE IN ITEM D BELOW)
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED _____ C.A.S.# _____

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM 1 DOUBLE WALL 2 SINGLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 4 SECONDARY CONTAINMENT (VAULTED TANK) 95 UNKNOWN 99 OTHER
B. TANK MATERIAL (Primary Tank) 1 BARE STEEL 2 STAINLESS STEEL 3 FIBERGLASS 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC
 5 CONCRETE 6 POLYVINYL CHLORIDE 7 ALUMINUM 8 100% METHANOL COMPATIBLE W/FRP
 9 BRONZE 10 GALVANIZED STEEL 95 UNKNOWN 99 OTHER
C. INTERIOR LINING 1 RUBBER LINED 2 ALKYD LINING 3 EPOXY LINING 4 PHENOLIC LINING
 5 GLASS LINING 6 UNLINED 95 UNKNOWN 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES NO _____
D. CORROSION PROTECTION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC
 5 CATHODIC PROTECTION 91 NONE 95 UNKNOWN 99 OTHER
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) 1994 OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) 1994

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE A U 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER
B. CONSTRUCTION A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE
A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP
A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 95 UNKNOWN A U 99 OTHER
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL MONITORING 99 OTHER

V. TANK LEAK DETECTION

1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITORING
 6 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE 95 UNKNOWN 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR) Oct 1994 2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING GALLONS 3. WAS TANK FILLED WITH INERT MATERIAL? YES NO

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) Nicky J. Harris DATE 7/17/08

LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.# 011000 COUNTY # 011 JURISDICTION # 000 FACILITY # 043223 TANK # 000006
PERMIT NUMBER _____ PERMIT APPROVED BY/DATE _____ PERMIT EXPIRATION DATE _____

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM

<input checked="" type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input checked="" type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input type="checkbox"/> 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: Gen's Country Store, Livermore

I. TANK DESCRIPTION COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D. #	B. MANUFACTURED BY: <u>TRUSSCO</u>
C. DATE INSTALLED (MO/DAY/YEAR) <u>Oct 1994</u>	D. TANK CAPACITY IN GALLONS: <u>12,000</u>

II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.

A. <input checked="" type="checkbox"/> 1 MOTOR VEHICLE FUEL	<input type="checkbox"/> 4 OIL	B. <input checked="" type="checkbox"/> 1 PRODUCT	C. <input type="checkbox"/> 1a REGULAR UNLEADED	<input checked="" type="checkbox"/> 3 DIESEL	<input type="checkbox"/> 6 AVIATION GAS
<input type="checkbox"/> 2 PETROLEUM	<input type="checkbox"/> 80 EMPTY	<input type="checkbox"/> 2 WASTE	<input type="checkbox"/> 1b PREMIUM UNLEADED	<input type="checkbox"/> 4 GASAHOL	<input type="checkbox"/> 7 METHANOL
<input type="checkbox"/> 3 CHEMICAL PRODUCT	<input type="checkbox"/> 95 UNKNOWN		<input type="checkbox"/> 2 LEADED	<input type="checkbox"/> 5 JET FUEL	<input type="checkbox"/> 99 OTHER (DESCRIBE IN ITEM D BELOW)
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED					C. A. S. #

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM	<input checked="" type="checkbox"/> 1 DOUBLE WALL	<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER	<input type="checkbox"/> 95 UNKNOWN
	<input type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK)	<input type="checkbox"/> 99 OTHER
B. TANK MATERIAL (Primary Tank)	<input type="checkbox"/> 1 BARE STEEL	<input type="checkbox"/> 2 STAINLESS STEEL	<input type="checkbox"/> 3 FIBERGLASS
	<input type="checkbox"/> 5 CONCRETE	<input type="checkbox"/> 6 POLYVINYL CHLORIDE	<input type="checkbox"/> 7 ALUMINUM
	<input type="checkbox"/> 9 BRONZE	<input type="checkbox"/> 10 GALVANIZED STEEL	<input type="checkbox"/> 95 UNKNOWN
			<input checked="" type="checkbox"/> 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC
			<input checked="" type="checkbox"/> 8 100% METHANOL COMPATIBLE W/FRP
			<input type="checkbox"/> 99 OTHER
C. INTERIOR LINING	<input type="checkbox"/> 1 RUBBER LINED	<input type="checkbox"/> 2 ALKYD LINING	<input type="checkbox"/> 3 EPOXY LINING
	<input type="checkbox"/> 5 GLASS LINING	<input type="checkbox"/> 6 UNLINED	<input type="checkbox"/> 95 UNKNOWN
			<input type="checkbox"/> 4 PHENOLIC LINING
			<input type="checkbox"/> 99 OTHER
	IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
D. CORROSION PROTECTION	<input type="checkbox"/> 1 POLYETHYLENE WRAP	<input type="checkbox"/> 2 COATING	<input type="checkbox"/> 3 VINYL WRAP
	<input type="checkbox"/> 5 CATHODIC PROTECTION	<input type="checkbox"/> 91 NONE	<input type="checkbox"/> 95 UNKNOWN
			<input checked="" type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC
			<input type="checkbox"/> 99 OTHER
E. SPILL AND OVERFILL	SPILL CONTAINMENT INSTALLED (YEAR) <u>1994</u>		OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) <u>1994</u>

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A U 1 SUCTION	A <u>U</u> 2 PRESSURE	A U 3 GRAVITY	A U 99 OTHER
B. CONSTRUCTION	A U 1 SINGLE WALL	A <u>U</u> 2 DOUBLE WALL	A U 3 LINED TRENCH	A U 95 UNKNOWN A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION	A U 1 BARE STEEL	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A <u>U</u> 4 FIBERGLASS PIPE
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL W/ COATING	A <u>U</u> 8 100% METHANOL COMPATIBLE W/FRP
	A U 9 GALVANIZED STEEL	A U 10 CATHODIC PROTECTION	A U 95 UNKNOWN	A U 99 OTHER
D. LEAK DETECTION	<input checked="" type="checkbox"/> 1 AUTOMATIC LINE LEAK DETECTOR	<input type="checkbox"/> 2 LINE TIGHTNESS TESTING	<input checked="" type="checkbox"/> 3 INTERSTITIAL MONITORING	<input type="checkbox"/> 99 OTHER

V. TANK LEAK DETECTION

<input type="checkbox"/> 1 VISUAL CHECK	<input type="checkbox"/> 2 INVENTORY RECONCILIATION	<input type="checkbox"/> 3 VADOZE MONITORING	<input type="checkbox"/> 4 AUTOMATIC TANK GAUGING	<input type="checkbox"/> 5 GROUND WATER MONITORING
<input type="checkbox"/> 6 TANK TESTING	<input checked="" type="checkbox"/> 7 INTERSTITIAL MONITORING	<input type="checkbox"/> 91 NONE	<input type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR) <u>Oct 1994</u>	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING <u>0</u> GALLONS	3. WAS TANK FILLED WITH "INERT" MATERIAL? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
---	---	---

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) <u>Mark J Harris</u>	DATE <u>7/17/08</u>
---	---------------------

LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY # <u>01</u>	JURISDICTION # <u>0001</u>	FACILITY # <u>043283</u>	TANK # <u>000007</u>
PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE		

TRANSMITTAL OF MONITORING SYSTEM CERTIFICATION RESULTS

Test Date: September 6, 2007 at 9:30 a.m.

RECEIVED

OCT 01 2007

FIRE PREVENTION

To: (CUPA)
✓ Livermore-Pleasanton Fire Department Attn: UST Team 3560 Nevada Street Pleasanton, CA 94566

Facility:
Geno's Country Store Attn: Matt Macedo 1000 N. Vasco Road Livermore, CA 94551

Category of Certification:
<input checked="" type="checkbox"/> Monitoring System Certification
<input checked="" type="checkbox"/> Leak Detector Test
<input checked="" type="checkbox"/> Spill Container Test

Owner:
Geno's Country Stores, Inc. Attn: Matt Macedo 1000 North Vasco Road Livermore, CA 94551

Comments:
Enclosed are the results of the certification we performed in your district on the above date.
For questions regarding this report please contact: Dulcinea Webb 916-373-1166 Compliance@WaltonEngineering.Com
For technical questions please contact: Richard S. Walton 916-825-3203
cc: Geno's Country Stores, Inc.

MONITORING SYSTEM CERTIFICATION

MAKE / MODEL OF MONITORING SYSTEM: Gilbarco EMC

CERTIFICATION / TEST DATE: September 6, 2007

A1. FACILITY

Name: **Geno's Country Store**
 Address: **1000 N. Vasco Road, Livermore, CA 94551**
 Phone #: **925-449-3841**
 Contact: **Matt Macedo**

A2. OWNER

Name: **Geno's Country Stores, Inc.**
 Address: **1000 North Vasco Road, Livermore, CA 94551**
 Phone #: **925-449-3841**
 Contact: **Matt Macedo**

A3. C U P A

Name: **Livermore-Pleasanton Fire Department**
 Address: **3560 Nevada Street, Pleasanton, CA 94566**
 Notified: **August 31, 2007**
 Inspector: **None**
 Phone #: **925-454-2338**

A4. TESTING CONTRACTOR

Name: **Walton Engineering, Inc.**
 Address: **P.O. Box 1025, W. Sacramento, CA 95691**
 Lic #: **617238 A, B, Haz**
 Contact: **Richard Walton**
 Phone #: **916-825-3203**

B. INVENTORY OF EQUIPMENT TESTED/CERTIFIED (Check the appropriate boxes to indicate equipment inspected/serviced)

B1: TANKS

Tank #1 (Product): Gasoline - 87

<input checked="" type="checkbox"/> In-Tank Gauging Probe	Model: 0847390-109
<input checked="" type="checkbox"/> Annular Space or Vault Sensor	Model: 0794390-420
<input checked="" type="checkbox"/> Piping Sump / Trench Sensor(s)	Model: 0794380-208
<input type="checkbox"/> Fill Sump Sensor(s)	Model: _____
<input checked="" type="checkbox"/> Mechanical Line Leak Detector	Model: Vaporless 99LD-2000
<input type="checkbox"/> Electronic Line Leak Detector	Model: _____
<input type="checkbox"/> Tank Overfill / High-Level Sensor	Model: _____
<input type="checkbox"/> Other (specify equipment in Section E)	Model: _____

Tank #2 (Product): Gasoline - 91

<input checked="" type="checkbox"/> In-Tank Gauging Probe	Model: 0847390-109
<input checked="" type="checkbox"/> Annular Space or Vault Sensor	Model: 0794390-420
<input checked="" type="checkbox"/> Piping Sump / Trench Sensor(s)	Model: 0794380-208
<input type="checkbox"/> Fill Sump Sensor(s)	Model: _____
<input checked="" type="checkbox"/> Mechanical Line Leak Detector	Model: Vaporless 99LD-2000
<input type="checkbox"/> Electronic Line Leak Detector	Model: _____
<input type="checkbox"/> Tank Overfill / High-Level Sensor	Model: _____
<input type="checkbox"/> Other (specify equipment in Section E)	Model: _____

Tank #3 (Product): Diesel

<input checked="" type="checkbox"/> In-Tank Gauging Probe	Model: 0847390-109
<input checked="" type="checkbox"/> Annular Space or Vault Sensor	Model: 0794390-420
<input checked="" type="checkbox"/> Piping Sump / Trench Sensor(s)	Model: 0794380-208
<input type="checkbox"/> Fill Sump Sensor(s)	Model: _____
<input checked="" type="checkbox"/> Mechanical Line Leak Detector	Model: Vaporless 99LD-2000
<input type="checkbox"/> Electronic Line Leak Detector	Model: _____
<input type="checkbox"/> Tank Overfill / High-Level Sensor	Model: _____
<input type="checkbox"/> Other (specify equipment in Section E)	Model: _____

Tank #4 (Product):

<input type="checkbox"/> In-Tank Gauging Probe	Model: _____
<input type="checkbox"/> Annular Space or Vault Sensor	Model: _____
<input type="checkbox"/> Piping Sump / Trench Sensor(s)	Model: _____
<input type="checkbox"/> Fill Sump Sensor(s)	Model: _____
<input type="checkbox"/> Mechanical Line Leak Detector	Model: Vaporless 99LD-2000
<input type="checkbox"/> Electronic Line Leak Detector	Model: _____
<input type="checkbox"/> Tank Overfill / High-Level Sensor	Model: _____
<input type="checkbox"/> Other (specify equipment in Section E)	Model: _____

B2: DISPENSERS/UDC's

Dispenser # : 1-2

<input type="checkbox"/> Dispenser Containment Sensor(s)	Model: _____
<input checked="" type="checkbox"/> Shear Valves	
<input checked="" type="checkbox"/> Dispenser Containment Float(s) and Chain(s)	

Dispenser # : 3-4

<input type="checkbox"/> Dispenser Containment Sensor(s)	Model: _____
<input checked="" type="checkbox"/> Shear Valves	
<input checked="" type="checkbox"/> Dispenser Containment Float(s) and Chain(s)	

Dispenser # : 5-6

<input type="checkbox"/> Dispenser Containment Sensor(s)	Model: _____
<input checked="" type="checkbox"/> Shear Valves	
<input checked="" type="checkbox"/> Dispenser Containment Float(s) and Chain(s)	

Dispenser # : 7-8

<input type="checkbox"/> Dispenser Containment Sensor(s)	Model: _____
<input checked="" type="checkbox"/> Shear Valves	
<input checked="" type="checkbox"/> Dispenser Containment Float(s) and Chain(s)	

Dispenser # : 9-10

<input type="checkbox"/> Dispenser Containment Sensor(s)	Model: _____
<input checked="" type="checkbox"/> Shear Valves	
<input checked="" type="checkbox"/> Dispenser Containment Float(s) and Chain(s)	

Dispenser # : 11-12A

<input type="checkbox"/> Dispenser Containment Sensor(s)	Model: _____
<input checked="" type="checkbox"/> Shear Valves	
<input checked="" type="checkbox"/> Dispenser Containment Float(s) and Chain(s)	

C. CERTIFICATION I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; (check all that apply):

System set-up Alarm History Report

Signature: _____

Bruce Stewart

WALTON
ENGINEERING, INC.

Technician / Cert #:

Bruce N. Stewart / A31131 5249892-UT

Date:

September 6, 2007

MONITORING SYSTEM CERTIFICATION - Page 1 Continuation

MAKE / MODEL OF MONITORING SYSTEM: Gilbarco EMC

CERTIFICATION / TEST DATE: September 6, 2007

A1. FACILITY

Name **Geno's Country Store**
 Address **1000 N. Vasco Road, Livermore, CA 94551**
 Phone # **925-449-3841**
 Contact **Matt Macedo**

A2. OWNER

Name **Geno's Country Stores, Inc.**
 Address **1000 North Vasco Road, Livermore, CA 94551**
 Phone # **925-449-3841**
 Contact **Matt Macedo**

B. INVENTORY OF EQUIPMENT TESTED/CERTIFIED (Check the appropriate boxes to indicate equipment inspected/serviced)

B1 (Continued): TANKS

Tank #5 (Product): _____

- In-Tank Gauging Probe Model: _____
- Annular Space or Vault Sensor Model: _____
- Piping Sump / Trench Sensor(s) Model: _____
- Fill Sump Sensor(s) Model: _____
- Mechanical Line Leak Detector Model: _____
- Electronic Line Leak Detector Model: _____
- Tank Overfill / High-Level Sensor Model: _____
- Other (specify equipment in Section E) Model: _____

Tank #6 (Product): _____

- In-Tank Gauging Probe Model: _____
- Annular Space or Vault Sensor Model: _____
- Piping Sump / Trench Sensor(s) Model: _____
- Fill Sump Sensor(s) Model: _____
- Mechanical Line Leak Detector Model: _____
- Electronic Line Leak Detector Model: _____
- Tank Overfill / High-Level Sensor Model: _____
- Other (specify equipment in Section E) Model: _____

Tank #7 (Product): _____

- In-Tank Gauging Probe Model: _____
- Annular Space or Vault Sensor Model: _____
- Piping Sump / Trench Sensor(s) Model: _____
- Fill Sump Sensor(s) Model: _____
- Mechanical Line Leak Detector Model: _____
- Electronic Line Leak Detector Model: _____
- Tank Overfill / High-Level Sensor Model: _____
- Other (specify equipment in Section E) Model: _____

Tank #8 (Product): _____

- In-Tank Gauging Probe Model: _____
- Annular Space or Vault Sensor Model: _____
- Piping Sump / Trench Sensor(s) Model: _____
- Fill Sump Sensor(s) Model: _____
- Mechanical Line Leak Detector Model: _____
- Electronic Line Leak Detector Model: _____
- Tank Overfill / High-Level Sensor Model: _____
- Other (specify equipment in Section E) Model: _____

B2: (Continued) DISPENSERS/UDC's

Dispenser # : **12-13A**

- Dispenser Containment Sensor(s) Model: _____
- Shear Valves
- Dispenser Containment Float(s) and Chain(s)

Dispenser # : **13-14A**

- Dispenser Containment Sensor(s) Model: _____
- Shear Valves
- Dispenser Containment Float(s) and Chain(s)

Dispenser # : **14-15**

- Dispenser Containment Sensor(s) Model: _____
- Shear Valves
- Dispenser Containment Float(s) and Chain(s)

Dispenser # : _____

- Dispenser Containment Sensor(s) Model: _____
- Shear Valves
- Dispenser Containment Float(s) and Chain(s)

Dispenser # : _____

- Dispenser Containment Sensor(s) Model: _____
- Shear Valves
- Dispenser Containment Float(s) and Chain(s)

Dispenser # : _____

- Dispenser Containment Sensor(s) Model: _____
- Shear Valves
- Dispenser Containment Float(s) and Chain(s)

Dispenser # : _____

- Dispenser Containment Sensor(s) Model: _____
- Shear Valves
- Dispenser Containment Float(s) and Chain(s)

Dispenser # : _____

- Dispenser Containment Sensor(s) Model: _____
- Shear Valves
- Dispenser Containment Float(s) and Chain(s)

Dispenser # : _____

- Dispenser Containment Sensor(s) Model: _____
- Shear Valves
- Dispenser Containment Float(s) and Chain(s)

Dispenser # : _____

- Dispenser Containment Sensor(s) Model: _____
- Shear Valves
- Dispenser Containment Float(s) and Chain(s)

Dispenser # : _____

- Dispenser Containment Sensor(s) Model: _____
- Shear Valves
- Dispenser Containment Float(s) and Chain(s)

Dispenser # : _____

- Dispenser Containment Sensor(s) Model: _____
- Shear Valves
- Dispenser Containment Float(s) and Chain(s)

MONITORING SYSTEM CERTIFICATION

CERTIFICATION / TEST DATE: September 6, 2007

A1. FACILITY

Name: **Geno's Country Store**
 Address: **1000 N. Vasco Road, Livermore, CA 94551**
 Phone #: **925-449-3841**
 Contact: **Matt Macedo**

A2. OWNER

Name: **Geno's Country Stores, Inc.**
 Address: **1000 North Vasco Road, Livermore, CA 94551**
 Phone #: **925-449-3841**
 Contact: **Matt Macedo**

D. RESULTS OF TESTING / SERVICING

Make / Model of Monitoring System: **Gilbarco EMC**

Software Version Installed: **121.00**

Complete the following checklist:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No *	Is the audible alarm operational?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No *	Is the visual alarm operational?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No *	Were all sensors visually inspected, functionally tested, and confirmed operational?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No *	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
<input type="checkbox"/> Yes	<input type="checkbox"/> No * <input checked="" type="checkbox"/> N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modems) operational?
<input type="checkbox"/> Yes	<input type="checkbox"/> No * <input checked="" type="checkbox"/> N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shutdown? (check all that apply) <input type="checkbox"/> Sump/Trench sensors; <input type="checkbox"/> Dispenser Containment Sensors.
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No *	Did you confirm positive shut-down due to leaks <u>and</u> sensor failure/disconnection?
<input type="checkbox"/> Yes	<input type="checkbox"/> No * <input checked="" type="checkbox"/> N/A	For tank systems that utilize the monitoring system as the primary tank overflow warning device (i.e. no mechanical overflow prevention valve is installed), is the overflow warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? <u> </u> %
<input checked="" type="checkbox"/> Yes *	<input type="checkbox"/> No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
<input checked="" type="checkbox"/> Yes *	<input type="checkbox"/> No	Was any liquid found inside any secondary containment systems designed as dry systems? (Check all that apply) <input checked="" type="checkbox"/> Product; <input checked="" type="checkbox"/> Water. If yes, describe causes in Section E, below.
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No *	Was monitoring system set-up reviewed to insure proper settings? Attach set-up reports, if applicable.
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No *	Is all monitoring equipment operational per manufacturer's specifications?

* In Section E below, describe how and when these deficiencies were or will be corrected.

E. COMMENTS

L-3 the 91 STP sump sensor had been raised from the low point to the top of tank.

L-4 the 91 annular has been in alarm since last year.

L-2 the 87 annular was full of rust and would not work. Cleaned the sensor and tested.

The 87 tank has 1" of water in the annular, the sensor is sitting on the bottom but requires 1.5" to go into alarm.

This is what caused the rust on the sensor.

Replaced the sensor on the 91 STP sump.

Replaced all three lamps on the EMC.

This site does not have positive shut-down.

MONITORING SYSTEM CERTIFICATION

CERTIFICATION / TEST DATE: September 6, 2007

A1. FACILITY

Name Geno's Country Store
 Address 1000 N. Vasco Road, Livermore, CA 94551
 Phone # 925-449-3841
 Contact Matt Macedo

A2. OWNER

Name Geno's Country Stores, Inc.
 Address 1000 North Vasco Road, Livermore, CA 94551
 Phone # 925-449-3841
 Contact Matt Macedo

F. IN-TANK GAUGING / SIR EQUIPMENT:

- Check this box if tank gauging is used only for inventory control.
 Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

<input type="checkbox"/> Yes	<input type="checkbox"/> No *	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
<input type="checkbox"/> Yes	<input type="checkbox"/> No *	Were all tank gauging probes visually inspected for damage and residue buildup?
<input type="checkbox"/> Yes	<input type="checkbox"/> No *	Was accuracy of system product level readings tested?
<input type="checkbox"/> Yes	<input type="checkbox"/> No *	Was accuracy of system water level readings tested?
<input type="checkbox"/> Yes	<input type="checkbox"/> No *	Were all probes reinstalled properly?
<input type="checkbox"/> Yes	<input type="checkbox"/> No *	Were all items on the equipment manufacturer's maintenance checklist completed?

* In Section H below, describe how and when these deficiencies were or will be corrected.

G. LINE LEAK DETECTORS (LLD):

- Check this box if LLDs are not installed.

Complete the following checklist:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No * <input type="checkbox"/> N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? (check all that apply) Simulated leak rate: <input checked="" type="checkbox"/> 3 g.p.h.; <input type="checkbox"/> 0.1 g.p.h.; <input type="checkbox"/> 0.2 g.p.h.
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No *	Were all LLDs confirmed operational and accurate within regulatory requirements?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No *	Was the testing apparatus properly calibrated?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No * <input type="checkbox"/> N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
<input type="checkbox"/> Yes	<input type="checkbox"/> No * <input checked="" type="checkbox"/> N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
<input type="checkbox"/> Yes	<input type="checkbox"/> No * <input checked="" type="checkbox"/> N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
<input type="checkbox"/> Yes	<input type="checkbox"/> No * <input checked="" type="checkbox"/> N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
<input type="checkbox"/> Yes	<input type="checkbox"/> No * <input checked="" type="checkbox"/> N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No *	Were all items on the equipment manufacturer's maintenance checklist completed?

* In Section H below, describe how and when these deficiencies were or will be corrected.

H. COMMENTS

Replaced the 87 MLLD. Vaporless LD2000.

Adjusted the 91 MLLD.

LINE LEAK DETECTOR (LLD) TEST REPORT

TEST DATE: September 6, 2007

A1. FACILITY

Name: Geno's Country Store
 Address: 1000 N. Vasco Road, Livermore, CA 94551
 Phone #: 925-449-3841
 Contact: Matt Macedo

A2. OWNER

Name: Geno's Country Stores, Inc.
 Address: 1000 North Vasco Road, Livermore, CA 94551
 Phone #: 925-449-3841
 Contact: Matt Macedo

A3. C U P A

Name: Livermore-Pleasanton Fire Department
 Address: 3560 Nevada Street, Pleasanton, CA 94566
 Notified: August 31, 2007
 Inspector: None
 Phone #: 925-454-2338

A4. TESTING CONTRACTOR


Name: Walton Engineering, Inc.
 Address: P.O. Box 1025, W. Sacramento, CA 95691
 Lic #: 617238 A, B, Haz
 Contact: Richard Walton
 Phone #: 916-825-3203

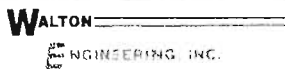
I. MECHANICAL LINE LEAK DETECTOR TEST RESULTS

Test Equipment Used: Red Jacket FX Test System

Tank number	1	2	3	4
Product contained	Gasoline - 87	Gasoline - 91	Diesel	Truck Island
Leak Detector Type	MLLD	MLLD	MLLD	MLLD
Leak detector make/model	Vaporless 99LD-2000	Vaporless 99LD-2000	Vaporless 99LD-2000	Vaporless 99LD-2000
Serial number	7081421	605177	6061160	6061152
Functional Element Holding (psi)	18	18	18	20
Resiliency (ml)	50	75	50	100
Test leak rate (gph)	3.00	3.00	3.00	3.00
Pump pressure (psi)	28	28	28	38
Metering pressure (psi)	18	18	18	28
Pressure Restriction Reduction (psi)	10	10	10	10
Length of Restriction Test (seconds)	30	30	30	30
Full Flow Opening time (seconds)	5	5	5	7
TEST RESULT	PASS	PASS	PASS	PASS
Tank number				
Product contained				
Leak Detector Type				
Leak detector make/model				
Serial number				
Functional Element Holding (psi)				
Resiliency (ml)				
Test leak rate (gph)				
Pump pressure (psi)				
Metering pressure (psi)				
Pressure Restriction Reduction (psi)				
Length of Restriction Test (seconds)				
Full Flow Opening time (seconds)				
TEST RESULT				

J. COMMENTS:

Signature: 
 Technician: Bruce N. Stewart / A31131 5249892-UT



Date: September 6, 2007

ANNUAL SPILL CONTAINER TEST REPORT

TEST DATE: September 6, 2007


A1. FACILITY Name: Geno's Country Store Address: 1000 N. Vasco Road, Livermore, CA 94551 Phone #: 925-449-3841 Contact: Matt Macedo	A2. OWNER Name: Geno's Country Stores, Inc. Address: 1000 North Vasco Road, Livermore, CA 94551 Phone #: 925-449-3841 Contact: Matt Macedo
A3. C U P A Name: Livermore-Pleasanton Fire Department Address: 3560 Nevada Street, Pleasanton, CA 94566 Notified: August 31, 2007 Inspector: None Phone #: 925-454-2338	A4. TESTING CONTRACTOR Name: Walton Engineering, Inc. Address: P.O. Box 1025, W. Sacramento, CA 95691 Lic #: 617238 A, B, Haz Contact: Richard Walton Phone #: 916-825-3203

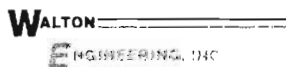
K. SPILL CONTAINER TEST RESULTS

Measuring Equipment Used: Caldwell System 2001 / Walton Engineering (Level Change Indicator)

Tank Number	1	2	3	
Product contained	Gasoline - 87	Gasoline - 91	Diesel	
Spill container capacity (US gallons)	5	5	5	
Spill container manufacturer	OPW	OPW	OPW	
Spill container depth (inches)	14.00	14.00	13.50	
Is the spill container located in a sump?	No	No	No	
Does sump have a liquid sensor installed?	N/A	N/A	N/A	
Condition of spill container prior to testing	Wet	Wet	Wet	
Portion of spill container tested	Entire	Entire	Entire	
Depth of water level from bottom (inches)	12.50	12.50	12.00	
Wait time for water level to stabilize (hr:min)	0:10	0:10	0:01	
Test start time	10:31	10:35	13:50	
Test end time	11:01	11:04	13:51	
Test duration (hr:min)	0:30	0:29	0:01	
Change in water level (± 0.000 inches)	0.015	1.250	3.500	
Pass/Fail threshold (0.005 inches / ½ Hr.)	0.005	0.005	0.005	
TEST RESULT	FAIL	FAIL	FAIL	

L. COMMENTS:

Signature: 
 Technician: Bruce N. Stewart / A31131 5249892-UT



Date: September 6, 2007

SYSTEM SET-UP REPORT (Page 1)

SYSTEM SETUP

SEP 6 2007 9:00 AM

SYSTEM UNITS

U.S.
 SYSTEM LANGUAGE
 ENGLISH
 SYSTEM DATE TIME FORMAT
 MON DD YYYY HH:MM:SS AM

GENOS COUNTRY STORE
 1000 VASCO RD.
 LIVERMORE, CA 94550
 WIC 20443801012

SHIFT TIME 1 : DISABLED
 SHIFT TIME 2 : DISABLED
 SHIFT TIME 3 : 10:00 PM
 SHIFT TIME 4 : DISABLED

TANK PER TST NEEDED WRN
 DISABLED
 TANK ANN TST NEEDED WRN
 DISABLED

LINE RE-ENABLE METHOD
 PASS LINE TEST

LINE PER TST NEEDED WRN
 DISABLED
 LINE ANN TST NEEDED WRN
 DISABLED

PRINT TO VOLUMES
 ENABLED

TEMP COMPENSATION
 VALUE (DEG F) : 80.0
 STICK HEIGHT OFFSET
 DISABLED

H-PROTOCOL DATA FORMAT
 HEIGHT
 DAYLIGHT SAVING TIME
 ENABLED
 START DATE
 MAR WEEK 2 SUN
 START TIME
 2:00 AM
 END DATE
 NOV WEEK 1 SUN
 END TIME
 2:00 AM

RE-DIRECT LOCAL PRINTOUT
 DISABLED

EURO PROTOCOL PREFI:
 S

COMMUNICATIONS SETUP

PORT SETTINGS:

COMM BOARD : 5 (RS-485)
 BAUD RATE : 9600
 PARITY : NONE
 STOP BIT : 2 STOP
 DATA LENGTH: 7 DATA
 RS-232 SECURITY
 CODE : DISABLED

COMM BOARD : 6 (S-SAT)
 BAUD RATE : 9600
 PARITY : ODD
 STOP BIT : 1 STOP
 DATA LENGTH: 7 DATA
 RS-232 SECURITY
 CODE : DISABLED
 DTR NORMAL STATE: HIGH

RECEIVER SETUP:

NONE

IN-TANK SETUP

T1:REGULAR 87
 PRODUCT CODE : 1
 THERMAL COEFF : 000700
 TANK DIAMETER : 128.00
 TANK PROFILE : 4 FTS
 FULL VOL : 15115
 96.0 INCH VOL : 12207
 64.0 INCH VOL : 7616
 32.0 INCH VOL : 3009

FLOAT SIZE: 4.0 IN.
 WATER WARNING : 2.0
 HIGH WATER LIMIT: 3.0

MAX OR LABEL VOL: 15115
 OVERFILL LIMIT : 90%
 : 13603
 HIGH PRODUCT : 95%
 : 14359
 DELIVERY LIMIT : 10%
 : 1511

LOW PRODUCT : 1000
 LEAK ALARM LIMIT: 99
 SUDDEN LOSS LIMIT: 99
 TANK TILT : 0.50

MANIFOLDED TANKS
 T#: NONE

LEAK MIN PERIODIC: 10%
 : 1511
 PERIODIC TEST TYPE
 STANDARD

PERIODIC TEST FAIL
 ALARM DISABLED

GROSS TEST FAIL
 ALARM DISABLED

PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAKOFF

DELIVERY DELAY : 5 MIN

SYSTEM SET-UP REPORT (Page 2)

T 3: PREMIUM 91
 PRODUCT CODE : 2
 THERMAL COEFF : .000700
 TANK DIAMETER : 128.00
 TANK PROFILE : 4 PTS
 FULL VOL : 15115
 96.0 INCH VOL : 12207
 64.0 INCH VOL : 7816
 32.0 INCH VOL : 3009

T 3: DIESEL
 PRODUCT CODE : 3
 THERMAL COEFF : .000450
 TANK DIAMETER : 96.00
 TANK PROFILE : 4 PTS
 FULL VOL : 12145
 72.0 INCH VOL : 9838
 48.0 INCH VOL : 6153
 24.0 INCH VOL : 3445

LEAK TEST METHOD

 TEST ON DATE : ALL TANK
 JAN 1, 1996
 START TIME : DISABLED
 TEST RATE : 0.20 GAL HR
 DURATION : 0 HOURS

FLOAT SIZE: 4.0 IN.
 WATER WARNING : 2.0
 HIGH WATER LIMIT: 3.0
 MAX OR LABEL VOL: 15115
 OVERFILL LIMIT : 90%
 : 13803
 HIGH PRODUCT : 95%
 : 14359
 DELIVERY LIMIT : 10%
 : 1511
 LOW PRODUCT : 1000
 LEAK ALARM LIMIT: 99
 SUDDEN LOSS LIMIT: 99
 TANK TILT : 1.85

FLOAT SIZE: 4.0 IN.
 WATER WARNING : 2.0
 HIGH WATER LIMIT: 3.0
 MAX OR LABEL VOL: 12145
 OVERFILL LIMIT : 90%
 : 10930
 HIGH PRODUCT : 95%
 : 11537
 DELIVERY LIMIT : 10%
 : 1214
 LOW PRODUCT : 1000
 LEAK ALARM LIMIT: 99
 SUDDEN LOSS LIMIT: 99
 TANK TILT : 0.00

TST EARLY STOP: DISABLED
 LEAK TEST REPORT FORMAT
 NORMAL
 LIQUID SENSOR SETUP

MANIFOLDED TANKS
 TA: NONE

MANIFOLDED TANKS
 TA: NONE

L 2:87 ANNULAR
 TRI-STATE (SINGLE FLOAT)
 CATEGORY : ANNULAR SPACE

L 3:92 STP
 TRI-STATE (SINGLE FLOAT)
 CATEGORY : STP SUMP

L 4:92 ANNULAR
 TRI-STATE (SINGLE FLOAT)
 CATEGORY : ANNULAR SPACE

LEAK MIN PERIODIC: 10%
 : 1511
 PERIODIC TEST TYPE
 STANDARD

LEAK MIN PERIODIC: 10%
 : 1214
 PERIODIC TEST TYPE
 STANDARD

L 5:5HF DIESEL SUMP
 TRI-STATE (SINGLE FLOAT)
 CATEGORY : STP SUMP

PERIODIC TEST FAIL
 ALARM DISABLED

PERIODIC TEST FAIL
 ALARM DISABLED

L 6:1HF DIESEL SUMP
 TRI-STATE (SINGLE FLOAT)
 CATEGORY : STP SUMP

GROSS TEST FAIL
 ALARM DISABLED

GROSS TEST FAIL
 ALARM DISABLED

L 7: DIESEL ANNULAR
 TRI-STATE (SINGLE FLOAT)
 CATEGORY : ANNULAR SPACE

PER TEST AVERAGING: OFF

PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK: OFF

TNK TST SIPHON BREAK: OFF

L 8:87 STP
 TRI-STATE (SINGLE FLOAT)
 CATEGORY : STP SUMP

DELIVERY DELAY : 5 MIN

DELIVERY DELAY : 5 MIN

RECONCILIATION SETUP

AUTOMATIC DAILY CLOSING
 TIME: 2:00 AM

PERIODIC RECONCILIATION
 MODE: MONTHLY

TEMP COMPENSATION
 STANDARD

BUS SLOT FUEL METER TANK

TANK MAP EMPTY

SOFTWARE REVISION LEVEL
 VERSION 121.00
 SOFTWARE# 348121-100-A
 CREATED - 00.11.15.13.23

NO SOFTWARE MODULE
 SYSTEM FEATURES:
 PERIODIC IN-TANK TESTS
 ANNUAL IN-TANK TESTS

ALARM HISTORY REPORT (Page 1)

Before
ALARM HISTORY REPORT
---- IN-TANK ALARM ----
T 1:REGULAR 87
OVERFILL ALARM
DEC 26, 2006 1:32 PM
NOV 12, 2005 7:01 PM
JUL 4, 2005 6:18 AM
LOW PRODUCT ALARM
NOV 1, 2006 6:34 PM
DEC 16, 2005 4:29 PM
AUG 1, 2003 6:38 PM
INVALID FUEL LEVEL
SEP 10, 2001 7:52 PM
SEP 7, 2001 10:41 AM
PROBE OUT
JUN 9, 2003 10:13 AM

DELIVERY NEEDED
AUG 4, 2007 6:55 PM
JUN 8, 2007 8:52 PM
MAY 13, 2007 6:32 PM

ALARM HISTORY REPORT
---- IN-TANK ALARM ----
T 2:PREMIUM 91
LOW PRODUCT ALARM
AUG 9, 2002 11:55 PM
SEP 9, 2001 1:55 PM
SEP 7, 2001 9:17 AM

INVALID FUEL LEVEL
SEP 9, 2001 5:55 PM
SEP 7, 2001 4:26 PM

PROBE OUT
JUN 11, 2003 1:16 PM

DELIVERY NEEDED
AUG 31, 2007 7:48 PM
AUG 20, 2007 7:41 PM
JUL 18, 2007 12:23 AM

ALARM HISTORY REPORT
---- IN-TANK ALARM ----
T 3:DIESEL
OVERFILL ALARM
JUL 25, 2007 11:44 AM
JUN 9, 2007 1:11 AM
MAY 18, 2007 2:02 PM

LOW PRODUCT ALARM
NOV 30, 2006 4:03 PM
JUN 21, 2006 11:08 AM
SEP 2, 2005 5:24 AM

HIGH PRODUCT ALARM
MAR 11, 2007 11:01 AM
NOV 13, 2006 12:28 PM
JAN 7, 2006 7:30 AM

INVALID FUEL LEVEL
NOV 30, 2006 7:19 PM
SEP 2, 2005 6:45 AM
AUG 2, 2005 4:54 PM

DELIVERY NEEDED
NOV 30, 2006 3:23 PM
AUG 28, 2006 4:49 PM
AUG 15, 2006 1:17 PM

ALARM HISTORY REPORT
---- SENSOR ALARM ----
L 11
OTHER SENSORS

ALARM HISTORY REPORT
---- SENSOR ALARM ----
L 2:87 ANNULAR
ANNULAR SPACE
SENSOR OUT ALARM
AUG 16, 2006 12:05 PM

FUEL ALARM
AUG 16, 2006 11:57 AM

FUEL ALARM
OCT 15, 2003 12:02 PM

ALARM HISTORY REPORT
---- SENSOR ALARM ----
L 3:92 STP
STP SUMP
FUEL ALARM
APR 14, 2007 9:04 PM

FUEL ALARM
FEB 26, 2007 2:10 PM

FUEL ALARM
FEB 10, 2007 6:28 AM

ALARM HISTORY REPORT
---- SENSOR ALARM ----
L 4:92 ANNULAR
ANNULAR SPACE
FUEL ALARM
AUG 16, 2006 12:05 PM
SENSOR OUT ALARM
AUG 16, 2006 12:05 PM
FUEL ALARM
JUN 23, 2006 7:14 PM

ALARM HISTORY REPORT
---- SENSOR ALARM ----
L 5:5HP DIESEL SUMP
STP SUMP
FUEL ALARM
MAR 3, 2007 2:47 PM

FUEL ALARM
NOV 1, 2006 8:34 PM

SENSOR OUT ALARM
AUG 16, 2006 12:04 PM

ALARM HISTORY REPORT
---- SENSOR ALARM ----
L 6:1HP DIESEL SUMP
STP SUMP
FUEL ALARM
JUN 26, 2007 1:52 PM

FUEL ALARM
MAR 23, 2007 2:48 AM

FUEL ALARM
FEB 26, 2007 10:24 PM

ALARM HISTORY REPORT
---- SENSOR ALARM ----
L 7:DIESEL ANNULAR
ANNULAR SPACE
FUEL ALARM
AUG 16, 2006 12:23 PM

SENSOR OUT ALARM
AUG 16, 2006 12:16 PM

SENSOR OUT ALARM
AUG 16, 2006 12:04 PM

ALARM HISTORY REPORT
---- SENSOR ALARM ----
L 8:87 STP
STP SUMP
FUEL ALARM
FEB 26, 2007 5:00 PM

SENSOR OUT ALARM
AUG 16, 2006 12:04 PM

FUEL ALARM
AUG 16, 2006 11:54 AM

After

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 11:
OTHER SENSORS

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 2:57 ANNULAR
ANNULAR SPACE
SENSOR OUT ALARM
SEP 6, 2007 12:41 PM

FUEL ALARM
SEP 6, 2007 10:41 AM

FUEL ALARM
SEP 6, 2007 10:38 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 3:52 STP
STP SUMP
SENSOR OUT ALARM
SEP 6, 2007 12:41 PM

FUEL ALARM
SEP 6, 2007 10:21 AM

SENSOR OUT ALARM
SEP 6, 2007 10:16 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 4:52 ANNULAR
ANNULAR SPACE
FUEL ALARM
SEP 6, 2007 12:42 PM

SENSOR OUT ALARM
SEP 6, 2007 12:41 PM

FUEL ALARM
AUG 16, 2006 12:05 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 5:58P DIESEL SUMP
STP SUMP
SENSOR OUT ALARM
SEP 6, 2007 12:41 PM

FUEL ALARM
SEP 6, 2007 10:44 AM

FUEL ALARM
MAR 3, 2007 2:47 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 6:18P DIESEL SUMP
STP SUMP
SENSOR OUT ALARM
SEP 6, 2007 12:41 PM

FUEL ALARM
SEP 6, 2007 10:43 AM

FUEL ALARM
JUN 26, 2007 1:52 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 7:1 DIESEL ANNULAR
ANNULAR SPACE
SENSOR OUT ALARM
SEP 6, 2007 12:41 PM

FUEL ALARM
SEP 6, 2007 10:47 AM

FUEL ALARM
AUG 16, 2006 12:23 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 8:57 STP
STP SUMP
SENSOR OUT ALARM
SEP 6, 2007 12:41 PM

FUEL ALARM
SEP 6, 2007 10:07 AM

FUEL ALARM
FEB 26, 2007 5:00 PM

MONITORING SYSTEM STATUS REPORT

(Page 1)

GENOS COUNTRY STORE
1000 VASCO RD.
LIVERMORE, CA 94550
MTC 20443801012

GENOS COUNTRY STORE
1000 VASCO RD.
LIVERMORE, CA 94550
MTC 20443801012

SEP 6, 2007 8:59 AM

SEP 6, 2007 1:58 PM

SYSTEM STATUS REPORT

SYSTEM STATUS REPORT

L 4:FUEL ALARM

L 4:FUEL ALARM

INVENTORY REPORT

INVENTORY REPORT

T 1:REGULAR 87
VOLUME = 4027 GALS
ULLAGE = 11088 GALS
90% ULLAGE= 9576 GALS
TC VOLUME = 3981 GALS
HEIGHT = 39.55 INCHES
WATER VOL = 19 GALS
WATER = 0.97 INCHES
TEMP = 76.1 DEG F

T 1:REGULAR 87
VOLUME = 3775 GALS
ULLAGE = 11340 GALS
90% ULLAGE= 9828 GALS
TC VOLUME = 3733 GALS
HEIGHT = 37.72 INCHES
WATER VOL = 19 GALS
WATER = 0.97 INCHES
TEMP = 75.5 DEG F

T 2:PREMIUM 91
VOLUME = 3404 GALS
ULLAGE = 12711 GALS
90% ULLAGE= 11199 GALS
TC VOLUME = 2379 GALS
HEIGHT = 27.24 INCHES
WATER VOL = 0 GALS
WATER = 0.00 INCHES
TEMP = 74.3 DEG F

T 2:PREMIUM 91
VOLUME = 2376 GALS
ULLAGE = 12739 GALS
90% ULLAGE= 11227 GALS
TC VOLUME = 2352 GALS
HEIGHT = 27.01 INCHES
WATER VOL = 0 GALS
WATER = 0.00 INCHES
TEMP = 74.2 DEG F

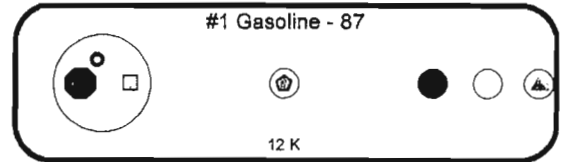
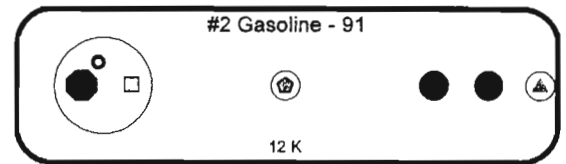
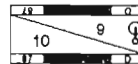
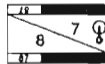
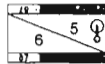
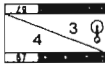
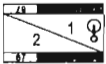
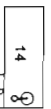
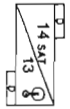
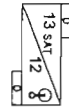
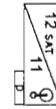
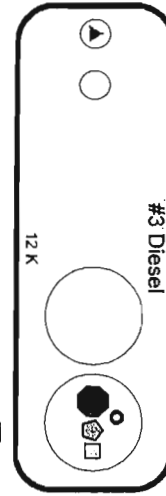
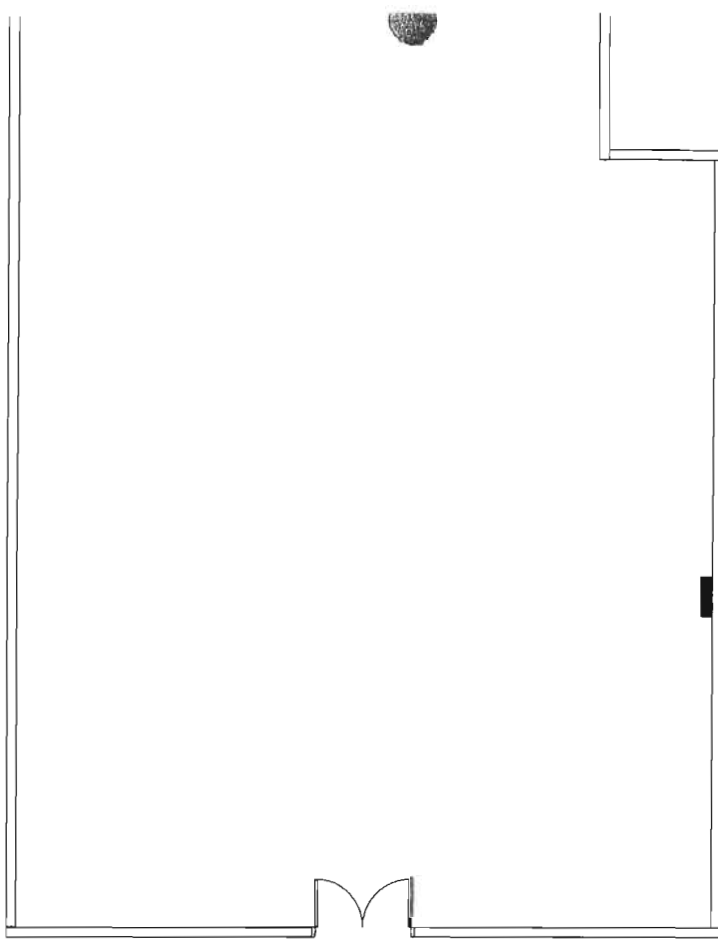
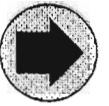
T 3:DIESEL
VOLUME = 8984 GALS
ULLAGE = 3161 GALS
90% ULLAGE= 1946 GALS
TC VOLUME = 8894 GALS
HEIGHT = 66.09 INCHES
WATER VOL = 23 GALS
WATER = 0.91 INCHES
TEMP = 82.1 DEG F

T 3:DIESEL
VOLUME = 8616 GALS
ULLAGE = 3529 GALS
90% ULLAGE= 2314 GALS
TC VOLUME = 8532 GALS
HEIGHT = 63.65 INCHES
WATER VOL = 23 GALS
WATER = 0.91 INCHES
TEMP = 81.7 DEG F

* * * * * END * * * * *

* * * * * END * * * * *

Marking Lot



N. Vasco Rd.

Geno's Country Store

WALTON
ENGINEERING, INC.

Not To Scale

1000 N. Vasco Road
Livermore, CA 94551

Drawing

Drawn by: DW
Date: 06/20/07

Revisions

Revised by:
Date:

- Legend**
- Gasoline - 87
 - Gasoline - 89
 - Gasoline - 91
 - Diesel
 - Vapor
 - Annular
 - Submersible Turbine Pump
 - TLM Probe
 - Monitoring System Panel
 - Emergency Shut-Off Switch
 - Overfill Alarm
 - Float & Chain
 - Sump/UJC Sensor
 - ▲ Interstitial Sensor
 - Vacuum Sensor
 - Line Leak Detector
 - ISD Flow Meter
 - ISD Pressure Sensor
 - Spill Containment Kit

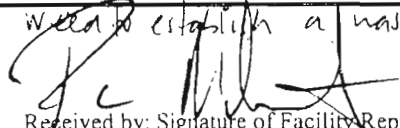
LIVERMORE-PLEASANTON FIRE DEPARTMENT

Third Notice of Violation

Date of Initial Inspection: 10/16/06, 11/16/06

Name of Facility: <u>Ken's Tire Service</u>	Address: <u>1012 N Vasco Rd.</u>
Inspector: <u>Paul Smith 454-2339 psmith@lptire.org</u>	

Some or all of the violations noted during the initial inspection of this facility have not been corrected. See the narrative below of a list of these violations. Call for a re-inspection when all of these items have been corrected. Failure to comply will result in the referral of this case for formal enforcement after 11/16/07. Please refer "Program Penalties" on the back of this page to determine the penalties associated with non-compliance.

	Follow up inspection to correct previously noted on the above referenced inspection reports.		
1)	Tires stored > 6' along rear wall. Need to lower stacks to < 6' and reduce # of tires if possible. These tires are used tires for resale.		
2)	Need annual training for all employees handling hazardous materials and hazardous waste. Training should include safe handling of hazardous materials, waste, spill/leak clean up procedures, Emergency response Plan. written records must be available on an annual basis for all applicable staff.		
3)	waste filter container noted open - need to keep lid on		
4)	Label on waste oil lacking waste description and accumulation start/pickup dates. Need to indicate both of these. Also waste coolant label doesn't have any more room for additional dates. I provided 2 additional labels		
5)	The 1 significant spill noted beneath a vehicle in the parking area need to clean up spillage		
6)	Uses absorbent to manage leaks/spills. we discussed using waste minimization techniques such as dust pan/squeegee, rags. waste absorbent is currently used many times. once waste absorbent is highly contaminated it should be returned in a labeled waste container for proper management of hazardous waste.		
	Need to establish a waste absorbent container - none available.		
	 Received by: Signature of Facility Representative	Pam McGinty Printed Name	10-29-07 Date of Inspection

Complete each of the above requirements within 14 days and provide a written response/email documenting resolution of each so that I can close out the 10/06 inspection. Page 1 of 1

LIVERMORE-PLEASANTON FIRE DEPARTMENT

Second Notice of Violation

Date of Initial Inspection: 10/16/06

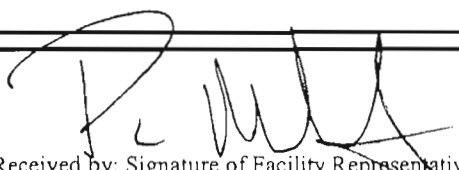
Name of Facility: <u>Ken's Tire Service</u>	Address: <u>1012 N. Vasco Rd., Livermore</u>
Inspector: <u>Pam Smith</u>	

Some or all of the violations noted during the initial inspection of this facility have not been corrected. See the narrative below of a list of these violations. A second re-inspection will occur _____.

- Follow up inspection to issues noted on previous inspection report
- 1) Housekeeping spillage has improved. one oil spill with absorbent noted outside onto the ground. need to clean up. residual alkylated enamel
 - 2) the (9) 5 gal cans noted still onsite. an employee plans to take the material for use at home. Please confirm when permit is no longer here
 - 3) Hazardous waste ^{labels} still unreadable on waste oil and waste coolant drums. I again provided labels and discussed where to apply them, away from fill port to prevent labels from getting obscured. ~~fill~~ ^{fill} of label completely with name, address, waste type, accumulation start date, EPA ID#.
 - 4) provide a lid (missing) on waste oil filter drum
 - 5) Tire storage in rear yard and inside tire storage has improved. Tires noted stored against south side of building need to move/stored away from building. Tire storage racks on south end of building needs to have aisle clear so that access to walk through is achieved.
 - 6) Tire storage outside southside still has a pile to get rid of. Please have these removed ASAP.
 - 7) Need to conduct annual written worker training on all applicable staff a minimum of 1x/yr.

Complete each of the above within 14 days and provide a written response regarding each.

HAZOP provided today

 Received by: Signature of Facility Representative	<u>Pam McGinty</u> Printed Name	<u>11/16/06</u> Date of Inspection
--	------------------------------------	---------------------------------------

LIVERMORE-PLEASANTON FIRE DEPARTMENT

3560 Nevada Street, Pleasanton, CA 94566
925-454-2362

INSPECTION REPORT SUMMARY

Name of Facility: <u>Ken's Tire</u>	Street Address: <u>1012 N Vasco Rd.</u> (Liv)/Pl.
Contact Person: <u>Ken, Jason, Pam</u>	Telephone: <u>443-8473</u>
Inspector: <u>Paul Smith</u>	E-Mail:
Did a facility representative grant permission for this inspection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Database ID No:	

UNIFIED PROGRAM SUMMARY	Program	Inspection	No. of Viol.	
Fire Code	X	X	5	
Hazardous Materials Business Plan	X	X	4	
Risk Management Plan / CalARP				
Underground Storage Tank				
Aboveground Petroleum Storage Tank				
Does the facility have an SPCC Plan?				
Hazardous Waste Generator	X	X	4	
Tiered Permit: Permit-by-Rule				
Conditionally Authorized				
Conditionally Exempt, Specified Waste Stream				
Conditionally Exempt, Small Quantity Treatment				
Conditionally Exempt, Limited				
Conditionally Exempt, Commercial Laundry				
CAD Note and (if applicable) Tactical Plan Checked	X			<input type="checkbox"/> Gave Emergency Contact Sheet

Comments

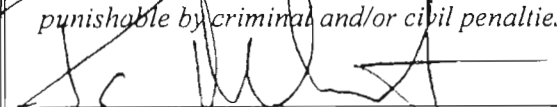
Site inspection associated with citizen complaint regarding spilled fluids from vehicles improperly managed. Spillage noted some with absorbent beneath some, without. According to Ken many of the vehicles noted leaking are abandoned vehicles which are awaiting the red tag/lien sale process. I informed this facility that all water from vehicles on this premises must be managed properly by using drain pans, absorbent which is cleaned up after use in a timely fashion.

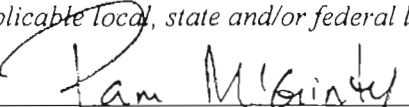
Submit the Certificate of Return to Compliance and other required documents within 30 days.

A re-inspection to verify compliance has been scheduled for 11-16-06 9am.

One or more violations must be corrected immediately. See page(s) _____ of this inspection report. Compliance will be verified by a re-inspection.

Failure to comply with requirements established in this inspection report and in all attachments to this report, or in subsequent correspondence may result in the issuance of a Notice of Noncompliance. Noncompliance is punishable by criminal and/or civil penalties under applicable local, state and/or federal laws or regulations.


 Received by: Signature of Facility Representative


 Printed Name: Pam McGinty

 Date of Inspection: 10/14/06

Livermore-Pleasanton Fire Department

Fire Inspection Report

Facility Name: <u>Ken's Tire</u>	Address: <u>1017 N. Vasco Rd.</u> Liv./Pleas.
Inspector: <u>Pam Smith</u>	

		Viol		Viol
	General Requirements		Exiting	
101	Provide address identification		309	Remove deadbolts or similar devices
✓ 102	Provide current, tagged Knox box keys		310	Provide/repair panic hardware (>50 A occ.)
103	Keep dumpster 5' from eaves, comb. Walls, openings		311	Clear obstructed exit
104	Keep oily rags in metal container with lid	✓	315	Repair illuminated exit sign
105	Keep comb. rubbish in approved location		316	Maintain exit way illumination
106	Keep outside comb. storage 10' from property line (3' if < 6' high)			Fire Protection Systems
107	Remove/treat drapes, decorations etc.		401	Provide additional fire extinguishers
108	Provide max. occupancy sign (A Occ)		402	Provide a K rated fire extinguisher in kitchen
109	Maintain fire lane markings and signs		403	Mount fire extinguisher
110	Clean Grease laden ducts (kitchen)	✓	404	Service fire extinguishers
111	Post NFPA placards (if applicable)		405	Provide hood and duct system (kitchen)
112	Remove combustible rubbish		406	Extend fire protection system
113	Maintain combustible materials in orderly fashion and away from exits		407	Make fire sprinkler valve accessible and lock
114	Remove non-compliant space heater		408	Maintain fire protection system (5 year cert. for water. Semi annual for other systems)
115	Fire assemblies shall be maintained in working condition (Rated walls, doors, etc)		409	Maintain fire department connection
116	Provide stairway identification (≥ 4 stories)		410	Every apt. unit and hotel/motel sleeping unit above 1 st floor shall have smoke detector
117	Provided with info. re. Emergency Plans (Hotels, motels, office buildings 2 or more stories in height, all high-rises, Group 1 Division 1 and 2 Occupancies)		411	Maintain on-site fire hydrants
	Electrical		412	Repair fire alarm system
201	Comply with restrictions re. temp. wiring		413	Provide spare fire sprinkler heads
202	Remove cords affixed through walls etc.	<input type="checkbox"/>	414	Maintain fire pumps
203	Maintain 30" W and 78" H clearance at electrical panels		415	Provide supervision for fire protection system control valves
204	Label electrical panels		416	Maintain fire doors
205	Cease using unapproved electrical equipment			Storage
206	Maintain motors in good condition		601	Remove storage below stairs without 1 hour construction
207	Fix cover plates, outlets, other electrical		602	Secure storage racks
	<i>Fire storage on west & south side yards excessive, need to reduce</i>	✓	601	Remove storage below stairs without 1 hour construction
	<i>Has (9) 5 gal flammable paint illegally dumped off at this facility. Need to properly manage</i>	✓	603	Keep storage > 18" below fire sprinklers
			604	Keep storage > 24" from ceiling in unsprinklered buildings
			605	Maintain aisle widths in storage areas

The following inspection lists were also used. Violations observed are noted on the attached Narrative page.

<input type="checkbox"/> Compressed Gases	<input type="checkbox"/> Medical Gases	<input type="checkbox"/> LPG
<input type="checkbox"/> Welding and Cutting	<input type="checkbox"/> Application of Flammable Finishes	<input type="checkbox"/> High Piled Combustible Storage
<input type="checkbox"/> Place of Assembly	<input type="checkbox"/> Repair Garage	<input type="checkbox"/> Motor Vehicle Fueling
<input type="checkbox"/> Dust Collection Systems	<input type="checkbox"/> Flammable and Combustible liquids	<input type="checkbox"/> Other

Received by: Signature of Facility Representative	Printed Name	Date of Inspection: <u>10/16/06</u>
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HAZARDOUS WASTE GENERATOR INSPECTION CHECKLIST

Notice to Comply (Minor Violations-Correct within 30 days) and Summary of Violations (Class I and II Violations)

Facility Name: <u>Kon's Fire Service</u>	Address: <u>1012 N Valico Rd</u> Liv/Pleas.
Inspector: <u>Paul Smith</u>	EPA ID No.: <u>CAL000159734</u>

- CESQG
 SQG
 RCRA LQG
 State Only LQG
 Recycler
 Consolidation Site

	Minor Viol.	Class II Viol.	Class I Viol.	Comments
A. Identification Number (CCR 66262.12)				
<input checked="" type="checkbox"/> 1. Obtain EPA ID number				
<input checked="" type="checkbox"/> 2. Transporter and TSDf used have EPA ID number				
B. Pre-Transport Requirements (66262.11-34, 66265.171-199, 66266.130)				
1. Have hazardous waste determination done				
2. Label containers with required HW label		✓		
3. Fill out labels properly		✓		
4. Properly dispose of HW at > accumulation time				
5. Replace containers not in good condition				
6. Replace containers incompatible with contents				
7. Close open containers		✓		
8. Provide required weekly storage area inspection				
9. Provide and log required daily tank inspections				
10. Separate incompatible wastes				
<input checked="" type="checkbox"/> 11. Manage used oil filters properly				
12. Provide secondary containment for HW tanks				
C. Recordkeeping/HW Manifests (CCR 6626.20-42 and 66268.7)				
1. Provide HW manifest TSDf copies for past 3 years				
2. Provide LDRs for past 5 years				
3. Provide HW analysis for past 3 years				
4. Submit Biennial report				
5. Submit SB 14 reports (H&SC Section 25244.19)				
6. Keep milkrun receipts 3 years				
7. Send HW manifests to DTSC				
8. Complete Recycling exemption form				
D. HW Personnel Training (CCR Sections 66265.16)				
1. Provide employees with HW training/supervision				
2. Provide annual refresher HW training				
3. Submit/revise written employee training plan				
4. Provide written HW training records				
5. Keep training records till closure or 3 years after employee leaves				
E. Contingency Plan (CCR Sections 66265.53-55)				
1. Submit/revise written contingency plan				
2. Ensure emergency coordinator familiar with plan				
F. Preparedness and Prevention (CCR 66265.14-35)				
1. Provide spill control and decontamination equipment				
2. Repair/replace missing/damaged equipment				
3. Provide adequate aisle space in HW storage area				

Waste Streams

<input checked="" type="checkbox"/> Waste/Used Oil <u>Exempt 8/24/06</u>	Oily Sludge	Dry Cleaning Solvent
<input checked="" type="checkbox"/> Solvent/Parts Cleaner	Used Oil Filters <u>9/14/06</u>	<input checked="" type="checkbox"/> Universal Waste - exempt
<input checked="" type="checkbox"/> Antifreeze/Coolant <u>8/5/06</u>	Photo Chemicals	<input checked="" type="checkbox"/> Universal Waste - SQH
Silver	Gluteraldehyde	Other:

		<u>10/16/06</u>
Received by: Signature of Facility Representative	Printed Name	Date of Inspection

Return to Compliance: I certify that all the above noted **Minor** violations have been corrected
 Name: _____ Signature: _____ Date: _____

UNIVERSAL WASTE GENERATOR CHECKLIST

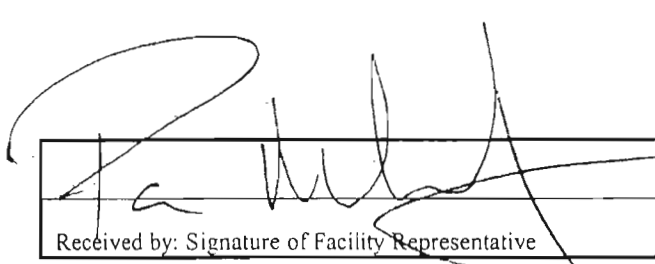
Notice to Comply (Minor Violations-Correct within 30 days) and Summary of Violations (Class I and II Violations)

well... to... recyclers stop waste...

Facility Name: <i>Ken's Tire Service</i>	Address: <i>1012 N. US 90 Rd</i>	<i>(Liv./Pleas.)</i>
Inspector: <i>Paul Smith</i>	<i>CA LDD00159234</i>	

Small Quantity Handler Large Quantity Handler

Requirements for Small Quantity Universal Waste Handler				
	Minor Viol.	Class II Viol.	Class I Viol.	Comments
A. Identification Number				
1. Note: Do not need EPA ID No.				
2. Note: A hazardous waste hauler is not required				
B. Pre-Transport Requirements				
1. Do not accumulate >5.5 tons				
2. Do not hold UW for more than one year				
3. Document accumulation time for each item/groups of items. Several options allowed				<i>Need to retain, label and properly manage waste fluorescent bulbs & batteries - NiCd, alkaline</i>
4. Label UW to ID types. Several labeling options allowed				<i>containing mercury</i>
5. Do not treat UW, except when cleaning up releases or managing specific wastes listed in 66273.13				
6. Clean up releases				
7. Use applicable DOT marking requirements for off-site shipments				
C. Recordkeeping/HW Manifests				
1. Use proper shipping papers.				
2. Keep records of all shipments and receipts for three years				<i>retain records documenting proper disposal</i>
C. Disposal Method				
1. Send all UW to either 1) another small or large quantity UW handler or 2) destination facility authorized to collect, recycle or dispose of universal waste.				
2. Do not dispose of UW to the trash (See back of page for exemptions)				
3. Ship to another small or large quantity UW handler or destination facility.				
4. Comply with rules for UW export if shipping out of the county.				
D. HW Personnel Training (CCR Sections 66265.16)				
1. Train employees in proper UW handling and emergency procedures. Can be done by giving written directions or posting directions in the UW management area of the building				

		<i>10/16/06</i>
Received by: Signature of Facility Representative	Printed Name	Date of Inspection

Return to Compliance: I certify that all the above noted **Minor** violations have been corrected

Name: _____ Signature: _____ Date: _____

LIVERMORE-PLEASANTON FIRE DEPARTMENT

INSPECTION REPORT NARRATIVE

Name of Facility: <u>Ken's Tire</u>	Address: <u>1012 N. Vasco Rd.</u>	(Liv./Pleas.)
Inspector: <u>Paul Smith</u>		

Fire Code issues:

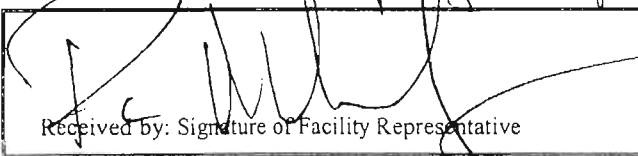
- 2) Need to obtain and use an oily metal rag bin for spent rags.
- 3) Tire storage of auto and truck tires at west and south outside areas excessive. Need to reduce ASAP.
- 4) Tire storage of used tires in side fenced enclosure attached to the rear of the shop is poor. Need to establish 40" egress and reduce # of tires if possible in this enclosure.
- 5) Has (9) 5 gal container labeled Interior enamel flammable alkylid resin. These have been dumped off at this site and are being stored inside the shop area. Need to dispose of this waste. Since this waste (only) since it was abandoned I recommended to Ken, after checking with Bill Pollock of Alameda Co Household Hazardous waste, that he complete an application as a conditionally exempt small quantity generator for abandoned waste only. This will allow you to dispose of waste paint only. I provided an application. A CESQG is a designation that less than 27 gal/waste/month is generated by this shop and applies only to abandoned waste, not all other wastes generated onsite.

HMP issues:

- 6) Need to update HMP to reflect inventory changes noted on the inspection report.
- 7) No current worker training records available regarding handling leaks/spills MSDS, hazardous waste management - labeling, lids for all applicable staff. Need to retain records in ~~and~~ writing each year.

Hazardous waste issues:

- 8) waste absorbent noted on north side and west yards illegally dumped by a previous employee. Need to remove all of this waste ASAP - properly manage.
- 9) Need to label waste oil, waste coolant, filters all noted unlabeled.
- 10) Fill out labels completely. I provided several labels.

 Received by: Signature of Facility Representative	Printed Name	Date of Inspection <u>10/16/06</u>
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LIVERMORE-PLEASANTON FIRE DEPARTMENT

INSPECTION REPORT
NARRATIVE

Name of Facility: <u>Kens Tire</u>	Address: <u>1012 N. Vasco Rd</u>	<u>Liv/Pleas.</u>
Inspector: <u>Paul Smith</u>		

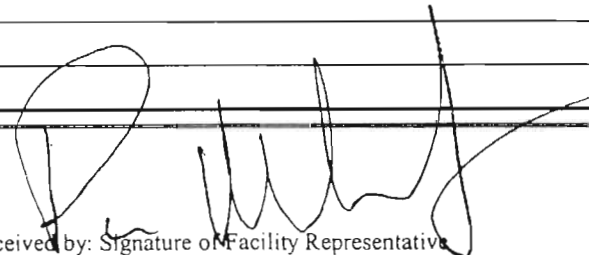
11 Hazardous waste - continued:
 No lids available for new coolant, waste coolant or waste oil vessels. The law requires that ~~labels be provided~~ for all lids be kept closed whenever not in putting or withdrawing wastes. Keep drums closed.

12 Universal waste compliance:
 waste fluorescent bulbs are generated. These must be retained, labeled and managed as U.W. Retain receipts - vendors to pick up waste halogens alkaline, NiCd and bulbs can be referenced by contacting stepwaste.org

13 waste oil spillage noted in front of building from overflow of waste oil tank. I recommend obtaining an overflow limit switch tied in to an alarm to prevent future overfills. Need to clean up this spill and all other conspicuous leaks/spills to parking area ASAP

14 Also the fill port to the waste oil is approximately 6' above the ground surface. Need to obtain a step or stair that will allow the employee to safely pour waste oil and minimize spillage.

Complete each of the above within 30 days. A follow up inspection is scheduled for 11/16/06 at 9am - Monday

	Printed Name	Date of Inspection <u>10/14/06</u>
Received by: Signature of Facility Representative		

B

Livermore-Pleasanton Fire Department
Fire Inspection Report - Cover Page

Business Name: KENS TIRE Type of Business: AUTOMOTIVE
 Address: 1012 N. VASCO Suite: _____ Livermore / Pleasanton
 Contact Person: DAM MCGINTY Phone: 443-8473
 Permission to inspect obtained

Emergency Contact Information Sheet: Update given to contact person
 Still current
 Permit Status: No changes
 Changes: _____
 Pre-Plan needs to be updated (forward to pre-plan specialist)

	Date	Letter	Inspector Initials
Initial Inspection	<u>2-17-05</u>	<input type="checkbox"/>	
1 st Re-inspection / Letter		<input type="checkbox"/>	
2 nd Re-inspection / Letter		<input type="checkbox"/>	
3 rd Re-inspection / Letter		<input type="checkbox"/>	
4 th Re-inspection / Letter		<input type="checkbox"/>	
Additional Inspections		<input type="checkbox"/>	

No violations noted
 Violations noted - see attached Notice of Violation. Date cleared: _____
 Technical issues referred to the FPB. Date referred: _____. See referral form.
 Failure to correct violations referred to DC. Date referred: _____.
 Failure to correct violations referred to FPB. Date referred: _____. See referral form.

Verification of compliance (re-inspection or compliance certification) due:
 Comments:

Acknowledgement of receipt of inspection forms and re-inspection fee notice
 Inspector's Name (print): PARKER Phone: _____
 Responsible Party Signature: [Signature]
 Title: _____ Date: _____

Livermore-Pleasanton Fire Department

Fire Inspection Report

Facility Name: KENS TIRE	Address: 1012 N. VASCO	(Liv. Pleas.)
Inspector: PARKER		

Viol.		Viol.	
	General Requirements		Exiting
101	Provide address identification	309	Remove deadbolts or similar devices
102	Provide current, tagged Knox box keys	310	Provide/repair panic hardware (>50 A occ.)
103	Keep dumpster 5' from eaves, comb. Walls, openings	311	Clear obstructed exit
104	Keep oily rags in metal container with lid	315	Repair illuminated exit sign
105	Keep comb. rubbish in approved location	316	Maintain exit way illumination
106	Keep outside comb. storage 10' from property line (3' if < 6' high)		Fire Protection Systems
107	Remove/treat drapes, decorations etc.	401	Provide additional fire extinguishers
108	Provide max. occupancy sign (A Occ)	402	Provide a K rated fire extinguisher in kitchen
109	Maintain fire lane markings and signs	403	Mount fire extinguisher
110	Clean Grease laden ducts (kitchen)	404	Service fire extinguishers
111	Post NFPA placards (if applicable)	405	Provide hood and duct system (kitchen)
112	Remove combustible rubbish	406	Extend fire protection system
113	Maintain combustible materials in orderly fashion and away from exits	407	Make fire sprinkler valve accessible and lock
114	Remove non-compliant space heater	408	Maintain fire protection system (5 year cert. for water. Semi annual for other systems)
115	Fire assemblies shall be maintained in working condition (Rated walls, doors, etc)	409	Maintain fire department connection
116	Provide stairway identification (≥ 4 stories)	410	Every apt. unit and hotel/motel sleeping unit above 1 st floor shall have smoke detector
117	Provided with info. re. Emergency Plans (Hotels, motels, office buildings 2 or more stories in height, all high-rises, Group 1 Division 1 and 2 Occupancies)	411	Maintain on-site fire hydrants
	Electrical	412	Repair fire alarm system
201	Comply with restrictions re. temp. wiring	413	Provide spare fire sprinkler heads
✓ 202	Remove cords affixed through walls etc. <input type="checkbox"/>	414	Maintain fire pumps
✓ 203	Maintain 30" W and 78" H clearance at electrical panels	415	Provide supervision for fire protection system control valves
204	Label electrical panels	416	Maintain fire doors
205	Cease using unapproved electrical equipment		Storage
206	Maintain motors in good condition	601	Remove storage below stairs without 1 hour construction
✓ 207	Fix cover plates, outlets, other electrical	602	Secure storage racks
		601	Remove storage below stairs without 1 hour construction
		603	Keep storage > 18" below fire sprinklers
		604	Keep storage > 24" from ceiling in unsprinklered buildings
		605	Maintain aisle widths in storage areas

The following inspection lists were also used. Violations observed are noted on the attached Narrative page.

<input type="checkbox"/> Compressed Gases	<input type="checkbox"/> Medical Gases	<input type="checkbox"/> LPG
<input type="checkbox"/> Welding and Cutting	<input type="checkbox"/> Application of Flammable Finishes	<input type="checkbox"/> High Piled Combustible Storage
<input type="checkbox"/> Place of Assembly	<input type="checkbox"/> Repair Garage	<input type="checkbox"/> Motor Vehicle Fueling
<input type="checkbox"/> Dust Collection Systems	<input type="checkbox"/> Flammable and Combustible liquids	<input type="checkbox"/> Other

Received by: Signature of Facility Representative	Printed Name _____	Date of Inspection _____
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Livermore-Pleasanton Fire Department
Fire Inspection Notice of Violation

Business Name: KENS TIRE
Address: 1012 N. VASCO Suite: _____ Liver./Pleas.

Supplemental Information

- ① Remove STORAGE from elec PANEL IN STORAGE
- ② Relocate TIRES (WASTE) FROM REAR of BUILD TO FENCE LINE
- ③ SWITCH COVERS, INSTALL PLATES IN BATHROOM, PARTS DEPT.
- ④ Remove EXT cond going FROM BUILD TO BUILD FIND FIXED SOURCE.

Acknowledgement of Receipt
Inspectors Name (print): PARKER
Responsible Party Signature [Signature] Date: _____

All Violations Corrected. Date 6/10/05 FD Inspector: PARKER, CHRIS

We will accept a compliance certification of correction statement in lieu of re-inspection. When all corrections are completed sign the below statement and return to the attention of the inspector at the Livermore-Pleasanton Fire Department, 4550 East Avenue, Livermore, California 94550

I certify that all of the above noted corrections have been completed. I understand that this certification may be verified through a spot check program.

Signature: _____ Printed Name: _____ Date: _____

Livermore-Pleasanton Fire Department

RECEIVED
MAR 09 2004
FIRE PREVENTION

Certificate of Return to Compliance

KEN'S TIRE SERVICE
1012A N. VASCO RD.

LIVERMORE, CA 94554-8784

Liv/Pleas.

Facility Name:

Inspector

During the Fire and Unified Program inspection of your facility conducted on 12/2/03, one or more violations were noted.

The Fire Department will accept this Certification of Return to Compliance in lieu of a re-inspection.

Attachments Required (listed below):

- Hazardous Materials Business Plan
- UST Site Plan
- UST Response Plan
- Other Secondary Containment
- Other worker training
- UST annual monitoring certification
- UST Monitoring Plan
- UST Financial Responsibility Documentation
- Other leak-in waste absorbent
- Other placards NFPA posted

No Attachments Required

When all corrections have been completed, sign the below statement and return this form along with the documents noted about to my attention at the Livermore-Pleasanton Fire Department, 4550 East Avenue, Livermore, California 94550.

If you have any questions, please call me at 925-454-2339

I certify that all of the violations noted during the Fire and Unified Program on 12-2-03 have been corrected.. I understand that this certification may be verified through a spot check program.

Signature: Pam M. McInty Printed Name: Pam McInty Date: 1-31-04

Title: Bookkeeper

LIVERMORE-PLEASANTON FIRE DEPARTMENT

INSPECTION REPORT
NARRATIVE

Name of Facility: <u>Ken's Tire Service</u>	Address: <u>1012 N Vasco Rd #A, Livermore</u>
Inspector: <u>Paul Smith</u>	

Follow up inspection to compliance issues noted in 7/30/02 inspection report

we discussed preparation of the HMSP. Need to complete & submit within 10 days by 12/13/03

Need labels - haz waste legible placarded on waste oil, waste coolant and waste oil filters

Need secondary containment for waste & new coolant stored next to roll up door.

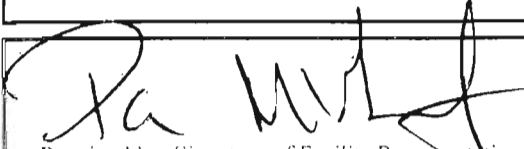
Need to perform worker training to all applicable staff regarding handling leaks/spills.

Waste absorbent still currently used and disposed of into trash, no reg service. I informed this shop that contaminated absorbent will likely contain levels of oil/grease which would render this waste hazardous. Need to retain this waste in appropriate drum w/ label & lid and manage as hazardous waste. Need to profile this wastestream to determine whether it's hazardous waste.

I will provide you with the appropriate #'s to label on your NFPA placard. Need to post two placards.

Complete each of the above issues and fill out the Certificate of Compliance and include with your HMSP

Complete the emergency contact sheet.

	<u>Pam McEnby</u>	<u>12/2/03</u>
Received by: Signature of Facility Representative	Printed Name	Date of Inspection

LIVERMORE-PLEASANTON FIRE DEPARTMENT

4550 East Avenue, Livermore, CA 94550

925-454-2362

x/1/02
 Called Ken
 - gave him a FAT # 1,4,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100
 - found him waste hauler.

INSPECTION REPORT SUMMARY

Name of Facility: <u>Kens Tire Service</u>	Street Address: <u>1012 N Vasco Rd, #A</u>
Contact Person: <u>Jovani (Ken) Lintiaico</u>	Telephone: <u>925 443-8473</u>
Inspector: <u>Paul Smith</u>	E-Mail:

UNIFIED PROGRAM SUMMARY	Program	Inspection	COMMENTS
Fire Code	X	X	
Hazardous Materials Business Plan	X	X	
Risk Management Plan / CalARP			
Underground Storage Tank			
Aboveground Petroleum Storage Tank			
Does the facility have an SPCC Plan?			
Hazardous Waste Generator	X	X	
Tiered Permit: Permit-by-Rule			
Conditionally Authorized			
Conditionally Exempt, Specified Waste Stream			
Conditionally Exempt, Small Quantity Treatment			
Conditionally Exempt, Limited			
Conditionally Exempt, Commercial Laundry			
CAD Note and (if applicable) Tactical Plan Checked	X		<input type="checkbox"/> Gave Emergency Contact Sheet

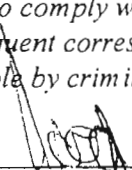
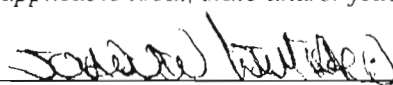
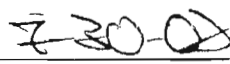
INSPECTION CHECKLISTS COMPLETED AND ATTACHED
<input checked="" type="checkbox"/> HMBP Inspection Checklist
<input checked="" type="checkbox"/> Hazardous Waste Generator Inspection Checklist
<input type="checkbox"/> Tiered Permit Inspection Checklist
<input checked="" type="checkbox"/> Uniform Fire Code Checklist
<input type="checkbox"/> Underground Storage Tank Checklist(s)
<input checked="" type="checkbox"/> Inspection Narrative
<input type="checkbox"/> Other :

Did a facility representative grant permission for this inspection?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
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Submit all required documents, reports and/or plans (including Corrective Action Plan) within 30 days.

All violations noted are to be corrected immediately. Compliance will be verified on or after _____.

Failure to comply with requirements established in this inspection report and in all attachments to this report, or in subsequent correspondence may result in the issuance of a Notice of Noncompliance. Noncompliance is punishable by criminal and/or civil penalties under applicable local, state and/or federal laws or regulations.

		
Received by: <i>Signature of Facility Representative</i>	Printed Name	Date of Inspection

HAZARDOUS WASTE GENERATOR INSPECTION CHECKLIST

Notice to Comply (Minor Violations) and Summary of Violations (Class I and II Violations)

Facility Name: <i>Ken's Tire Service</i>	Address: <i>1012 N Vasco Rd A</i> (Liv) Pleas.
Inspector: <i>Paul Smith</i>	EPA ID No.: <i>CA L000 159234</i>

Conditionally Exempt SQG
 Small Quantity Generator
 Large Quantity Generator

	Minor Viol.	Class II Viol.	Class I Viol.	Comments
A. Identification Number (CCR 66262.12)				
<input checked="" type="checkbox"/> 1. Obtain EPA ID number				
<input checked="" type="checkbox"/> 2. Transporter and TSD used have EPA ID number				
B. Pre-Transport Requirements (66262.11-34, 66265.171-199, 66266.130)				
<input checked="" type="checkbox"/> 1. Have hazardous waste determination done				
2. Label containers with required HW label	✓			<i>Need to label all haz wastes -- labels provide EPA ID#, accumulation start date etc.</i>
3. Fill out labels properly	✓			
4. Properly dispose of HW present > accumulation time				
5. Replace containers not in good condition	✓			<i>some drums have holes on lids - get rid of</i>
6. Replace containers incompatible with contents				
7. Close open containers	✓			<i>Keep lids closed whenever not inputting or withdrawing waste</i>
8. Provide required weekly storage area inspection	✓			
<input checked="" type="checkbox"/> 9. Provide and log required daily tank inspections				
<input checked="" type="checkbox"/> 10. Separate incompatible wastes				
<input checked="" type="checkbox"/> 11. Manage used oil filters properly				
12. Provide secondary containment for HW tanks	✓			<i>Need secondary containment for oil tank</i>
C. Recordkeeping/HW Manifests (CCR 6626.20-42 and 66268.7)				
<input checked="" type="checkbox"/> 1. Provide HW manifests (TSDF copies) for past 3 years				
2. Provide LDRs for past 5 years				
3. Provide HW analysis for past 3 years				
4. Submit Biennial report				
5. Submit SB 14 reports (H&SC Section 25244.19)				
<input checked="" type="checkbox"/> 6. Keep milkrun receipts 3 years				
7. Send HW manifests to DTSC				
8. Complete Recycling exemption form				
D. HW Personnel Training (CCR Sections 66265.16)				
1. Provide employees with HW training/supervision	✓			<i>need to provide training for all employees handling haz waste. perform annually.</i>
2. Provide annual refresher HW training	✓			
3. Submit/revise written employee training plan				
4. Provide written HW training records				
5. Keep training records till closure or 3 years after employee leaves				
E. Contingency Plan (CCR Sections 66265.53-55)				
1. Submit/revise written contingency plan	✓			<i>need written contingency plan addressing spills/releases</i>
2. Ensure emergency coordinator familiar with plan	✓			
F. Preparedness and Prevention (CCR 66265.14-35)				
1. Provide spill control and decontamination equipment				
2. Repair/replace missing/damaged equipment				
3. Provide adequate aisle space in HW storage area				
Waste Streams				
<input checked="" type="checkbox"/> Waste/Used Oil <i>450 gal</i> <i>Excl 5/3/02</i>		Oily Sludge		Dry Cleaning Solvent
<input checked="" type="checkbox"/> Solvent/Parts Cleaner <i>1/1/02</i>		Used Oil Filters <i>7/29/02</i>		Other:
<input checked="" type="checkbox"/> Antifreeze/Coolant <i>6/21/02</i> <i>4 gal</i>		Photo Chemicals		Other:

Received by: <i>[Signature]</i> Signature of Facility Representative	Printed Name: <i>JOACQUET BOUTIERO</i>	Date of Inspection: <i>7-30-02</i>
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Livermore-Pleasanton Fire Department

Fire Inspection Notice of Violation

Facility Name: <i>Ken's Fire Service</i>	Address: <i>1012 N. Vasco Rd unit A</i> Liv/Pleas.
Inspector: <i>Paul Smith</i>	

Viol.	General Requirements	Viol.	Exiting
	101 Provide address identification	309	Remove deadbolts or similar devices
	102 Provide current, tagged Knox box keys	310	Provide/repair panic hardware (>50 A occ.)
	103 Keep dumpster 5' from eaves, comb. Walls, openings	311	Clear obstructed exit
	104 Keep oily rags in metal container with lid	315	Repair illuminated exit sign
	105 Keep comb. rubbish in approved location	316	Maintain exit way illumination
	106 Keep outside comb. storage 10' from property line (3' if < 6' high)		Fire Protection Systems
	107 Remove/treat drapes, decorations etc.	401	Provide additional fire extinguishers
	108 Provide max. occupancy sign (A Occ)	402	Provide a K rated fire extinguisher in kitchen
	109 Maintain fire lane markings and signs	403	Mount fire extinguisher
	110 Clean Grease laden ducts (kitchen)	✓ 404	Service fire extinguishers
✓	111 Post NFPA placards (if applicable)	405	Provide hood and duct system (kitchen)
✓	112 Remove combustible rubbish	406	Extend fire protection system
	113 Maintain combustible materials in orderly fashion and away from exits	407	Make fire sprinkler valve accessible and lock
	114 Remove non-compliant space heater	408	Maintain fire protection system (5 year cert. for water. Semi annual for other systems)
	115 Fire assemblies shall be maintained in working condition (Rated walls, doors, etc)	409	Maintain fire department connection
	116 Provide stairway identification (≥ 4 stories)	410	Every apt. unit and hotel/motel sleeping unit above 1 st floor shall have smoke detector
	117 Provided with info. re. Emergency Plans (Hotels, motels, office buildings 2 or more stories in height, all high-rises, Group I Division 1 and 2 Occupancies)	411	Maintain on-site fire hydrants
		412	
	Electrical	413	Repair fire alarm system
	201 Comply with restrictions re. temp. wiring	414	Provide spare fire sprinkler heads
	202 Remove cords affixed through walls etc. <input type="checkbox"/>	415	Maintain fire pumps
	203 Maintain 30" W and 78" H clearance at electrical panels	416	Provide supervision for fire protection system control valves
	204 Label electrical panels	417	Maintain fire doors
	205 Cease using unapproved electrical equipment		Storage
	206 Maintain motors in good condition	601	Remove storage below stairs without 1 hour construction
	207 Fix cover plates, outlets, other electrical	602	Secure storage racks
		601	Remove storage below stairs without 1 hour construction
		603	Keep storage > 18" below fire sprinklers
		604	Keep storage > 24" from ceiling in unsprinklered buildings
		605	Maintain aisle widths in storage areas

on pms

* *Knox box building key replaced today*

The following inspection lists were also used. Violations observed are noted on the attached Narrative page.

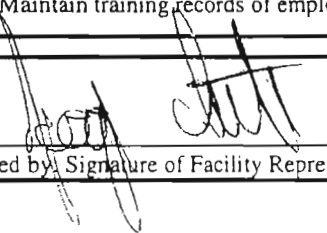
<input type="checkbox"/> Compressed Gases	<input type="checkbox"/> Medical Gases	<input type="checkbox"/> LPG
<input type="checkbox"/> Welding and Cutting	<input type="checkbox"/> Application of Flammable Finishes	<input type="checkbox"/> High Piled Combustible Storage
<input type="checkbox"/> Place of Assembly	<input type="checkbox"/> Repair Garage	<input type="checkbox"/> Motor Vehicle Fueling
<input type="checkbox"/> Dust Collection Systems	<input type="checkbox"/> Flammable and Combustible liquids	<input type="checkbox"/> Other _____

Received by: <i>[Signature]</i>	Printed Name: <i>JACQUES BARTOLO</i>	Date of Inspection: <i>7-30-02</i>
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HMBP Inspection Checklist

Facility Name: <u>Ken's Tire Service</u>	Address: <u>Liv./sPleas. 1012 N. Vasco Rd, A</u>
Inspector: <u>Paul Smith</u>	

	Viol.	Comments
Submit an HMBP – no HMBP on file with LPFD (CCR 2729.2)		HMMP Code:
Submit a complete and current HMBP – information is incomplete and/or out of date (CCR 2729.2)	✓	need to complete - Submit a ^{Hazardous} Business Pl
Maintain a copy of current HMBP on site (CCR 2729.1)	✓	
A. BUSINESS INFORMATION (CCR 2729.1 – 2729.5)		
1. Correct inaccurate information and/or supply missing information in Business Owner/Operator Identification Page.		
2. Sign certification statement		
B. CHEMICAL INVENTORY (CCR 2729.1 – 2729.5)		
1. Revise Inventory Statement to reflect actual inventory on site. Undisclosed chemicals over the reporting threshold 100% or more increase in quantity		
2. Correct inaccurate information and/or supply missing information regarding the hazardous materials listed		
C. SITE MAPS (CCR 2729.2 and Appedndix A)		
1. Indicate location of chemicals on storage plan/map.		
2. Supply missing items on plan/map.		
3. Revise plan/map to reasonably reflect actual layout.		
D. EMERGENCY RESPONSE PLAN (CCR 2731)		
1. Establish a written Emergency Response Plan		
2. Maintain Emergency Response Plan on-site.		
3. Revise Plan to include all required elements – see back of this page for details.		
4. Correct inaccurate/out of date information		
E. EMPLOYEE TRAINING (CCR 2732)		
1. Establish a written Employee Training Plan.		
2. Mainatin Employee Training Plan on-site		
3. Revise Plan to include all required elements – see back of this page for details.		
4. Correct inaccurate/out of date information		
5. Maintain training records of employees.		

 Received by: <u>Signature of Facility Representative</u>	<u>Paul Smith</u> Printed Name	<u>7-30-01</u> Date of Inspection
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LIVERMORE-PLEASANTON FIRE DEPARTMENT

INSPECTION REPORT SUMMARY NARRATIVE

Name of Facility: <u>Kon's Tire Service</u>	Address: <u>1012 N Vasco Rd, A, Livermore</u>
Inspector: <u>Paul Smith</u>	

Site inspection regarding hazardous waste management, Hazardous Materials Business Plan and Fire Code Compliance.

Hazardous waste issues:

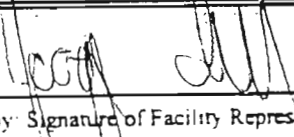


- Need to label all hazardous waste stored onsite, some unlabelled including waste glycol, oil, absorbent - Fill out labels completely.
- One 16 gal oil drum full has lid with holes drilled on top ~~rest~~ stored in back on dirt.
- Need to store properly and dispose of this drum / lid
- Has (4) empty / ^{partial} ethylene drums stored without bung plugs. Need to evacuate these and if not needed dispose.
- Has (3) full / partial drums stored out back containing what appears to be waste oil, moved ^{off} for
- Need to store / dispose of properly.
- need to conduct a weekly inspection of all hazardous waste storage areas to assure that labels, lids, housekeeping is other Form provided
- need secondary containment for all liquid hazardous materials / waste, currently not contain ^{red}
- 55 gal new - used antifreeze and all full / partial drums stored out back.
- Need to provide annual training + document for all ~~hazardous~~ workers handling hazardous waste - form provided. Currently no records available.
- Need a written plan addressing measures this facility will take in the event of a spill / release
- Provide a copy to this office as part of HMBP.
- Currently waste absorbent is disposed of into the trash. I informed this facility that it should be used many times until ineffective then retained, labeled and managed as hazardous waste. I will provide you with a list of disposal companies.

Hazardous materials Business Plan issues:

Need to complete a Hazardous materials Business Plan (HMBP) indicating all materials/waste stored over 55 gal - liquid, 200 ft³ - compressed gases or 500 lbs - solids. Items identified over these thresholds are new oil, waste oil, new antifreeze, waste antifreeze

Fire Code issues

Two extinguishers noted onsite expired or discharged 1 - yesterday, need to have serviced.
 • extinguisher next to water cooler needs to be more accessible.

 Received by: <u>Signature of Facility Representative</u>	 Printed Name	 Date of Inspection
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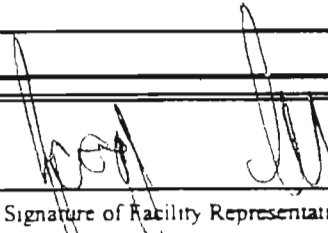
LIVERMORE-PLEASANTON FIRE DEPARTMENT

INSPECTION REPORT SUMMARY NARRATIVE

Name of Facility: <u>Kens Tire Service</u>	Address: <u>1012 N. Vasco^{PA}, A, Livermore</u>
Inspector: <u>P. Smith</u>	

Fire code issues continued
Need to have NFPA placards posted outside front of the building. I will let you know hazard numbers.
There are some combustible materials stored next to building including (1) 55 gal polyethylene trash can at NW corner of repair shop building and 30 gal zip absorbent stored along S side of building, need to get rid of. There are many tires stored on west and south sides - some for re-sale. If possible reduce inventories due to fire hazard.

Please complete each of the above requirements within 30 days, including HMBP and submit with ~~certification~~ a copy with a completed certificate of completion provided. Contact me if you have any questions at 925 454-2336

	<u>Jonathan Martinez</u>	<u>7/30/02</u>
Received by: Signature of Facility Representative	Printed Name	Date of Inspection

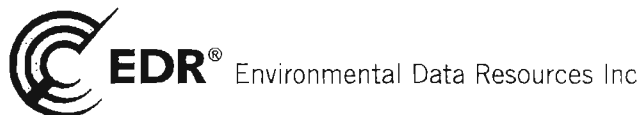
Appendix E

Genos Country Store, Inc.

1000 N. Vasco Rd.
Livermore, CA 94551

Inquiry Number: 2448230.2s
March 20, 2009

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1000 N. VASCO RD.
LIVERMORE, CA 94551

COORDINATES

Latitude (North): 37.713200 - 37° 42' 47.5"
Longitude (West): 121.724900 - 121° 43' 29.6"
Universal Tranverse Mercator: Zone 10
UTM X (Meters): 612390.1
UTM Y (Meters): 4174554.8
Elevation: 526 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 37121-F6 ALTAMONT, CA
Most Recent Revision: 1981

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2005
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
KEN'S TIRE SERVICE 1000 N VASCO ROAD LIVERMORE, CA 94550	HAZNET	N/A
GENO'S COUNTRY STORE 1000 N VASCO ROAD LIVERMORE, CA 94550	HAZNET	N/A
GENO'S DELI 1000 VASCO RD N LIVERMORE, CA 94550	LUST Status: Completed - Case Closed HIST UST	N/A
CREEK AREA, 1000 NORTH VASCO CREEK AREA, 1000 NORTH VASCO LIVERMORE, CA	ERNS	N/A

EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR..... EnviroStor Database

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

SLIC..... Statewide SLIC Cases

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST..... Active UST Facilities

AST..... Aboveground Petroleum Storage Tank Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

WMUDS/SWAT..... Waste Management Unit Database

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs

HIST Cal-Sites..... Historical Calsites Database

SCH..... School Property Evaluation Program

Toxic Pits..... Toxic Pits Cleanup Act Sites

CDL..... Clandestine Drug Labs

Local Land Records

LIENS 2..... CERCLA Lien Information

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

State and tribal leaking storage tank lists

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 01/06/2009 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LIVERMORE DUBLIN DISPOSAL COMP Status: Completed - Case Closed	6175 FRONT ST S	SE 1/8 - 1/4 (0.151 mi.)	B7	14
MTM GENERAL STORE AND GAS Status: Completed - Case Closed	115 VASCO RD S	SSE 1/4 - 1/2 (0.417 mi.)	9	17

CS: A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

A review of the CS list, as provided by EDR, and dated 10/28/2008 has revealed that there are 2 CS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LIVERMORE CORPORATION YARD NICA METALS	6175 S FRONT RD 6491 SOUTHFRONT RD	SE 1/8 - 1/4 (0.151 mi.) ESE 1/4 - 1/2 (0.432 mi.)	B8 10	14 18

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

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

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

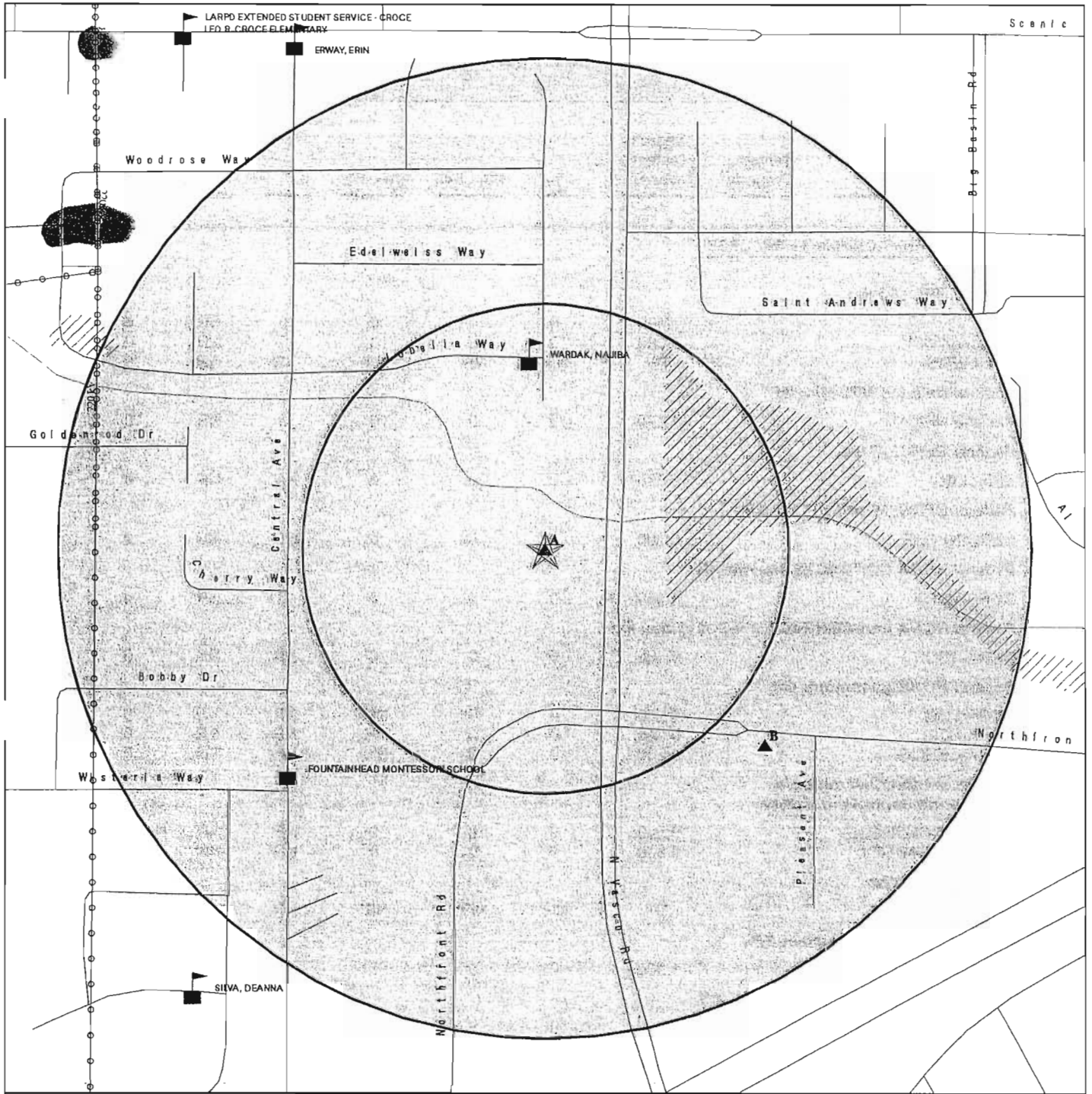
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LIVERMORE CORPORATION YARD	6175 S FRONT RD	SE 1/8 - 1/4 (0.151 mi.)	B8	14

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
SAN ANTONE VALLEY RANCH CORP	SWEEPS UST
KIMBERLY COMMONS MERCURY	CERCLIS
OLIVINA AVE. MERCURY	CERCLIS

DETAIL MAP - 2448230.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ⚡ Sensitive Receptors
- ▨ National Priority List Sites
- ▩ Dept. Defense Sites

- ▨ Indian Reservations BIA
- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- ▩ National Wetland Inventory

- ▨ Areas of Concern

0 1/16 1/8 1/4 Miles



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Genos Country Store, Inc.
 ADDRESS: 1000 N. Vasco Rd.
 Livermore CA 94551
 LAT/LONG: 37.7132 / 121.7249

CLIENT: Krazan & Associates, Inc.
 CONTACT: Amanda Williams
 INQUIRY #: 2448230.2s
 DATE: March 20, 2009 2:32 pm

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
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST		0.250	0	0	NR	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP		0.500	0	0	0	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
HAULERS		TP	NR	NR	NR	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
HIST Cal-Sites		1.000	0	0	0	0	NR	0
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	X	0.250	0	1	NR	NR	NR	1
HIST UST	X	0.250	0	1	NR	NR	NR	1
SWEEPS UST	X	0.250	0	1	NR	NR	NR	1
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
LIENS		TP	NR	NR	NR	NR	NR	0
DEED		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
CHMIRS	X	TP	NR	NR	NR	NR	NR	0
LDS		TP	NR	NR	NR	NR	NR	0
MCS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
Target
Property

KEN'S TIRE SERVICE
1000 N VASCO ROAD
LIVERMORE, CA 94550

HAZNET S103973253
N/A

Site 1 of 6 in cluster A

Actual:
526 ft.

HAZNET:

Gepaid: CAL000159234
Contact: KEN LIMTIACO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1012-A N VASCO RD
Mailing City,St,Zip: LIVERMORE, CA 945509268
Gen County: 1
TSD EPA ID: CAD093459485
TSD County: Fresno
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Tons: .0832
Facility County: 1

Gepaid: CAL000159234
Contact: KEN LIMTIACO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1012-A N VASCO RD
Mailing City,St,Zip: LIVERMORE, CA 945509268
Gen County: 1
TSD EPA ID: CAD982446874
TSD County: Yolo
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: 0.3336
Facility County: 1

Gepaid: CAL000159234
Contact: KEN LIMTIACO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1012-A N VASCO RD
Mailing City,St,Zip: LIVERMORE, CA 945509268
Gen County: 1
TSD EPA ID: CAD093459485
TSD County: Fresno
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Tons: .0624
Facility County: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

A3 GENO'S DELI
Target 1000 VASCO RD N
Property LIVERMORE, CA 94550

LUST U001597312
HIST UST N/A

Site 3 of 6 in cluster A

Actual:
526 ft.

LUST:

Region: STATE
Global Id: T0600101875
Latitude: 37.71106
Longitude: -121.724472
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 2000-05-22 00:00:00
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: Not reported
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: 01-2030
LOC Case Number: RO0000410
File Location: Local Agency
Potential Media Affect: Not reported
Potential Contaminats of Concern: Gasoline
Site History: LUFT Con. LC 3HSCAW no analysis for MTBE, but RWQCB concurred with closure in Sept11/04/1998

LUST:

Region: 2
Facility Id: 01-2030
Facility Status: Case Closed
Case Number: 4139
How Discovered: OM
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST UST:

Region: STATE
Facility ID: 00000043283
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0004
Contact Name: EUGENE A. MACEDO
Telephone: 4154439582
Owner Name: EUGENE A. OR SHIRLEY A.
Owner Address: 178 WINGED FOOT PL
Owner City,St,Zip: SAN RAMON, CA 94530

Tank Num: 001
Container Num: 1
Year Installed: 1981
Tank Capacity: 00010000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

(Continued)

S105663262

Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: 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
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: 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: Not reported
Waterway Involved: Yes
Waterway: Arroyo Las Positas
Spill Site: Not reported
Cleanup By: to be determined
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 1999
Agency: Livermore Fire Dept
Incident Date: 1/26/1999 12:00:00 AM
Admin Agency: Not reported
Amount: Not reported
Contained: No
Site Type: Waterways
E Date: Not reported
Substance: oil
Quantity Released: Not reported
BBLs: 0
Cups: 0
CUFT: 0
Gallons: 0
Grams: 0
Pounds: 0
Liters: 0
Ounces: 0
Pints: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENO'S MINIMART & GAS (Continued)

S101623793

Stg: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: A
Comp Number: 43283
Number: 2
Board Of Equalization: 44-000426
Ref Date: 02-11-93
Act Date: 11-16-93
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 2
Swrcb Tank Id: 01-000-043283-000002
Actv Date: 02-11-93
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 43283
Number: 2
Board Of Equalization: 44-000426
Ref Date: 02-11-93
Act Date: 11-16-93
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 3
Swrcb Tank Id: 01-000-043283-000003
Actv Date: 02-11-93
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 43283
Number: 2
Board Of Equalization: 44-000426
Ref Date: 02-11-93
Act Date: 11-16-93
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 4
Swrcb Tank Id: 01-000-043283-000004
Actv Date: 02-11-93
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

LIVERMORE CORPORATION YARD (Continued)

U001597333

Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 6175 S FRONT RD
Mailing Address 2: Not reported
Mailing City,St,Zip: LIVERMORE 94550
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST UST:

Region: STATE
Facility ID: 00000016468
Facility Type: Other
Other Type: TRUCK YARD & SHOP
Total Tanks: 0003
Contact Name: BILL BRANDI
Telephone: 4154471300
Owner Name: OAKLAND SCAVENGER COMPANY
Owner Address: 2601 PERALTA ST
Owner City,St,Zip: OAKLAND, CA 94607

Tank Num: 001
Container Num: LV-10-21
Year Installed: 1980
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: 1/4 inches
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: LV-04-22
Year Installed: 1980
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: 1/4 inches
Leak Detection: Visual, Stock Inventor

Tank Num: 003
Container Num: LV-01.5023
Year Installed: 1980
Tank Capacity: 00001500
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual

CA WDS:

Facility ID: San Francisco Bay 011001025
Facility Type: Not reported
Facility Status: Active - Any facility with a continuous or seasonal discharge that is

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LIVERMORE CORPORATION YARD (Continued)

U001597333

Number Of Tanks: 3
Status: A
Comp Number: 16468
Number: 1
Board Of Equalization: 44-000224
Ref Date: 09-01-88
Act Date: 09-01-88
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: LV-04-22
Swrcb Tank Id: 01-000-016468-000002
Actv Date: 07-01-85
Capacity: 4000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 16468
Number: 1
Board Of Equalization: 44-000224
Ref Date: 09-01-88
Act Date: 09-01-88
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: LV-01-5023
Swrcb Tank Id: 01-000-016468-000003
Actv Date: 07-01-85
Capacity: 1500
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

9
SSE
1/4-1/2
0.417 mi.
2201 ft.

MTM GENERAL STORE AND GAS
115 VASCO RD S
LIVERMORE, CA 94550

LUST S102859748
Cortese N/A

Relative:
Higher

LUST: .
_Region: STATE
Global Id: T0600102071
Latitude: 37.70905
Longitude: -121.72411
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1998-03-18 00:00:00
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: Not reported
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: 01-2255
LOC Case Number: RO0000685
File Location: Local Agency
Potential Media Affect: Not reported
Potential Contaminats of Concern: Gasoline

Actual:
539 ft.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LIVERMORE	1009805705	KIMBERLY COMMONS MERCURY	4634 KIMBERLY COMMONS		CERCLIS
LIVERMORE	1009218930	OLIVINA AVE. MERCURY	917 OLIVINA AVENUE	94551	CERCLIS
LIVERMORE	S105931772	SAN ANTONIO VALLEY RANCH CORP.	STAR RT BOX 53	94551	SWEEPS UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 09/29/2008	Source: EPA
Date Data Arrived at EDR: 10/10/2008	Telephone: N/A
Date Made Active in Reports: 11/19/2008	Last EDR Contact: 01/26/2009
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/07/2008	Source: EPA
Date Data Arrived at EDR: 10/16/2008	Telephone: 703-412-9810
Date Made Active in Reports: 12/08/2008	Last EDR Contact: 01/30/2009
Number of Days to Update: 53	Next Scheduled EDR Contact: 04/13/2009
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/03/2007	Source: EPA
Date Data Arrived at EDR: 12/06/2007	Telephone: 703-412-9810
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 03/16/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/15/2009
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/11/2008	Source: EPA
Date Data Arrived at EDR: 09/19/2008	Telephone: 800-424-9346
Date Made Active in Reports: 10/16/2008	Last EDR Contact: 03/03/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 06/01/2009
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/06/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/17/2008	Telephone: 703-603-0695
Date Made Active in Reports: 12/08/2008	Last EDR Contact: 12/29/2008
Number of Days to Update: 52	Next Scheduled EDR Contact: 03/30/2009
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2007	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/23/2008	Telephone: 202-267-2180
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 01/30/2009
Number of Days to Update: 54	Next Scheduled EDR Contact: 04/19/2009
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 11/25/2008	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/26/2008	Telephone: 916-323-3400
Date Made Active in Reports: 01/27/2009	Last EDR Contact: 02/24/2009
Number of Days to Update: 62	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 11/25/2008	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/26/2008	Telephone: 916-323-3400
Date Made Active in Reports: 01/27/2009	Last EDR Contact: 02/24/2009
Number of Days to Update: 62	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 01/19/2009
Next Scheduled EDR Contact: 04/19/2009
Data Release Frequency: Quarterly

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 01/06/2009
Date Data Arrived at EDR: 01/08/2009
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 19

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 01/08/2009
Next Scheduled EDR Contact: 04/06/2009
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

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

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 02/16/2009
Next Scheduled EDR Contact: 05/18/2009
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 01/05/2009
Next Scheduled EDR Contact: 04/06/2009
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 02/09/2009
Next Scheduled EDR Contact: 05/11/2009
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 12/23/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites.

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 03/03/2009
Next Scheduled EDR Contact: 06/01/2009
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 03/03/2009
Next Scheduled EDR Contact: 05/18/2009
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/18/2008
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 34

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 02/16/2009
Next Scheduled EDR Contact: 05/18/2009
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 12/02/2008
Date Data Arrived at EDR: 12/04/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 19

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 02/16/2009
Next Scheduled EDR Contact: 05/18/2009
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009	Source: EPA, Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 02/16/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 05/18/2009
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 06/06/2008	Source: EPA Region 4
Date Data Arrived at EDR: 10/09/2008	Telephone: 404-562-9424
Date Made Active in Reports: 11/19/2008	Last EDR Contact: 02/16/2009
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/18/2009
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 09/08/2008	Source: EPA Region 5
Date Data Arrived at EDR: 09/19/2008	Telephone: 312-886-6136
Date Made Active in Reports: 10/16/2008	Last EDR Contact: 02/16/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 05/18/2009
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/25/2008	Source: EPA Region 6
Date Data Arrived at EDR: 11/26/2008	Telephone: 214-665-7591
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 02/16/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 05/18/2009
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008	Source: EPA Region 7
Date Data Arrived at EDR: 12/30/2008	Telephone: 913-551-7003
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 02/20/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: 05/18/2009
	Data Release Frequency: Varies

INDIAN-UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 12/01/2008	Source: EPA Region 8
Date Data Arrived at EDR: 12/04/2008	Telephone: 303-312-6137
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 02/16/2009
Number of Days to Update: 19	Next Scheduled EDR Contact: 05/18/2009
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients--States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/01/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/14/2008	Telephone: 202-566-2777
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 02/10/2009
Number of Days to Update: 39	Next Scheduled EDR Contact: 04/13/2009
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 03/25/2008	Source: EPA, Region 9
Date Data Arrived at EDR: 04/17/2008	Telephone: 415-972-3336
Date Made Active in Reports: 05/15/2008	Last EDR Contact: 12/22/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 03/23/2009
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 03/04/2009
Number of Days to Update: 30	Next Scheduled EDR Contact: 06/01/2009
	Data Release Frequency: Quarterly

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 01/05/2009	Source: Department of Conservation
Date Data Arrived at EDR: 01/08/2009	Telephone: 916-323-3836
Date Made Active in Reports: 01/27/2009	Last EDR Contact: 01/08/2009
Number of Days to Update: 19	Next Scheduled EDR Contact: 04/06/2009
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 09/30/2008
Date Data Arrived at EDR: 10/06/2008
Date Made Active in Reports: 10/13/2008
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 03/16/2009
Next Scheduled EDR Contact: 04/19/2009
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/29/2008
Date Data Arrived at EDR: 12/29/2008
Date Made Active in Reports: 01/30/2009
Number of Days to Update: 32

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 12/22/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Varies

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 12/31/2007	Source: Office of Emergency Services
Date Data Arrived at EDR: 05/09/2008	Telephone: 916-845-8400
Date Made Active in Reports: 06/20/2008	Last EDR Contact: 02/16/2009
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/18/2009
	Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 01/06/2009	Source: State Water Quality Control Board
Date Data Arrived at EDR: 01/08/2009	Telephone: 866-480-1028
Date Made Active in Reports: 01/27/2009	Last EDR Contact: 01/08/2009
Number of Days to Update: 19	Next Scheduled EDR Contact: 04/06/2009
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 01/06/2009	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/08/2009	Telephone: 866-480-1028
Date Made Active in Reports: 01/27/2009	Last EDR Contact: 01/08/2009
Number of Days to Update: 19	Next Scheduled EDR Contact: 04/06/2009
	Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 11/12/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/18/2008	Telephone: (415) 495-8895
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 03/13/2009
Number of Days to Update: 118	Next Scheduled EDR Contact: 05/18/2009
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 05/14/2008	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 05/28/2008	Telephone: 202-366-4595
Date Made Active in Reports: 08/08/2008	Last EDR Contact: 02/24/2009
Number of Days to Update: 72	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 03/17/2009
Next Scheduled EDR Contact: 06/15/2009
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 02/18/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/08/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 52

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 03/16/2009
Next Scheduled EDR Contact: 06/15/2009
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 10/08/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 52

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/16/2009
Next Scheduled EDR Contact: 06/15/2009
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 10/30/2008	Source: EPA
Date Data Arrived at EDR: 10/31/2008	Telephone: (415) 947-8000
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 12/29/2008
Number of Days to Update: 53	Next Scheduled EDR Contact: 03/30/2009
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2005	Source: EPA/NTIS
Date Data Arrived at EDR: 03/06/2007	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2007	Last EDR Contact: 02/19/2009
Number of Days to Update: 38	Next Scheduled EDR Contact: 06/08/2009
	Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 03/16/2009
Number of Days to Update: 9	Next Scheduled EDR Contact: 06/15/2009
	Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 02/06/2009
Next Scheduled EDR Contact: 05/04/2009
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 12/08/2008
Date Data Arrived at EDR: 12/09/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 97

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 03/09/2009
Next Scheduled EDR Contact: 05/11/2009
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 02/06/2009
Next Scheduled EDR Contact: 05/04/2009
Data Release Frequency: N/A

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 01/06/2009
Date Data Arrived at EDR: 01/07/2009
Date Made Active in Reports: 01/30/2009
Number of Days to Update: 23

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 03/16/2009
Next Scheduled EDR Contact: 06/01/2009
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

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

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 07/07/1999
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 02/20/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/31/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 40

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 02/09/2009
Next Scheduled EDR Contact: 05/11/2009
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 11/10/2008
Date Data Arrived at EDR: 11/25/2008
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 63

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 02/11/2009
Next Scheduled EDR Contact: 05/11/2009
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2008
Date Data Arrived at EDR: 03/20/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 25

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 03/10/2009
Next Scheduled EDR Contact: 06/08/2009
Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 02/14/2008
Date Data Arrived at EDR: 04/10/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 26

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 02/09/2009
Next Scheduled EDR Contact: 05/11/2009
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 12/02/2008
Date Data Arrived at EDR: 12/16/2008
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 42

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/05/2009
Next Scheduled EDR Contact: 06/01/2009
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 12/02/2008
Date Data Arrived at EDR: 12/23/2008
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 35

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/05/2009
Next Scheduled EDR Contact: 06/01/2009
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 12/02/2008
Date Data Arrived at EDR: 12/23/2008
Date Made Active in Reports: 01/30/2009
Number of Days to Update: 38

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: 06/01/2009
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/23/2007
Date Data Arrived at EDR: 07/23/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 17

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 02/09/2009
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 11/06/2008
Date Data Arrived at EDR: 11/17/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 9

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 03/03/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage-tank-sites located in-Riverside county.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/25/2008
Date Made Active in Reports: 12/05/2008
Number of Days to Update: 10

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 11/05/2008	Source: San Diego County Department of Environmental Health
Date Data Arrived at EDR: 12/30/2008	Telephone: 619-338-2371
Date Made Active in Reports: 01/27/2009	Last EDR Contact: 12/30/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 03/30/2009
	Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008	Source: Department Of Public Health San Francisco County
Date Data Arrived at EDR: 09/19/2008	Telephone: 415-252-3920
Date Made Active in Reports: 09/29/2008	Last EDR Contact: 03/16/2009
Number of Days to Update: 10	Next Scheduled EDR Contact: 06/01/2009
	Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008	Source: Department of Public Health
Date Data Arrived at EDR: 09/19/2008	Telephone: 415-252-3920
Date Made Active in Reports: 10/01/2008	Last EDR Contact: 03/16/2009
Number of Days to Update: 12	Next Scheduled EDR Contact: 06/01/2009
	Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 11/07/2008	Source: Environmental Health Department
Date Data Arrived at EDR: 12/03/2008	Telephone: N/A
Date Made Active in Reports: 01/30/2009	Last EDR Contact: 01/12/2009
Number of Days to Update: 58	Next Scheduled EDR Contact: 04/13/2009
	Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 11/19/2008	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 11/19/2008	Telephone: 650-363-1921
Date Made Active in Reports: 11/26/2008	Last EDR Contact: 01/05/2009
Number of Days to Update: 7	Next Scheduled EDR Contact: 04/06/2009
	Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 01/05/2009	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 01/06/2009	Telephone: 650-363-1921
Date Made Active in Reports: 01/27/2009	Last EDR Contact: 01/05/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/06/2009
	Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 05/04/2007
Date Data Arrived at EDR: 05/04/2007
Date Made Active in Reports: 05/24/2007
Number of Days to Update: 20

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 11/26/2008
Date Data Arrived at EDR: 12/30/2008
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 28

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/10/2009
Next Scheduled EDR Contact: 06/08/2009
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/2008
Date Data Arrived at EDR: 09/04/2008
Date Made Active in Reports: 09/18/2008
Number of Days to Update: 14

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/16/2009
Next Scheduled EDR Contact: 05/18/2009
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/09/2009
Next Scheduled EDR Contact: 06/08/2009
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 12/29/2008
Date Data Arrived at EDR: 01/08/2009
Date Made Active in Reports: 01/30/2009
Number of Days to Update: 22

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/08/2009
Next Scheduled EDR Contact: 04/06/2009
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive-Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 11/13/2008
Date Data Arrived at EDR: 12/03/2008
Date Made Active in Reports: 01/30/2009
Number of Days to Update: 58

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 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 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

GENOS COUNTRY STORE, INC.
1000 N. VASCO RD.
LIVERMORE, CA 94551

TARGET PROPERTY COORDINATES

Latitude (North):	37.71320 - 37° 42' 47.5"
Longitude (West):	121.7249 - 121° 43' 29.6"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	612390.1
UTM Y (Meters):	4174554.8
Elevation:	526 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37121-F6 ALTAMONT, CA
Most Recent Revision:	1981

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two 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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u> ALAMEDA, CA	FEMA Flood Electronic Data YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	0600080010A
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> ALTAMONT	NWI Electronic Data Coverage YES - refer to the Overview Map and Detail Map
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HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

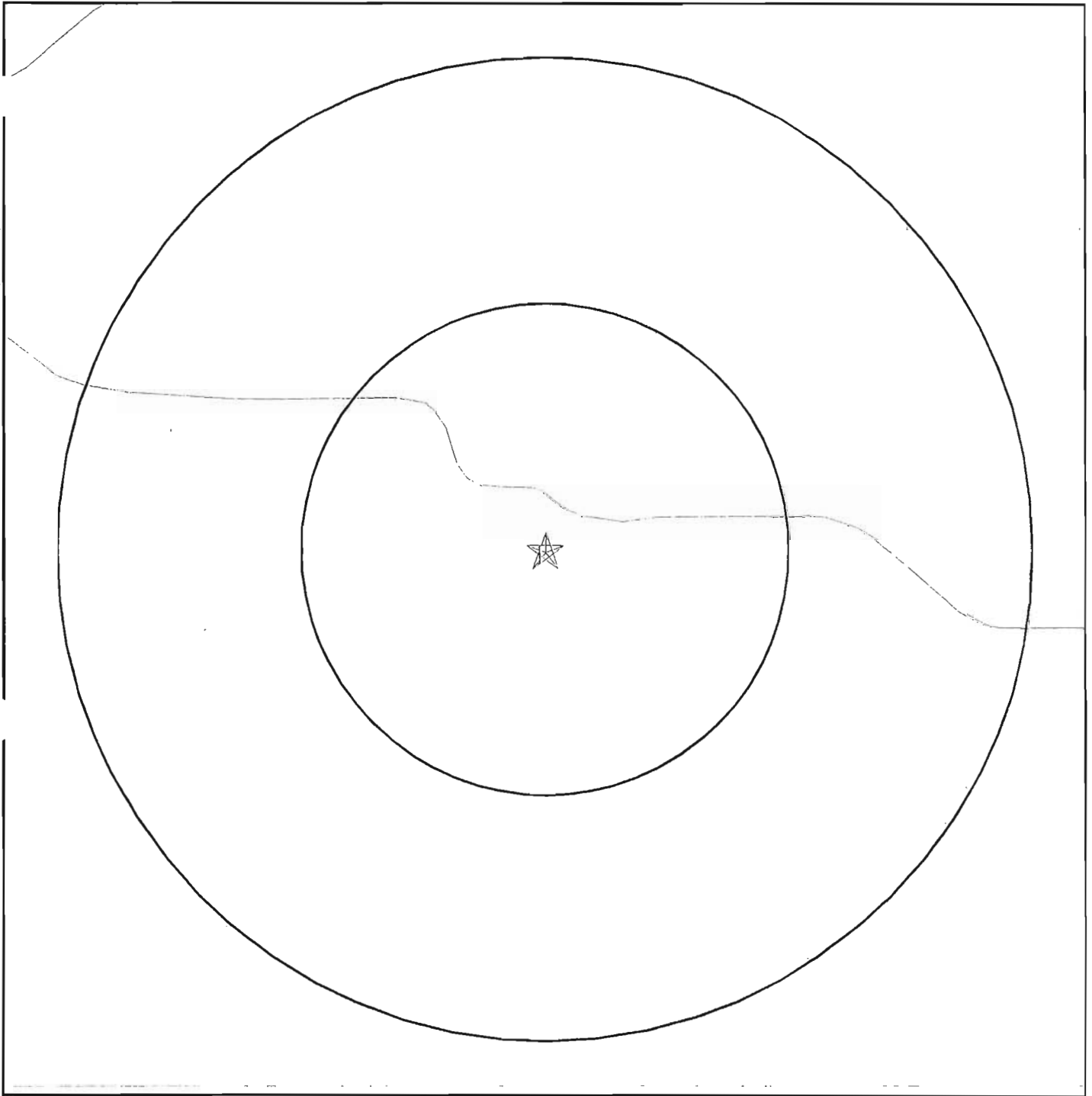
Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
A1	1/4 - 1/2 Mile South	NW
A2	1/4 - 1/2 Mile South	NW
7	1/2 - 1 Mile SW	NW
8	1/2 - 1 Mile SW	NW

For additional site information, refer to Physical Setting Source Map Findings.

SSURGO SOIL MAP - 2448230.2s



- ★ Target Property
- ∨ SSURGO Soil
- ∨ Water



SITE NAME: Genos Country Store, Inc.
ADDRESS: 1000 N. Vasco Rd.
Livermore CA 94551
LAT/LONG: 37.7132 / 121.7249

CLIENT: Krazan & Associates, Inc.
CONTACT: Amanda Williams
INQUIRY #: 2448230.2s
DATE: March 20, 2009 2:32 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

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>
3	USGS3222932	1/4 - 1/2 Mile NNE
4	USGS3222926	1/4 - 1/2 Mile NW
5	USGS3223104	1/4 - 1/2 Mile SSE
6	USGS3223100	1/2 - 1 Mile SSE

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>
No Wells Found		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1 South 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported NW 7.84 10.69 Not Reported 12/31/1996	AQUIFLOW	52434
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A2 South 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported NW 8.5 9.41 Not Reported 11/03/1997	AQUIFLOW	52432
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3 NNE 1/4 - 1/2 Mile Higher			FED USGS	USGS3222932
---	--	--	----------	-------------

Agency cd:	USGS	Site no:	374306121432101
Site name:	002S002E35G002M		
Latitude:	374306		
Longitude:	1214321	Dec lat:	37.7182624
Dec lon:	-121.72356318	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	001
Country:	US	Land net:	NWSWNE35 T2S R2E M
Location map:	ALTAMONT	Map scale:	24000
Altitude:	525.60		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Francisco Bay, California. Area = 1200 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19510905
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	ALLUVIUM (QUATERNARY)		
Well depth:	88.0	Hole depth:	88.0
Source of depth data:	Not Reported		
Project number:	CA-9-358M		
Real-time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1976-02-11
Water quality data end date:	1980-03-24	Water quality data count:	17
Ground water data begin date:	1976-01-29	Ground water data end date:	1981-11-18
Ground water data count:	32		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 22

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-10-22	13.8		1979-09-25	11.9	
1979-04-23	10.4		1978-09-19	12.9	
1978-08-21	16.0		1978-03-14	10.0	
1977-10-18	14.0		1977-03-14	13.3	
1976-09-29	13.6		1976-03-11	14.5	
1975-09-15	12.5		1974-09-16	16.4	
1974-03-05	9.0		1973-09-24	12.8	
1973-03-12	9.5		1972-09-19	16.7	
1972-03-02	15.0		1971-09-03	14.5	
1971-03-16	13.2		1970-09-15	15.6	
1970-03-17	14.2		1969-10-09	16.0	

5
SSE
1/4 - 1/2 Mile
Higher

FED USGS USGS3223104

Agency cd:	USGS	Site no:	374224121431701
Site name:	003S002E02B002M		
Latitude:	374224	Dec lat:	37.70659605
Longitude:	1214317	Coor meth:	M
Dec lon:	-121.722452	Latlong datum:	NAD27
Coor accr:	S	District:	06
Dec latlong datum:	NAD83	County:	001
State:	06	Land net:	NWNWNE2 T 3S R 2E M
Country:	US	Map scale:	24000
Location map:	ALTAMONT		
Altitude:	537.80		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Francisco Bay, California. Area = 1200 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19760603
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	ALLUVIUM (QUATERNARY)		
Well depth:	46.9	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CA-9-358M		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1976-10-29
Water quality data end date:	1983-05-26	Water quality data count:	27
Ground water data begin date:	1976-06-07	Ground water data end date:	1981-11-12
Ground water data count:	74		

Ground-water levels, Number of Measurements: 74

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-11-12	18.2		1981-08-31	18.4	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 514.70
 Altitude method: Level or other surveying method
 Altitude accuracy: .1
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: San Francisco Bay, California. Area = 1200 sq.mi.
 Topographic: Valley flat
 Site type: Ground-water other than Spring Date construction: 19771003
 Date inventoried: Not Reported Mean greenwich lime offset: PST
 Local standard time flag: Y
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: ALLUVIUM (QUATERNARY)
 Well depth: 54.0 Hole depth: 55.0
 Source of depth data: Not Reported
 Project number: CA-9-358M
 Real time data flag: 0 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00
 Peak flow data count: 0 Water quality data begin date: 1977-12-21
 Water quality data end date: 1983-05-26 Water quality data count: 22
 Ground water data begin date: 1977-12-13 Ground water data end date: 1981-11-12
 Ground water data count: 22

Ground-water levels, Number of Measurements: 22

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-11-12	5.6		1981-08-05	5.3	
1981-05-20	4.9		1981-01-26	5.5	
1980-10-17	5.4		1980-10-07	5.3	
1980-08-06	4.4		1980-06-24	3.8	
1980-04-04	2.8		1980-03-18	3.1	
1979-10-25	5.6		1979-07-17	4.7	
1979-06-08	4.3		1979-04-23	4.2	
1979-03-16	4.0		1979-01-17	5.7	
1978-12-15	5.9		1978-08-10	5.0	
1978-06-21	4.8		1978-06-01	4.9	
1977-12-21	8.2		1977-12-13	8.3	

7 SW 1/2 - 1 Mile Higher	Site ID:	3285	AQUIFLOW	52468
	Groundwater Flow:	NW		
	Shallow Water Depth:	11.5		
	Deep Water Depth:	19.5		
	Average Water Depth:	Not Reported		
	Date:	07/14/1994		

8 SW 1/2 - 1 Mile Lower	Site ID:	Not Reported	AQUIFLOW	52469
	Groundwater Flow:	NW		
	Shallow Water Depth:	11.5		
	Deep Water Depth:	19.5		
	Average Water Depth:	Not Reported		
	Date:	07/14/1994		

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 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 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

STREET AND ADDRESS INFORMATION

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