

Prepared for

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PHASE I ENVIRONMENTAL SITE ASSESSMENT

SMART RAILROAD PROPERTY

SANTA ROSA, CALIFORNIA

MARCH 2008

EBA Project No. 07-1358

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EXECUTIVE SUMMARY

EBA Engineering was retained by the New Railroad Square LLC to conduct a Phase I Environmental Site Assessment, in conformance with the scope and limitations of ASTM Standard Practice 1527-05, for the properties located at 2 Fourth Street and 34 Sixth Street in Santa Rosa, California.

Property Description and History

The project site consists of two parcels of land identified as Sonoma County Assessor Parcel Numbers (APN) 010-171-004 (2 Fourth Street) and 010-166-003 (34 Sixth Street). Both properties are contiguous and currently consist of an inactive railroad yard located in a historic district of downtown Santa Rosa. The properties are bound on the south by Third Street, on the west by commercial properties, on the north by Sixth Street and on the east by the main line railroad track right-of-way.

Based on historical research the project site is documented to have been used as a railroad freight depot and maintenance and fueling yard from the late 1800's up until the 1960's. Several site structures were historically present on the project site property that included the main line track system that occupied the eastern side of the property and several associated railroad spurs and siding, warehouses and freight houses, a turntable and several aboveground and below ground fuel and water tanks located throughout the interior portion of the property.

Several historic sources including site maps, published information and aerial photos document the site uses over time. One of the best sources of historical site uses is Sanborn Fire Insurance Maps (Sanborn) which can provide accurate and detailed historical property information. The Sanborn map dated 1885 indicates the northwestern portion of the project site as the location of the Santa Rosa Woolen Mills. Several structures are located in vicinity of the mill including a large structure with a boiler and 30,000-gallon above ground water tank. Wood piles are also identified in the northern portion of the property with a driveway traversing the northern portion of the property. The San Francisco and North Pacific Railroad line right-of-way and associated tracks are present along the eastern boundary of the project site. A freight house is identified in the southeastern portion of the property along the railroad tracks. The Woolen Mills is indicated as a closed facility in the 1885 Sanborn map.

The southern portion of the project site property is indicated as having several railroad tracks traversing the property from south to north that then are dispersed throughout the property as spur and main line tracks.

Several addition railroad structures appear on later Sanborn maps that include a railroad turn table in the southern portion of the property and a railroad platform in the central portion of the project site along the main track corridor.

A Sanborn map dated 1904 indicates few changes from the 1893 Sanborn map with the exception that Santa Rosa Woolen Mills is in operation and identifies an in-ground oil tank located in the vicinity of the Woolen Mills near the western boundary of the project site property.

A Sanborn map dated 1908 indicates that several of the structures on the project site, including the woolen mills building, as well as several surrounding structures have either been removed or have been modified as a result of the 1906 earthquake. This earthquake event severely damaged many buildings within Santa Rosa and the surrounding areas. The damage to the woolen mills was especially extensive and appears to have resulted in the final closure of the facility.

Sanborn maps and aerial photos document the site use in the 1950's as an active railroad yard. Several additional structures are present within the site that include a freight house in the northern portion of the project site property with a platform and additional railroad tracks traversing to the south end of the property to Third Street. A tool shed and an oil storage building are also identified in the central portion of the property along the railroad tracks in the 1950 Sanborn map. This Sanborn map also indicates the presence of a large aboveground oil storage tank located on the northwestern portion of the project site property in the vicinity of the former Woolen Mills. The tank is not identified in a 1969 Sanborn map.

The site has remained vacant and generally unused since the late 1960's.

Project Site Investigation & Remediation Activities

Environmental investigation and remediation efforts have been conducted at the project site from the late 1980's up until the present. A significant amount of work and efforts were put forth to characterize and remediate the environmental impacts from the historic property uses. The following highlights the work conducted at the site over time:

- Three UST's were removed from the project site in December 1987. The UST's consisted of a 230-gallon fuel oil tank, a 10,000-gallon diesel tank and a 10,000-gallon gasoline tank that were located in the eastern-central portion of the project site property. It is reported that no observable holes were present in the UST's and no detectable hydrocarbons were present in soil samples collected during their removal. It appears that the fueling island and vent lines associated with these UST's are still present at the site.
- In 1992, five soil borings (B-1 through B-4 and B-6) were installed in the area of the three UST's removed from the project site in 1987. Low levels of diesel were detected in one soil boring. In addition, diesel was detected in one of the five groundwater samples collected during the investigation at significant concentrations in the boring adjacent to the former 230-gallon fuel oil tank location. All other analytes were below the laboratory detection limit.
- From 1995 to 2001 many soil borings were installed at the site in various areas to define the extent of impacts to soil and groundwater at the property from the historic site uses. The areas investigated included the fenced enclosure that exists centrally within the eastern portion of the project site and was used for various industrial activities. The 230

gallon UST used to store heating oil was located in this area. A concrete pad located within the enclosed area was also the location of a shredder that was used to shed wood railroad ties, an aboveground fuel tank and a storage structure that were all noted as having oil leaks and spills which had seeped out onto the ground.

- Extensive investigative activities were also performed in the northwest area of the project site. This area was the historic location of the Woolen Mills which operated in this area from the late 1800's until it was destroyed by fire in the 1906 earthquake. After this time the area was used by the railroad for various uses including fuel storage and fueling operations. Several structures related to the Woolen Mills including boilers and buried fuel tanks were noted on historic maps. In addition, a 126,000-gallon aboveground fuel tank used for the storage of fuel oil by the railroad was located in this area of the property. Several fuel related structures including a product trench, oil traps and oil columns appear to have been part of the fueling system were also located on this portion of the property. Soil samples collected during the investigation of these structures indicated significant concentrations of petroleum hydrocarbons present in soil and groundwater in the area of the fueling structures, the area of the former aboveground fuel storage tank and the location of a former underground tank. Impacts to soil were identified as being primarily heavy petroleum hydrocarbons.
- Additional areas of the site that were investigated included the area of the former turntable in the south central portion of the project site and in an area designated as the southern warehouse located on the southwestern portion of the property. Findings from these areas indicated detectable levels of petroleum hydrocarbons in soil in the area of the southern warehouse.
- In September 2000 an additional investigation was performed in the northwestern area in and around the fenced area. Analytical results confirmed the presence of MtBE impacts to groundwater to the eastern and central portions of the project site. Significant concentrations of heavier petroleum hydrocarbons including diesel and motor oil were detected in soil and groundwater from soil borings installed in the northwestern area of the project site.
- A limited geophysical investigation was performed in 2001 in the northwest portion of the project site in an attempt to locate a suspected underground fuel tank that was identified on historic site maps. Whereas no apparent tank was discovered, subsurface piping and manifolds were identified that ran north to south through the western side of the project site property. In June 2002 approximately 300 feet of subsurface piping was removed from the northwestern area of the project site. Significant levels of petroleum hydrocarbons were detected beneath the pipe.
- In September 2001, five on-site and off-site groundwater monitoring wells were installed to characterize impacts to groundwater at the project site property. A majority of the wells were installed in the area of the former Woolen Mills in the northwest portion of the site. An upgradient well was installed on the eastern portion of the property in the vicinity of the main line railroad tracks.

- From June 2002 to November 2002 an additional characterization was performed in the northwestern area and the fenced enclosure at the property. Soil samples collected from the fenced enclosure, the northwestern area and the pipeline trench indicated significant concentrations of diesel and motor oil in soil. Proposed remedial options included excavation and removal of accessible impacted soil.
- In October and November 2003, approximately 6,500 cubic yards of impacted soil were removed from several areas of the project site. The largest area of excavation corresponded to the northwestern portion of the project site where several areas were excavated to remove impacted soil. Source removal activities began in the area of a former wooden underground tank that is indicated on historic Sanborn maps for the Woolen Mills facility. During the excavation activities, remnants of the former tank were found and removed and excavation proceeded to depths of approximately 18 feet below the ground surface. Significant amounts of free phase hydrocarbons were encountered on the groundwater surface during the excavation activities which were pumped, treated and disposed of to the sanitary sewer. Approximately 700 cubic yards of impacted materials were removed from this area. The excavation in this area proceeded to within 20 feet of the existing Sixth Street Warehouse and was subsequently stopped due to concerns of stability of the structure. Confirmation samples indicated that impacted materials containing significant concentrations of diesel and motor oil remained in place in excavation sidewalls and groundwater in this area.
- Excavation activities in the northwestern portion of the property also included the fuel pipeline product trench which was enlarged as it encountered contaminated materials in an area designated as the main pit excavation area. A total of 3,500 cubic yards of impacted materials were removed from this area. The excavation pit extended to depths of first encountered groundwater at approximately 19 feet below the ground surface. Impacted groundwater was encountered with free phase hydrocarbons present. The water was removed using pumps whereby it was treated and disposed of to the sanitary sewer. Excavation activities were performed below groundwater to a final depth of approximately 22 feet below the ground surface.
- The excavation activities also included the removal of approximately 60 cubic yards of impacted soil from the fenced enclosure in the area of the former aboveground tank, tie shredder, oil storage container and surface spills. Confirmation samples indicated limited concentrations of contaminated source materials containing motor oil and elevated lead were left in place in the area of a concrete slab and trailer. Excavation activities were incomplete in this area as site constraints appear to have prevented the full removal of impacted materials. Additional work will need to be conducted in this area during the redevelopment of the project site property.
- Soil excavation was also performed in the southwestern side of the project site identified as the southern warehouse area. A total of 270 cubic yards of materials were removed from this area. The excavation of this area appears to have also been somewhat incomplete as contaminants consisting of heavy petroleum hydrocarbons were left in

place. Additional work will need to be conducted in this area during the redevelopment of the project site property.

- Additional excavation was also performed on the south side of the product line trench that was encountered in the northwestern area. Approximately 325 cubic yards of impacted soil was removed from this area.
- Approximately 70,000 gallons of impacted groundwater was collected and subsequently disposed of to the City of Santa Rosa sewer system under a general discharge permit.
- Quarterly groundwater monitoring performed in the northwestern portion of the project site property and west into the neighboring property parcel indicated low levels of petroleum hydrocarbons in groundwater monitoring well SRMW-13 located in the northwest corner of the property. The fuel oxygenate MtBE was detected in monitoring well SRMW-8 located on the northeast side of the property. The remaining wells appear to have been relatively free of contaminants during the time monitored.

Project Site Environmental Issues

A No Further Action (NFA) letter was issued by the Executive Officer of the (North Coast Regional Water Quality Control Board (NCRWQCB) on August 31, 2007. Several of the groundwater monitoring wells have since been abandoned at the project site, however several also appear to remain. The remaining wells appear to have been incorporated into the upgradient MTBE investigation well network. The NFA letter from the NCRWQCB effectively closed the investigation and remedial requirements related to discharges that resulted in groundwater impacts; however it should be noted the NFA letter was conditioned so shallow soil impacts would be remediated during land use changes. The closure of the investigation was completed even though there were demonstrated impacts that remained in soil and groundwater at the northwestern corner of the project site property and extending onto the neighboring property to the west. It must be said that a significant amount of work was conducted and completed to the extent practical given site constraints and project limitations.

The NFA required the preparation and implementation of a Soil and Groundwater Management Plan (SGMP) for construction activities in the event that the property is redeveloped. The requirement for the SGMP is for the current property owner and/or any party that proposes to redevelop the project site property. The SGMP will set forth and propose procedures that will be used to identify, characterize, handle and potentially dispose of impacted soil and/or groundwater that remain at the site and will likely be encountered during the redevelopment of the property. These impacts are expected to be present from several sources including but not limited to residual contaminants identified and left in place from previous investigations and unknown impacts encountered and/or discovered during additional site investigation activities. The SGMP would need to be approved by the NCRWQCB and the Santa Rosa Fire Department.

The historic site use of the project site property was as a railroad transportation hub that brought much of the goods and commerce to and from Sonoma County throughout the late 1800's and up until the 1960's. The use of the yard included many aboveground and below structures that have

been identified as being present at the property. Investigations conducted to date, while extensive, were not comprehensive to fully characterize the property. Additional site characterization should therefore be conducted. Characterization should include the completion of a comprehensive geophysical survey that covers the entire property. This will allow for the identification of any subsurface structures, magnetic anomalies, identification of existing buried utilities and other subsurface site features. In the event that findings from such a study indicate areas of interest, additional exploration and investigation could be performed on an as-needed basis.

It is apparent from the existing data of groundwater monitoring wells located to the east of the project site property and those wells and soil borings that have been installed at the project site over time that impacts from the fuel oxygenate MtBE exist under much of the project site property. It appears the source of the MtBE is the former Occhipinti's Arco property located at 210 Fifth Street. The presence of MtBE is problematic in that it is likely that the groundwater contaminants are traveling regionally in the Railroad Square area in regional groundwater flow and preferential pathways such as utility trenches. These trenches can act as preferential pathways to groundwater flow and contaminant transport. It is established that the responsible party for the release of contaminants from the 210 Fifth Street property will have to address remedial alternatives for the MtBE contamination. For the project site property development this will likely consist of allowing access for groundwater monitoring and perhaps active remediation of groundwater. It would be advantageous to evaluate if the utility trenches running through the project site properties are in fact acting as conduits for groundwater contaminants from upgradient sites. In the event this is the case, efforts could then be employed to mitigate such mechanisms as a proactive and protective means for the project site properties.

It should be noted that additional upgradient sites such as Hotel La Rose and the uncharacterized Aroma Roasters issue pose an environmental threat to the project site property from releases of petroleum hydrocarbons from former underground fuel storage tanks. These sites specifically are in close proximity to the eastern boundary of the project site and are at this time not fully characterized. Therefore as with the previously discussed issue, we would therefore recommend that several courses of action be employed for the project site. This should include allowing and facilitating access to the site if additional characterization of the near site property is required, performing additional investigation of utility trenches if they are thought to be acting as contaminant pathways and having awareness of the potential contaminants during the redevelopment of the property.

Investigations conducted at the site to date have identified the presence of buried pipelines on the southern portion of the project site property. It appears from available information that the pipes are remnants of the historic use of the property in which bulk fuels and liquids were transported to the site via the railroad and distributed to end users in other areas of Santa Rosa using buried pipelines. These pipelines represent an environmental condition to the project site in the event that they were in fact used as oil transmission pipelines that remain in place. Additional investigation of the site should be considered to identify the location of such subsurface structures and adequately characterize the areas in which they are located.

The project site contains many treated railroad ties and wood structures that are treated with

creosote. Coal tar creosote is a thick, oily liquid typically amber to black in color. Coal tar and coal tar pitch are usually thick, black, or dark-brown liquids or semi-solids, with a smoky odor. Coal tar creosote is the most widely used wood preservative in the United States. Ingestion of creosotes may cause a burning in the mouth and throat and stomach pains. Brief direct contact with coal tar creosote may result in a rash or severe irritation of the skin, chemical burns of the surfaces of the eyes, convulsions and mental confusion, kidney or liver problems, unconsciousness, and even death. Longer direct skin contact with low levels of creosote mixtures or their vapors can result in increased light sensitivity, damage to the cornea, and skin damage. Longer exposure to creosote vapors can cause irritation of the respiratory tract.

Due to the fact that the proposed improvement of the project site is likely to include handling of creosote treated wood ties, consideration should be given to prepare a Site Health and Safety Plan for the potential exposure to creosote. In addition, removal or replacement of the ties may require disposal of the ties in accordance with applicable regulatory requirements. Similarly, any soil or railroad base excavated or removed during the improvement of the project sites may require special handling, storage and disposal requirements in accordance with applicable regulatory agency requirements.

Several of the remaining structures at the project site are of the age and construction methodology that would likely contain lead based paint and asbestos containing materials. If the structures are to be remodeled and/or removed they will need to be characterized for the presence of these materials by a qualified professional.

Surrounding Site Environmental Issues

Many near site properties have had or continue to have ongoing environmental investigations and remediation requirements for a variety of environmental concerns. Many of these sites have completed investigative and remedial efforts. In addition, many of the sites are located at such a distance or are located upgradient and or side gradient to the project site property with respect to groundwater flow direction and potential contaminant transport. Most of the surrounding properties pose a minimal threat to the project site property.

Several neighboring and surrounding property are seen as posing an environmental concern for the project site property. The following presents a brief summary of these identified sites:

- **210 Fifth Street** is located approximately 750 feet east of the project site. The property was operated as a gasoline service station from the early 1950's to February 2005. Releases of petroleum hydrocarbons from this property have impacted groundwater in the greater Railroad Square area and the project site property. The main constituent of concern is the fuel oxygenate MtBE. Significant work has been conducted at this property to define the extent of the impacts as well as remediate the impacts to soil and groundwater. The remedial efforts related to this site will have to address the impacts to groundwater in the greater Railroad Square area and the project site.
- **Hotel La Rose/Aroma Roasters** is located approximately 250 feet east of the project site property at the intersection of Wilson and Fifth Street. Available records indicate the site

was a gasoline service station from prior to the 1930's up until 1973. Several phases of investigation have been performed at this property. Recently an off-site component of the site investigation was performed at the Aroma Roasters property that is located directly adjacent to the railroad right-of-way on the east side of the project site property indicated significant impacts to groundwater.

Conclusions

Based on information presented in the previous sections, the following conclusions can be made regarding the project site:

- The project site property has been the subject of many phases of environmental investigation and remediation. The site property is identified in regulatory agency databases and files for investigations related primarily with leaking underground fuel storage tanks, aboveground fuel storage tanks and impacts to soil and groundwater from the historic use of the property.
- Remedial efforts removed significant amounts of contaminated materials from the site; however, several areas of the property were left with contaminants in place. Specifically, impacts to soil and/or groundwater remain in the northwestern area of the site, the fenced enclosure and in the area of the southern warehouse.
- The North Coast Regional Water Quality Control Board issued a No Further Action letter for the site in August 2007. The closure of the site is conditional and additional requirements were stipulated to be required in the event that the site is redeveloped.
- A Soil and Groundwater Management Plan has been stipulated as a condition for the redevelopment of the property by the North Coast Regional Water Quality Control Board. It will need to be reviewed and approved by this agency and the Santa Rosa Fire Department.
- The project site property includes several spur and siding tracks within the property boundaries. It is assumed that the entire remaining track system will need to be removed from the site as part of the property redevelopment. It is likely that these track corridors represent an environmental condition in and of themselves from the historic use of these tracks as transportation thoroughfares by large steam and diesel electric railroad engines.
- There are a significant number of railroad ties that exist at the project site as part of the existing track system. These ties are creosote treated wood that will need to be properly handled and disposed of if removed. In addition, areas that these ties are stored and used will need to be properly characterized and cleared of impacts from these structures.
- Several storm drains and sewer lines are present on the project site property. It appears from groundwater sampling that these structures may be acting as preferential pathways for contaminant transport of upgradient environmental impacts.

- Several upgradient properties with known environmental releases are seen as posing an environmental threat to the project site property. Contaminants of concern include the fuel oxygenate MtBE and petroleum hydrocarbons.
- Several small site structures that remain at the property are of the age and construction methodology that may have lead based paint and/or asbestos containing materials present.
- Several groundwater monitoring wells are present on the project site property.

Recommendations

EBA Engineering has performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of the property located at 2 Fourth Street and 34 Sixth Street in Santa Rosa, California. Any exceptions to, or deletions from, this practice are described herein. Based on conclusions from the environmental records search, historical data review, and the site reconnaissance, EBA recommends the following:

- Perform a geophysical survey of the entire property to identify any buried metal objects, utility trenches and /or subsurface structures at the project site. Additional site work could be required based on the results of the geophysical survey.
- Prepare a Soil and Groundwater Management Plan for the handling, characterization and disposal of known and unknown contaminated materials that will likely be encountered during the redevelopment of the project site property. The known impacts to the project site that remain specifically in the fenced enclosure and the southern warehouse areas must be resolved during the site redevelopment process.
- Explore the environmental condition of the track corridors to determine if impacts are present in these areas prior to redevelopment of the site. This work scope should be accomplished using a drill rig to obtain soil samples every 25 to 50 feet lineal of track and at obvious points of contamination to profile the project site property in these areas.
- Explore if the utility trenches that traverse the project site property are acting as preferential conduits for impacts to groundwater.
- Consider contingency planning for the handling, disposal and worker safety requirements for the removal of creosote treated wood railroad ties.
- Facilitate the expedient characterization of the known upgradient sites with ongoing environmental investigations.
- Perform confirmation soil sampling in areas of the project site where contaminants of concern were left in place and potentially remain.

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1.0 Introduction

1.1 Purpose

EBA ENGINEERING (EBA) was retained by New Railroad Square LLC (Client) to conduct a Phase I Environmental Site Assessment (ESA) of the Sonoma Marin Area Rail Transit (SMART) property located in Santa Rosa, California. The site is further identified as Sonoma County Assessor Parcel Numbers (APN) 010-171-004 and 010-166-003, hereinafter referred to as the project site.

The purpose of this environmental site investigation is to assess the possible contamination of the project site with hazardous or toxic substances or wastes. A site may contain these substances or wastes as a result of current or past site activities, unauthorized dumping or disposal, or migration of contaminants from adjacent or nearby properties.

The Client should be aware that strict interpretation of California and federal legislation and case law may hold the landowner responsible for any toxic liability including future cleanup costs and, potentially, historical assessments and remediation work on the project site. Such statement is not motivated by any condition of the project site but is a general observation of the advisability that property owners and purchasers exercise all appropriate diligence and alertness to hazardous material risks.

This report is not intended to provide the necessary level of detail to be utilized for structural demolition/remodeling or soil or groundwater remediation. For such activities, appropriate regulations should be followed to ensure adequate coverage of material handling, worker and employee safety, airborne contamination during construction, and the precise extent of any contamination for contractor directions. This report conforms to American Society of Testing and Materials (ASTM) Standards E 1527-05 for Phase I Environmental Site Assessments.

In defining a standard of good commercial and customary practice for conducting an environmental site assessment, the goal of the processes established by this practice is to identify recognized environmental conditions. The term recognized environmental conditions (RECs) refers to the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

1.2 Scope of Services

To determine the condition of the project site with respect to environmental liability, EBA performed the following tasks:

- 1) Reviewed past and current land use for indications of the manufacture, generation, use, storage, and/or disposal of hazardous substances;
- 2) Evaluated the potential for on-site soil and/or groundwater contamination resulting from past and present project site land use activities and, to the extent possible, adjacent off-site operations;
- 3) Rendered findings and professional opinions regarding the potential for environmental contamination at the project site; and
- 4) Recommend and perform further investigations (i.e., Phase II ESA), if deemed appropriate to evaluate whether contamination and/or environmental hazards exist at the locations identified.

1.3 Limitations and Exceptions

Local, State, and Federal environmental regulations and property conditions can vary significantly over time. Consequently, the conclusions and recommendations presented as a result of this environmental site assessment apply strictly to the environmental regulations and Property conditions existing at the time EBA performed this study. EBA assumes that the data obtained and the inferences made during this investigation are reasonable and representative of the Property.

EBA makes no warranty, expressed or implied, except that our services have been performed in accordance with generally accepted existing environmental engineering, health and safety principles, and applicable regulations at the time and location of the study. EBA has analyzed the available information using currently applicable engineering techniques.

Please be advised that the recommendations presented herein are based solely on information made available to EBA by others, and includes professional interpretations based on limited research and data. Based on these circumstances, the decision to conduct additional investigative work to substantiate the findings and conclusions presented herein is the sole responsibility of the Client.

1.4 User Reliance

This report has been prepared solely for the Client and any reliance on this report by third parties shall be at such party's sole risk.

2.0 Site Description

2.1 Location and Property Description

The project site is a 5.39-acre historic property centrally located within the City of Santa Rosa, California. The project site property consists of two parcels of land located in the Old Railroad

Square District of downtown Santa Rosa (Figure 1, Appendix A). Addresses associated with the project site property are 2 Fourth Street and 34 Sixth Street. The area surrounding the project site consists of mixed-use commercial and industrial properties.

The project site property parcels consist of an unused rail yard. The two lots are flat and level and are located at an approximate elevation of 150 feet above mean sea level.

The project site property is bordered on the south by Third Street, on the west by developed and redeveloping commercial properties, on the north by Sixth Street and by the railroad right-of-way on the east. Access to the property is from both Third Street and Sixth Street.

The zoning of the project site parcels is CD-5-H Combining District- Historic.

2.2 Legal Description

The legal description of the property parcels is enclosed in the property transfer documentation and Title Report enclosed in Appendix E.

2.3 Site History and Land Use

The history of the project site property is well documented. The use of the property has consisted primarily of a railroad transit yard and servicing station by Northwestern Pacific Railroad from the late 1800's through the early 1960's. Several site structures were historically present on the project site property that included the main line track system that occupied the eastern side of the property and several associated railroad spurs, warehouses and freight houses, a turntable and several aboveground and below ground fuel and water tanks located throughout the interior portion of the property.

Several historic sources including site maps, published information and aerial photos give details of the site uses over time. One of the best sources of historical site uses is Sanborn Fire Insurance Maps (Sanborn) which can provide accurate and detailed historical property information. The following provides a historical setting for the project site property based on available information.

A Sanborn map dated 1885 indicates the northwestern portion of the project site as developed as part of the Santa Rosa Woolen Mills. Several structures are located in this area including a boiler and 30,000-gallon above ground water tank. Wood piles are also identified in the northern portion of the property with a driveway traversing the northern portion of the property. The San Francisco and North Pacific Railroad line right-of-way and associated tracks are present along the eastern boundary of the project site. A freight house is identified in the southeastern portion of the property along the railroad tracks. The southwestern portion of the project site property is not covered by Sanborn maps for 1885.

A Sanborn map dated 1888 indicates few changes at the project site from the 1885 Sanborn map. The southwestern portion of the project site property is also not covered by the 1885 map.

A Sanborn map dated 1893 indicates few changes from the 1885 Sanborn map with the exception that the Santa Rosa Woolen Mills is identified as closed in June 1893; however, the structures still appear present on the northwestern corner of the property. The southern portion of the project site property is indicated as having several railroad tracks traversing the property from south to north that then are dispersed throughout the property as spur and main line tracks.

The 1893 Sanborn map also indicates a railroad turn table in the southern portion of the project site property. A cattle pen is also identified in eastern portion of the project site property. The Hunt Brothers Fruit Packing Company and Cutting Fruit Packing Company are both identified as being present to the west of and adjacent to the project site property. The Hunt Brothers Fruit Packing Company site is identified with a gasoline tank.

A Sanborn map dated 1904 indicates few changes from the 1893 Sanborn map with the exception that Santa Rosa Woolen Mills is in operation and identifies an in-ground oil tank located in the vicinity of the Woolen Mills near the western boundary of the project site property.

A railroad platform is identified in the central portion of the project site along the main track corridor. Several additional lines of railroad track are also identified in the south portion of the project site property. The Santa Rosa Fruit Cannery Association buildings (formerly Cutting Fruit Packing Company and formerly Hunt Brothers Fruit Packing Company) are still identified to the west of and adjacent to the project site property. An in-ground oil tank is indicated as being present on the north side of the southern building.

A Sanborn map dated 1908 indicates that several of the structures on the project site, including the woolen mills building, as well as several surrounding structures have either been removed or have been modified as a result of the 1906 earthquake. This earthquake event severely damaged many buildings within Santa Rosa and the surrounding areas. The damage to the woolen mills was especially extensive and appears to have resulted in the closure of the facility.

The 1908 Sanborn map also indicates the California Fruit Cannery Association facilities to have extended operations north to Sixth Street. An additional underground oil tank is also identified on the California Fruit Cannery Association property adjacent to the project site property.

A gap exists in the Sanborn map coverage for Santa Rosa from 1908 to 1950.

A Sanborn map dated 1950 indicates several changes from the 1908 Sanborn map. The Santa Rosa Woolen Mills facility is no longer present on the site. In addition, a freight house is identified in the northern portion of the project site property with a platform and additional railroad tracks traversing to the south end of the property to Third Street. A previously identified freight house on the eastern portion of the property is no longer present.

A tool shed and an oil storage building are identified in the central portion of the property along the railroad tracks in the 1950 Sanborn map. The Sanborn maps also indicate the presence of a large aboveground oil storage tank located on the northwestern portion of the project site property in the vicinity of the former Woolen Mills. The former underground fuel oil tank

identified in the 1904 and 1908 Sanborn maps is no longer identified as present at the former Woolen Mills property.

A Sanborn map dated 1969 indicates few changes from the 1950 Sanborn map with the exception that the aboveground fuel oil tank formerly identified in the northwestern portion of the project site property is no longer noted.

Copies of the Sanborn Maps are enclosed in Appendix B.

2.4 Aerial Photograph Review

Aerial photos can indicate changes in land use of a site over time and can supplement other historic references and documentation of a site historical use. Available aerial photographs were purchased from Environmental Data Resources for the years 1953, 1965, 1982, 1993 and 1998 and supplemented with a review of aerial photographs from the Sonoma County Water Agency for the years 1961, 1971, 1980 and 1990. The following photos were reviewed for this investigation.

1953 Photo

The 1953 photograph indicates the project site with one large rectangular building in the northern portion of the property. Several rail cars are visible throughout the property located on the various spur tracks that are generally in the area of the main line track corridor that are visible as running south to north through the eastern side of the project site property. A small complex of buildings is visible in the central portion of the project site property. Adjacent properties to north, south, east and west appear as developed industrial and commercial properties.

1961 Photo

The 1961 photograph indicates few changes from the 1953 photograph with the exception that a platform is visible east of the building. The surrounding area appears generally unchanged.

1965 Photo

The 1965 photograph indicates few changes from the 1961 photograph. The surrounding area appears generally unchanged.

1971 Photo

The 1971 photograph indicates few changes from the 1965 photograph. Several additional rail cars are visible along the eastern and western portions of the property. The surrounding area appears generally unchanged.

1980 Photo

The 1980 photograph indicates few changes from the 1971 photograph. The surrounding area appears generally unchanged.

1982 Photo

The 1982 photograph indicates few changes from the 1980 photograph. The surrounding area appears generally unchanged.

1990 Photo

The 1990 photograph indicates few changes from the 1982 photograph with the exception that the large rectangular building observed in the 1953 aerial photo is no longer visible in the northern portion of the project site property. Several rail cars and containers are still visible throughout the entire property. The surrounding area appears generally unchanged.

1993 Photo

The 1993 photograph indicates few changes from the 1990 photograph with the exception that there are fewer rail cars visible on the property. The surrounding area appears generally unchanged.

1998 Photo

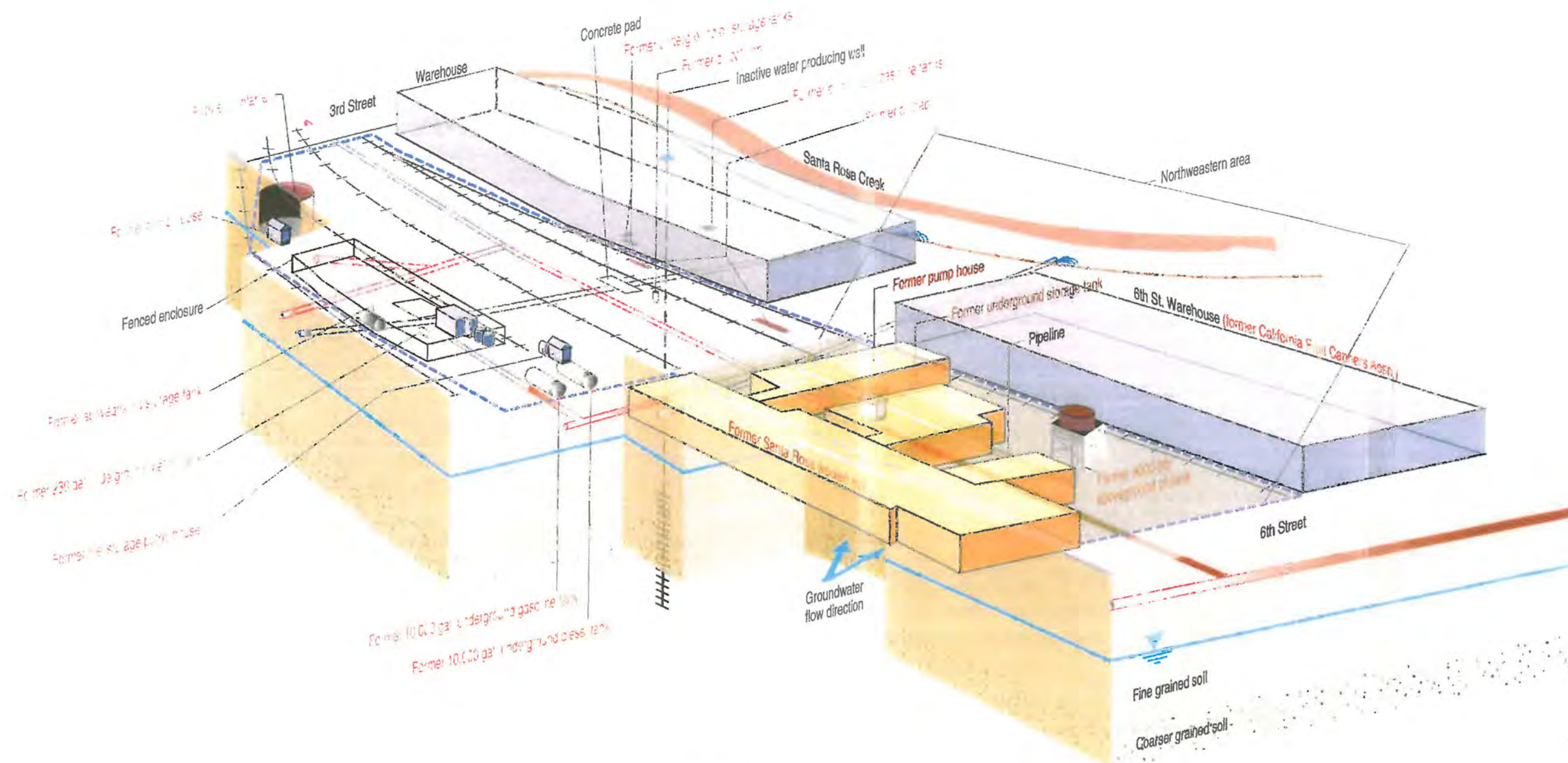
The 1998 photograph indicates few changes from the 1993 photograph. The surrounding area appears generally unchanged.

2006 Photo

The 2006 photograph indicated few changes from the 1998 photograph. Several automobiles are parked along the eastern boundary of the property and several rail cars are visible in the northeastern portion of the project site.

The history of the project site appears to be well documented and known with no significant data gaps.

Figures of a Conceptual Site Model and Site Plan prepared by Geomatrix are enclosed on the following page. Copies of the aerial photos provided by EDR are enclosed in Appendix C. Historic site maps and photos are enclosed in Appendix D.



2.5 Geologic Setting

The project site is located within the Coast Range Geomorphic Province of northern California. The Coast Range Geomorphic Province is generally characterized as a series of northwest trending elongated ridges and valleys that are a result of folding and faulting.

The project site is centrally located within the Santa Rosa Plain, which consists of alluvial fan deposits of Pleistocene and Holocene age. The alluvial fan deposits form a nearly continuous blanket over the Santa Rosa Plain and consist of poorly sorted coarse sand and gravel, moderately sorted fine sand and silt and silty clay. The region of the project site has been mapped as having basement materials that underlie the alluvial fan deposits. The basement materials consist of marine sedimentary rocks of the Miocene Age Wilson Grove Formation. Portions of the Wilson Grove Formation may be covered by younger continental sedimentary rocks of the Pliocene-Pleistocene Age Glen Ellen Formation.

Subsurface investigations performed at the project site property have documented the site is underlain by sandy silt and clay from ground surface to approximately 18 feet to 20 feet below the ground surface. This is in turn underlain by a coarse grained unit that contains significant amounts of gravel that has been identified as being contiguous across the property and much of the surrounding area extending to depths of approximately 30 feet below the ground surface.

Groundwater has been encountered at depths ranging from 7 to 16 feet below the ground surface in soil borings and groundwater monitoring wells installed at the project site. The groundwater monitoring has also indicated a groundwater flow direction of approximately west- southwest towards Santa Rosa Creek.

3.0 User Provided Information

Title Records

A Title Report is presented in Appendix E.

3.2 Environmental Liens and Use Limitations

A review of Title information was performed by EBA using both the current Title Report and recorded public documents reviewed at the Sonoma County Recorders Office. No Environmental Liens or Use Limitations were noted in record information.

3.3 Value Reduction for Environmental Issues

The ASTM 1527-05 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* requires an evaluation of environmental issues that would result in a devaluation of the property. There are issues of environmental concern at the project site; however, the environmental issues appear to be generally characterized and to a

large extent remediated to the satisfaction of applicable regulatory agencies with respect to impacts in the area of the former Woolen Mills and the removal of several underground fuel storage tanks from the property. The additional environmental site issues that remain at the project site property do represent issues that are of environmental concern; however these impacts and issues have not been fully defined at this time. It is expected that if such impacts remain that they will be addressed through the existing property redevelopment with regulatory over site and concurrence. It should be noted that if significant environmental issues are discovered or revealed at the site as part of the due diligence work prior to purchase, then valuation of the property would need to be established through negotiation of the involved parties.

3.4 Owner and Occupant Information

Files reviewed at the Sonoma County Recorder's Office indicate that SMART purchased the project site parcel identified as APN 010-166-003 in 2007 from Union Pacific Railroad, Southern Pacific Transportation, Northwestern Pacific Railroad and San Francisco & Northwestern Pacific Railroad Companies. The project site parcel identified as APN 010-171-004 is currently owned the Northwestern Pacific Railroad Authority.

4.0 RECORDS REVIEW

4.1 Environmental Records Sources

EBA contacted Environmental Data Resources (EDR) of Southport, Connecticut, to conduct a comprehensive Federal, state and local environmental records search for the project site and properties within a one-mile radius of the project site. The purpose of the database search was to identify potential exposure to the subject property from various environmental concerns and/or hazardous materials releases. The following databases and environmental programs are included in the database search:

- Federal National Priority List (NPL)
- Proposed National Priority List
- National Priority List Deletions
- NPL Liens
- Comprehensive Environmental response, Compensation and Liability Information System (CERCLIS)
- CERCLIS – No Further Action Planned
- Corrective Action Reports (CORRACTS)
- Resource Conservation and Recovery Act (RCRA) Transfer, Storage & Disposal Facilities
- RCRA Large Quantity Generators
- RCRA Small Quantity Generators
- Hazardous Material Information Reporting System
- Engineering Control Sites

- Sites With Institutional Controls
- Department of Defense Sites
- Formerly Used Defense Sites
- Brownfield Sites
- CERCLA Consent Decrees
- Records of Decision
- Uranium Mine Tailing Sites
- Open Dump Inventory
- Toxic Chemical Release Inventory System
- Toxic Substances Control Act
- FIFRA/TSCA Tracking System
- PCB Activity Tracking System
- Material Licensing Tracking System
- Mines Master Index File
- Facility Index System
- RCRA Administrative Tracking System
- Annual Workplan Sites
- Calsites Database
- Toxic Pits Cleanup Act Sites
- Bond Expenditure Plan
- No Further Action Determination
- School Property Evaluation Program
- Solid Waste Information System
- Waste Discharge System
- Waste Management Unit Database
- Statewide SLIC Sites
- Active UST Facilities
- Facility Inventory Database
- Aboveground Petroleum Storage Tank Facilities
- Recycler Database
- Proposition 65 Listings
- Deed Restriction Listing
- Voluntary Cleanup Program Properties
- Cleaner Facilities
- Well Investigation Program Case List
- Emissions Inventory Data
- Indian Reservations
- Leaking Underground Storage Tanks on Indian Land
- Underground Storage Tanks on Indian Land
- Coal Gas Sites
- Cortese Database
- Emergency Response Notification System
- Leaking Underground Tank Sites
- California Hazardous Materials Incident Report System

- Haznet database

The Environmental Record Search (ERS) consists of a map showing the location of the identified sites relative to the project site, a summary listing the identified sites by street names, and a final report describing the sources investigated and the resulting findings. It should be noted that the findings are those noted on the regulatory database(s) and that accuracy and completeness of record information varies among information sources, including government sources. The ERS findings are supplemented by interviews with owners/occupants/employees, and local government officials. Agency records review and historical data review are also used to ascertain the potential environmental significance of sites reported in the ERS. Results of the record search are presented in Appendix F.

The ERS identified many mapped sites as having environmental concerns within a one-mile radius of the project site.

4.2 Additional Environmental Records Sources - Interviews and Regulatory Agency Reviews

Supplemental interviews and research were performed based on findings from the environmental records search. The interview and research process targeted both project site and regulatory personnel and regulatory agencies in an attempt to ascertain the nature and status of known environmental issues. Regulatory agencies and individuals contacted during the information review process included:

- Ms. Joan Fleck – North Coast Regional Water Quality Control Board
- Mr. Gus Campagna – North Western Pacific Railroad Historical Society
- Sonoma County Department of Emergency Services
- Santa Rosa Fire Department
- Sonoma County Assessor's Office
- Sonoma County Recorder's Office
- Sonoma County Department of Health Services
- Sonoma County Water Agency
- Sonoma County Historical Library Annex
- Sonoma County Permit and Resource Management Department
- North Coast Regional Water Quality Control Board
- North Western Pacific Railroad Historical Society
- California Division of Mines and Geology

Regulatory agency files were reviewed at the agencies listed above. The findings from the file reviews are as follows:

Sonoma County Department of Emergency Services

No files were available for the project site property at this regulatory agency.

Santa Rosa Fire Department

Files were reviewed at the Santa Rosa Fire Department for the address 2 Fourth Street for the time period of 1990 to present. Findings from the file review are discussed further in the following sections of this report.

Sonoma County Assessors Office

Development and tax records were reviewed at the Sonoma County Assessors Office. No significant data gaps were noted within the available information. Findings from the file review are discussed further in the following sections of this report.

Sonoma County Recorders Office

Recorded deeds and other relevant site documentation were reviewed at the Sonoma County Recorders Office. No environmental liens or deed restrictions were noted in the available information.

Sonoma County Department of Health Services

No relevant files were available for the project site property at this agency.

Sonoma County Permit and Resource Management Department

No files were available for the project site property at this agency.

North Coast Regional Water Quality Control Board

Files were reviewed at the North Coast Regional Water Quality Control Board (NCRWQCB) for the project site property that included subsurface investigations associated with site investigation activities and the removal of underground fuel storage tanks from 1987 to present. Findings from the file review are discussed further in the following sections of this report.

City of Santa Rosa Department of Community Development

No files were available for the project site property at this agency.

5.0 Site Reconnaissance

5.1 Methodology and Limiting Conditions

EBA personnel conducted a site reconnaissance on February 5, 2008. The site reconnaissance entailed viewing the project site and the surrounding areas. The site was inspected to observe the property and to identify discernible or potential environmental concerns. In addition, a

reconnaissance of adjacent properties was performed to confirm surrounding land use and conditions. Information was obtained by interviews with knowledgeable individuals regarding the past and current uses of the project site. No limitations were encountered to limit the extent of the property inspection. Findings from the site reconnaissance activities are summarized in the following sections.

5.2 Current Use of the Property

The property currently consists of an unoccupied rail yard.

5.3 Site Description – Buildings, Roads and Other Improvements

The project site property consists of two parcels of land that total 5.39 acres in size that currently exists as an abandoned rail yard. Several spur tracks appear to remain within the property boundary. The northeastern area of the site contains two spur tracks that are in use for the storage of several rail cars.

A fenced enclosure is located within the east central portion of the property. Three small structures are within the fenced area. Two of the structures appear to consist of small storage sheds that were empty at the time of the property inspection with the exception that they were occupied by transients. A third structure within the enclosure consists of a wood framed structure with wood siding. At the time of the property inspection the structure was locked and inaccessible.

The interior portion of the fenced enclosure was observed to be used for storage of miscellaneous debris and items. A small excavation pit was present within the eastern side of the area. A concrete pad is located south of and adjacent to the wooden structure. Several storm drain and sewer manhole covers were observed within the project site property boundaries. It appears from historical maps that both storm drain and sewer lines are present within the site and appear to be active.

Several groundwater monitoring wells were observed to be present within the site.

A strip of asphalt was observed to run through the property from Third Street north to Sixth Street. The asphalt appeared to be in poor condition.

A small metal structure is located on the northeast corner of the site that appears to be used to house controls for rail crossing mechanisms. At the time of the property inspection the structure was locked and therefore inaccessible.

A second metal structure was observed centrally within the eastern property boundary. This structure also appeared to be used for controls and track switching mechanisms. As with the previous structure, this structure was also locked and therefore inaccessible.

The southeastern side of the property is used by employees of several surrounding businesses for vehicle parking. The area used for parking is unimproved.

The remainder of the property consists of undeveloped land.

5.4 Current Use of Adjoining Properties

The neighboring and adjoining properties consist of developed commercial properties to the northwest, the railroad right-of way and main line adjacent to the east and a property currently under redevelopment on the southwest. Third Street borders the project site to the south and Sixth Street borders the site on the north. Several developed commercial properties are located on the south side of Third Street and north side of Sixth Street beyond the property borders.

5.5 Project Site Issues

The project site property is identified in regulatory agency files for the investigation and remediation of several environmental issues. These issues appear to have begun as part of a property assessment performed for the potential sale of the property and started in the late 1980's. Several phases of investigation and remediation have been performed at the site that have been conducted as part of the removal and/or investigation of former underground fuel storage tanks (UST's), aboveground tanks (AGT's) and surface source areas of contaminated materials at the site. A sample location map is presented after page 20 for reference. A summary of the investigations conducted at the site to date is as follows:

- Three UST's were removed from the project site in December 1987. The UST's consisted of a 230-gallon fuel oil tank, a 10,000-gallon diesel tank and a 10,000-gallon gasoline tank that were located in the eastern-central portion of the project site property. It is reported that no observable holes were present in the UST's and no detectable hydrocarbons were present in soil samples collected during their removal. It appears that the fueling island and vent lines associated with these UST's are still present at the site. Please refer to Figure 2 of the *Soil and Groundwater Investigation and Recommendation for Closure* enclosed in Appendix G of this report for the specific site features and areas of investigation.
- In April 1988, two groundwater monitoring wells (GW-24 and GW-27) were installed at the project site property as part of the investigation of the former Mead Clark Lumber Yard located south of the project site property. Testing of these monitoring wells indicated no detectable levels of petroleum hydrocarbons. However, perchloroethylene (PCE) was detected in one of the monitoring wells. This compound is a chlorinated solvent that is typically associated with dry cleaning facilities.
- In April 1990 two groundwater monitoring wells (RBMW-2 and RBMW-3) were installed by NCRWQCB staff within the project site property. These wells were installed as part of an investigation to evaluate potential sources of petroleum hydrocarbon impacts to Santa Rosa Creek in the area of the Third Street Bridge to the southwest of the project site properties. The monitoring wells were sampled twice and indicated low levels of diesel and PCE in monitoring well MW-3 during one of the two sampling events. The monitoring wells were subsequently destroyed in 1995.

- In 1992, five soil borings (B-1 through B-4 and B-6) were installed in the area of the three UST's removed from the project site in 1987. Low levels of diesel were detected in one soil boring. In addition, diesel was detected in one of the five groundwater samples collected during the investigation at a concentration of 31,000 micrograms per liter (ug/L) in boring B-6 adjacent to the former 230-gallon fuel oil tank location. All other analytes were below the laboratory detection limit. Please refer to Tables 1 through 9 and Figures 1 through 10 of the *Environmental Site Conditions and Proposed Action Plan* enclosed in Appendix G of this report for the specific site features and areas of investigation.
- From 1995 to 2001 thirty three soil borings were installed at the site in various areas to define the extent of impacts to the property from the historic site uses. The areas investigated included the fenced enclosure that exists centrally within the eastern portion of the project site and was used for various industrial activities. A 230 gallon UST used to store heating oil was located in this area. A concrete pad located within the enclosed area was also the location of a shredder that was used to shed wood railroad ties. Regulatory agency personnel indicate the shredder had extensive oil leaks and impacts to the ground surface and surrounding area. In addition, an AGT was located within the fenced enclosure which also had indications of surface soil impacts. Lastly it is noted that a temporary storage structure was brought into the area for the storage of tools, oil drums and gas cans. The floor of the structure was indicated as being saturated with oil, which seeped out onto the ground.
- Extensive investigative activities were also performed in the northwest area of the project site. This area was the historic location of the Woolen Mills which operated in this area from the late 1800's until it was destroyed by fire in the 1906 earthquake. After this time the area was used by the railroad for various uses including fuel storage and fueling operations. Several structures related to the Woolen Mills including boilers and buried fuel tanks were noted on historic maps. In addition, a 126,000-gallon AGT used for the storage of fuel oil for the railroad was located in this area of the property. Several fuel related structures including a product trench, oil traps and oil columns appear to have been part of the fueling system were also located on this portion of the property. Soil samples collected during this investigation were analyzed for constituents of concern including petroleum hydrocarbons, metals, volatile organic compounds (VOC's) and polynuclear aromatic hydrocarbons (PNA's). Results of the sampling indicated significant concentrations of petroleum hydrocarbons present in specific areas of the site in soil and groundwater that included the area of the fueling structures, the area of the former aboveground fuel storage tank and the location of a former UST. Impacts to soil were identified as being primarily heavy petroleum hydrocarbons. Please refer to Tables 1 through 9 and Figures 1 through 10 of the *Environmental Site Conditions and Proposed Action Plan* enclosed in Appendix G of this report for the specific site features and areas of investigation.
- Additional areas of the site that were investigated included the area of the former turntable in the south central portion of the project site and in an area designated as the

southern warehouse located on the southwestern portion of the property. Findings from these areas indicated detectable levels of petroleum hydrocarbons in soil in the area of the southern warehouse.

- In September 2000 an additional 13 soil borings were advanced in the northwestern area in and around the fenced area. Analytical results confirmed the presence of MtBE impacts to groundwater to the eastern and central portions of the project site at concentrations up to 77 ug/L. Significant concentrations of heavier petroleum hydrocarbons including Total Petroleum Hydrocarbons as diesel (TPH-d) and TPH as motor oil (TPH-mo) were detected in soil and groundwater from soil borings installed in the northwestern area of the project site.
- A limited geophysical investigation was performed in 2001 in the northwest portion of the project site in an attempt to locate a suspected UST that was identified on historic site maps. Whereas no apparent UST was discovered, subsurface piping and manifolds were identified that ran north to south through the western side of the project site property. In June 2002 approximately 300 feet of subsurface piping was removed from the northwestern area of the project site. Significant levels of TPH were detected beneath the pipe.
- In September 2001, five on-site and off-site groundwater monitoring wells were installed to characterize impacts to groundwater at the project site property. A majority of the wells were installed in the area of the former Woolen Mills in the northwest portion of the site. An upgradient well was installed on the eastern portion of the property in the vicinity of the main line railroad tracks.
- From June 2002 to November 2002 an additional 47 soil borings were advanced in the northwestern area and the fenced enclosure. Soil samples collected from the fenced enclosure, the northwestern area and the pipeline trench indicated significant concentrations of TPH-d and TPH-mo in soil. Proposed remedial options included excavation and removal of accessible impacted soil. Please refer to Tables 1 through 9 and Figures 1 through 10 of the *Environmental Site Conditions and Proposed Action Plan* enclosed in Appendix G of this report for the specific site features and areas of investigation.
- In October and November 2003, approximately 6,500 cubic yards of impacted soil were removed from several areas of the project site. The largest area of excavation corresponded to the northwestern portion of the project site where several areas were excavated to remove impacted soil. Source removal activities began in the area of a former wooden UST that is indicated on historic Sanborn maps for the Woolen Mills facility. During the excavation activities, remnants of the former tank were found and removed and excavation proceeded to depths of approximately 18 feet below the ground surface. Significant amounts of free phase hydrocarbons were encountered on the groundwater surface during the excavation activities which were pumped, treated and disposed of to the sanitary sewer. Approximately 700 cubic yards of materials were

removed from this area. The excavation in this area proceeded to within 20 feet of the existing Sixth Street Warehouse and was subsequently stopped due to concerns of stability of the structure. Confirmation samples indicated that impacted materials containing significant concentrations of TPH-d and TPH-mo remained in place in excavation sidewalls and groundwater in this area. Details of this work including tables and figures are presented in the *Source Area Removal Report* enclosed in Appendix G. This area is specifically demarcated in Figures 7, 8 and 9.

- Excavation activities in the northwestern portion of the property also included the fuel pipeline product trench which was enlarged as it encountered contaminated materials in an area designated as the main pit excavation area. A total of 3,500 cubic yards of impacted materials were removed from this area. The excavation pit extended to depths of first encountered groundwater at approximately 19 feet below the ground surface. Impacted groundwater was encountered with free phase hydrocarbons present. The water was removed using pumps whereby it was treated and disposed of to the sanitary sewer. Excavation activities were performed below groundwater to a final depth of approximately 22 feet below the ground surface. Details of this work including tables and figures are presented in the *Source Area Removal Report* enclosed in Appendix G. This area is specifically demarcated in Figures 12, 13 and 14.
- The excavation activities also included the removal of approximately 60 cubic yards of impacted soil from the fenced enclosure in the area of the former AGT, tie shredder, oil storage container and surface spills. Confirmation samples indicated limited concentrations of contaminated source materials containing TPH-mo and elevated lead were left in place in the area of a concrete slab and trailer. Excavation activities were incomplete in this area as site constraints appear to have prevented the full removal of impacted materials. Additional work will need to be conducted in this area during the redevelopment of the project site property. Details of this work including tables and figures are presented in the *Source Area Removal Report* enclosed in Appendix G. This area is specifically demarcated in Figure 6.
- Soil excavation was also performed in the southwestern side of the project site identified as the southern warehouse area. A total of 270 cubic yards of materials were removed from this area. The excavation of this area appears to have also been somewhat incomplete as contaminants consisting of heavy petroleum hydrocarbons were left in place. Additional work will need to be conducted in this area during the redevelopment of the project site property. Details of this work including tables and figures are presented in the *Source Area Removal Report* enclosed in Appendix G. This area is specifically demarcated in Figure 5.
- Additional excavation was also performed on the south side of the product line trench that was encountered in the northwestern area. Approximately 325 cubic yards of impacted soil was removed from this area. This area is specifically demarcated in Figure 14.

- Additional investigation and source removal was performed in the immediate area of a soil boring (SRB-113) located in the northwestern area of the project site property. This area had been identified as having elevated levels of petroleum hydrocarbons in soil during the characterization phase. Approximately 500 cubic yards of impacted soil was removed from this area. Confirmation soil samples indicated significant concentrations of TPH-d and TPH-mo remained in the excavation sidewalls at depth following the completion of the excavation. In addition, as with previous excavations in this area, free phase petroleum hydrocarbons were encountered in groundwater during the excavation that were pumped, treated and disposed. Details of this work including tables and figures are presented in the *Source Area Removal Report* enclosed in Appendix G. This area is specifically demarcated in Figure 8.
- Approximately 70,000 gallons of impacted groundwater was collected and subsequently disposed of to the City of Santa Rosa sewer system under a general discharge permit.
- Quarterly groundwater monitoring performed in the northwestern portion of the project site property and west into the neighboring property parcel indicated low levels of TPH-d and PAH's in groundwater monitoring well SRMW-13 located in the northwest corner of the property. The fuel oxygenate MtBE was detected in monitoring well SRMW-8 located on the northeast side of the property. The remaining wells appear to have been relatively free of contaminants during the time monitored.

A No Further Action (NFA) letter was issued by the Executive Officer of the NCRWQCB on August 31, 2007. A copy of the letter is included in Appendix G. Several of the groundwater monitoring wells have since been abandoned at the project site, however several also appear to remain. The remaining wells appear to have been incorporated into the upgradient MTBE investigation well network. The NFA letter from the NCRWQCB effectively closed the investigation and remedial requirements related to discharges that resulted in groundwater impacts; however it should be noted the NFA letter was conditioned so shallow soil impacts would be remediated during land use changes. The closure of the investigation was completed even though there were demonstrated impacts that remained in soil and groundwater at the northwestern corner of the project site property and extending onto the neighboring property to the west. It must be said that a significant amount of work was conducted and completed to the extent practical given site constraints and project limitations.

The NFA required the preparation and implementation of a Soil and Groundwater Management Plan (SGMP) for construction activities in the event that the property is redeveloped. The requirement for the SGMP is for the current property owner and/or any party that proposes to redevelop the project site property. The SGMP will set forth and propose procedures that will be used to identify, characterize, handle and potentially dispose of impacted soil and/or groundwater that remain at the site and will likely be encountered during the redevelopment of the property. These impacts are expected to be present from several sources including but not limited to residual contaminants identified and left in place from previous investigations and unknown impacts encountered and/or discovered during additional site investigation activities. The SGMP would need to be approved by the NCRWQCB and the Santa Rosa Fire Department.

The historic site use of the project site property was as a railroad transportation hub that brought much of the goods and commerce to and from Sonoma County throughout the late 1800's and up until the 1960's. The use of the yard included many aboveground and below structures that have been identified as being present at the property. Investigations conducted to date, while extensive, were not comprehensive to fully characterize the property. Additional site characterization should therefore be conducted. Characterization should include the completion of a comprehensive geophysical survey that covers the entire property. This will allow for the identification of any subsurface structures, magnetic anomalies, identification of existing buried utilities and other subsurface site features. In the event that findings from such a study indicate areas of interest, additional exploration and investigation could be performed on an as-needed basis.

It is apparent from the existing data of groundwater monitoring wells located to the east of the project site property and those wells and soil borings that have been installed at the project site over time that impacts from the fuel oxygenate MtBE exist under much of the project site property. It appears the source of the MtBE is the former Occhipinti's Arco property located at 210 Fifth Street. The presence of MtBE is problematic in that it is likely that the groundwater contaminants are traveling regionally in the Railroad Square area in regional groundwater flow and preferential pathways such as utility trenches. These trenches can act as preferential pathways to groundwater flow and contaminant transport. It is established that the responsible party for the release of contaminants from the 210 Fifth Street property will have to address remedial alternatives for the MtBE contamination. For the project site property development this will likely consist of allowing access for groundwater monitoring and perhaps active remediation of groundwater. It would be advantageous to evaluate if the utility trenches running through the project site properties are in fact acting as conduits for groundwater contaminants from upgradient sites. In the event this is the case, efforts could then be employed to mitigate such mechanisms as a proactive and protective means for the project site properties.

It should be noted that additional upgradient sites such as Hotel La Rose and the uncharacterized Aroma Roasters issue pose an environmental threat to the project site property from releases of petroleum hydrocarbons from former underground fuel storage tanks. These sites specifically are in close proximity to the eastern boundary of the project site and are at this time not fully characterized. Therefore as with the previously discussed issue, we would therefore recommend that several courses of action be employed for the project site. This should include allowing and facilitating access to the site if additional characterization of the near site property is required, performing additional investigation of utility trenches if they are thought to be acting as contaminant pathways and having awareness of the potential contaminants during the redevelopment of the property.

Investigations conducted at the site to date have identified the presence of buried pipelines on the southern portion of the project site property. It appears from available information that the pipes are remnants of the historic use of the property in which bulk fuels and liquids were transported to the site via the railroad and distributed to end users in other areas of Santa Rosa using buried pipelines. These pipelines represent an environmental condition to the project site in the event that they were in fact used as oil transmission pipelines that remain in place. Additional

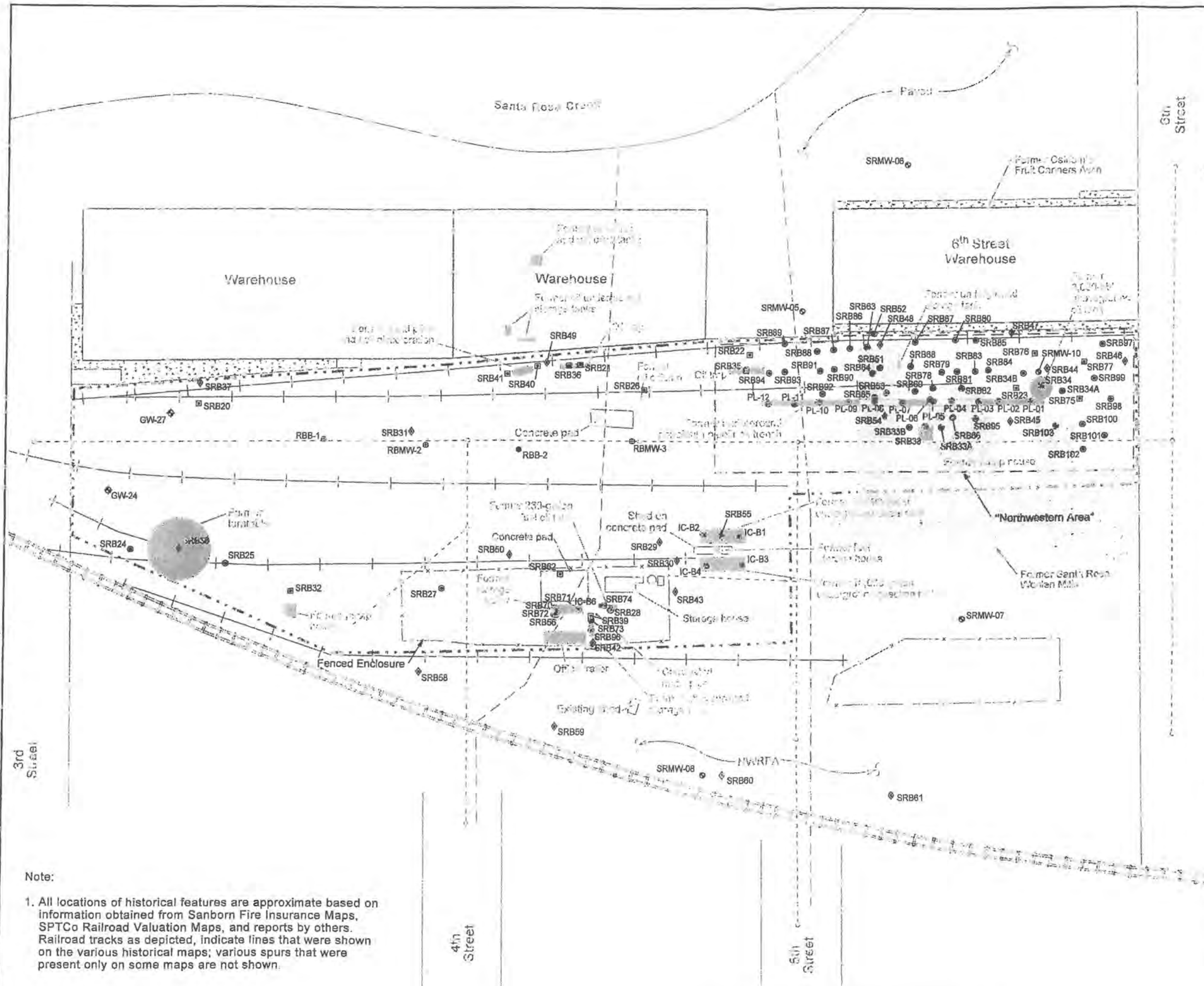
The project site property includes several spur and siding tracks within the property boundaries. It is assumed that the entire remaining track system will be removed from the site as part of the property redevelopment. It is likely that these track corridors represent an environmental condition in and of themselves from the historic use of these tracks as transportation thoroughfares by large steam and diesel electric railroad engines. The track corridors should be characterized prior to construction and or removal to determine the site conditions existing under these structures. This should be accomplished by conducting drilling and exploration along the track corridor and performing analytical testing of the underlying materials for characterization.

The project site contains many treated railroad ties and wood structures that are treated with creosote. Coal tar creosote is a thick, oily liquid typically amber to black in color. Coal tar and coal tar pitch are usually thick, black, or dark-brown liquids or semi-solids, with a smoky odor. Coal tar creosote is the most widely used wood preservative in the United States. Ingestion of creosotes may cause a burning in the mouth and throat and stomach pains. Brief direct contact with coal tar creosote may result in a rash or severe irritation of the skin, chemical burns of the surfaces of the eyes, convulsions and mental confusion, kidney or liver problems, unconsciousness, and even death. Longer direct skin contact with low levels of creosote mixtures or their vapors can result in increased light sensitivity, damage to the cornea, and skin damage. Longer exposure to creosote vapors can cause irritation of the respiratory tract.

Due to the fact that the proposed improvement of the project site is likely to include handling of creosote treated wood ties, a Site Health and Safety Plan should be prepared for the potential exposure to creosote. In addition, removal or replacement of the ties may require disposal of the ties in accordance with applicable regulatory requirements. Similarly, any soil or railroad base excavated or removed during the improvement of the project sites may require special handling, storage and disposal requirements in accordance with applicable regulatory agency requirements.

Several of the remaining structures at the project site are of the age and construction methodology that would likely contain lead based paint and asbestos containing materials. If the structures are to be remodeled and/or removed they will need to be characterized for the presence of these materials by a qualified professional.

A copy of the Sampling Location Map prepared by Geomatrix is included on the following page.



Note:

- All locations of historical features are approximate based on information obtained from Sanborn Fire Insurance Maps, SPTCo Railroad Valuation Maps, and reports by others. Railroad tracks as depicted, indicate lines that were shown on the various historical maps; various spurs that were present only on some maps are not shown.

SAMPLING LOCATION MAP
 Santa Rosa Station Phased Closing Property
 Santa Rosa, California



Project No.
 2770.005

Figure
 5

5.6 Surrounding Site Issues

As outlined in a previous section, many sites were identified within a one-mile radius of the project site as having current and/or previous environmental concerns. Information on several of relevant near site properties identified in the database search is further discussed below. For reference, please refer to the radius maps with all of the following sites that is presented as part of the ERS in Appendix F.

Francetti- 60 West Sixth Street, Santa Rosa

The Francetti site is located directly west of the project site property at 60 West Sixth Street and 3 West Third Street and is listed in databases for having an ongoing investigation related to leaking underground storage tanks.

In November 2000 a limited site investigation was performed at the property consisting of the installation of six soil borings advanced in the presumed downgradient direction of a concrete UST discovered in a warehouse at the site. Elevated levels of TPH-d and TPH-mo and low levels of chlorinated solvents were detected in the groundwater samples. In contrast, the soil analytical results did not indicate the presence of petroleum hydrocarbon constituents.

In 2004, NCRWQCB staff requested quarterly monitoring of an existing monitoring well (MW-4) located in the former parking lot west of the 60 West Sixth Street warehouse. Monitoring well MW-4 was installed in the 1990's as part of an unrelated NCRWQCB investigation in the region.

In October 2004, heavy petroleum hydrocarbons were encountered in one of eight geotechnical soil borings (B-5) that were advanced at the 3 West Third Street property that was performed for the proposed redevelopment of the property. Analytical results of soil samples collected during a subsequent investigation located approximately 20 and 45 feet west of B-5, indicated concentrations of TPH-bo at 2,100 and 2,000 mg/kg, respectively. Analytical results from groundwater samples collected from the soil borings that were advanced in the vicinity of B-5 indicated concentrations of TPH-bo ranging from non-detect up to 130,000 µg/L.

In June 2005, approximately 20 feet of product piping that extended south from the concrete UST through the northern wall of the 3 West Third Street warehouse building was removed during the demolition of the building. The piping was removed in order to facilitate the construction of steel "deadmen" designed to support the 3 West Third Street warehouse building eastern wall. The piping proceeded west towards Santa Rosa Creek an indeterminate distance. Soil samples collected from beneath the piping revealed low levels (60 milligrams per kilogram) of TPH-mo in one of the three soil samples that were collected.

In September 2005, a second tank that was constructed of steel was discovered during on-site demolition activities.

In October 2005, the concrete UST and steel UST were removed from the property under regulatory oversight. Analytical results from confirmation soil samples that were collected from beneath the former concrete UST indicated concentrations of TPH-as bunker fuel (TPH-bo) up to

25,000 milligrams per kilogram (mg/kg). Confirmation soil samples from the product piping removal activities indicate non-detect results with the exception of a detection of 60 mg/kg of TPH-bo in one soil sample. Analytical results from the confirmation soil samples collected from the former steel UST area were non-detect and 1,100 mg/kg and 260 mg/kg of TPH-bo. Analytical results from groundwater samples collected indicated concentrations of TPH-bo ranged from non-detect up to 9,000 µg/L.

From October 2005 to January 2006, 22 soil borings were advanced at the site to assess the impacts from the former UST's. Soil borings that were advanced in the vicinity of the former concrete UST indicate the presence of TPH-bo in soil at concentrations up to 3,600 mg/kg. Analytical results from the soil samples collected from SB-1 exhibited concentrations of TPH-bo up to 9,600 mg/kg. Analytical results from grab groundwater samples collected from the soil borings that were advanced in the vicinity of the concrete UST indicated concentrations of TPH-bo ranging from non-detect up to 30,000 µg/L.

Between August and October 2006, excavation activities were conducted at the project site to remove heavy range petroleum hydrocarbons from soil in the vicinity of the steel UST, the concrete UST, and south of the concrete UST towards former geotechnical soil boring B-5. Much of the excavation was performed using a slot trench technique with absorbent pads and limited groundwater pumping. These techniques were used due to stability concerns of the existing building walls that remain at the site. A total of approximately 2,155 tons of impacted soil was removed and transported for disposal to a licensed disposal facility as part of the excavation activities. Analytical results of confirmation soil samples collected at the conclusion of the excavation activities indicated that the excavation activities were generally effective at removing accessible source materials given the site constraints.

The project site currently consists of brick and concrete walls that are remnants from the original warehouse buildings.

Six groundwater-monitoring wells have been installed at the site that extends from the western edge of the project site property west towards Santa Rosa Creek. Quarterly monitoring has occurred at the site from February 2007 to the present time. The most recent groundwater monitoring sampling results indicated concentrations of TPH-bo in the groundwater samples collected from MW-1, MW-2, and MW-5 at 320, 2,600, and 250 micrograms per liter, respectively. Analytical results indicate that concentrations of TPH-bo in the groundwater samples collected from MW-3, MW-4, and MW-6 were not above the laboratory detection limit for TPH-bo.

Groundwater flow direction at this site has been documented to be westerly towards Santa Rosa Creek.

It should be noted that the use of this property has been well documented as a fruit-processing and cannery facility dating from the late 1800's. The use of fuel oil at the site is thought to have been connected to the food processing operations. It should also be noted that fuel oil was delivered to the property from the railroad line. Several pipes and related fuel structures have been documented as extending from this site onto the project site property.

The site is currently in the verification monitoring phase to verify the effectiveness of the corrective action measures that have been employed to date. Due to the fact that the identified site is located west of and downgradient of the project site property with respect to groundwater flow and contaminant flow, it appears to pose a minimal threat to the project site.

Former Occhipinti's Arco – 210 Fifth Street, Santa Rosa

The former Occhipinti's Arco property is located approximately 750 feet east of the project site at 210 Fifth Street. The property was operated as a gasoline service station from the early 1950's to February 2005.

Records for the site indicate that the most recently used underground fuel storage tanks (UST's) were installed at the property between 1974 and 1978. Four UST's at the site were used to store gasoline and diesel fuel. A waste oil tank was also present on the northeast portion of the site. Two of the tanks failed a tightness test in May of 1985.

In 1996, MtBE was detected in groundwater samples collected during a UST investigation at the property located at 123 Fourth Street located to the west of the project site property and approximately 300 feet southwest and downgradient of the former Occhipinti's site. The 123 Fourth Street UST predated the use of MtBE, which prompted the NCRWQCB to look for alternate sources of this constituent.

In June 1998, the NCRWQCB requested that the owners and operators of the tanks at the Occhipinti's site to investigate if their tanks had released petroleum hydrocarbons to the environment.

In April 2000, one soil boring was advanced at the site for the purpose of obtaining grab-groundwater samples for chemical analysis. The corresponding analytical results confirmed the presence of MtBE and other petroleum hydrocarbon constituents in groundwater beneath the property. Subsequent soil and groundwater investigations conducted between September 2001 and May 2005 revealed significant petroleum hydrocarbon contamination in soil and groundwater as far as 800 feet west of the property.

In August and September 2005, the automotive service station/convenience store and associated canopies were demolished. The removal of the building and associated structures was conducted to facilitate access to and removal of impacted soil beneath building, canopy and dispensers. The UST's were also removed at this time along with two in-ground hydraulic hoists and oil-water separator.

Remedial activities were employed at the site that included the excavation of impacted soil and pumping of groundwater. The area of excavation included the majority of the western portion the site. Due to the proximity of Davis Street and Fourth Street, the limits of the excavation were constrained to the west and south, respectively. A total of approximately 7,700 cubic yards (10,900 tons) of contaminated soil were excavated and disposed of as part of the excavation activities and approximately 24,000 gallons of impacted groundwater was pumped, treated and

disposed of to the sanitary sewer. A fifth UST was found and removed during the excavation activities that appeared to date to the original service station dating from the 1950's.

Concentrations of gasoline in the confirmation soil samples collected during excavation activities ranged from non-detect to 250 milligrams per kilogram (mg/kg). The higher concentrations of TPH-g (greater than 100 mg/kg) reported in soil samples corresponded to soil samples collected from the southern and western boundaries of the property bordering Fourth Street and Davis Streets.

To date, a total of twenty groundwater-monitoring wells have been installed as part of the characterization of the impacts to groundwater to the identified site and surrounding area. The monitoring well network extends west from the identified site to the eastern edge of the project site property. Quarterly groundwater monitoring conducted to date confirms the presence of petroleum hydrocarbons that extends from the site of origin to the west and southwest as far as Wilson Street. The primary contaminant in the outlying wells appears to consist of MtBE.

In November 2007 a deep groundwater investigation was conducted at the site consisting of the installation of four conductor cased groundwater monitoring wells to determine if impacts had occurred to deeper groundwater bearing zones. Preliminary analytical results indicated the presence of MtBE up to 32.8 µg/L in groundwater in these wells. A report of findings for the installation of the conductor casing monitoring wells is currently being prepared.

A Corrective Action Plan was requested by the NCRWQCB in September 2007. It should be noted however that since a good portion of the impacted groundwater plume is located under developed structures within the block bound by Davis, Fourth, Wilson and Fifth Streets, access will likely be limited and active remediation of groundwater will be problematic. It should also be noted that since the mass excavation of the impacted source materials has been completed to the extent practical, that declines in the groundwater contaminant concentrations have occurred. This is likely due to natural attenuation, dispersion and degradation of the contaminants.

Quarterly groundwater monitoring and reporting is ongoing and will likely continue into the foreseeable future.

Groundwater flow at this site has been documented to flow west towards the project site property. Groundwater in the Railroad Square area and at the project site has been demonstrated to contain detectable concentrations of MtBE. It is thought at this time that the MtBE is from the identified site. It is likely that the impacts to groundwater from the identified site will require additional characterization and potentially remediation. As previously discussed, specific recommendations related to investigation and possible remediation of utility trenches on the project site should be considered. In addition, considerations to allow access to the project site to facilitate the investigation and remediation of the impacts should be considered.

LaGare Restaurant – 208 Wilson Street, Santa Rosa

The LaGare Restaurant site is located approximately 550 feet southeast of the project site property and is listed in databases as having an investigation related to a leaking underground

storage tank. The UST was uncovered on October 31, 2002 and abandoned in place due to its orientation with respect to the building. A sample of the tank contents was obtained from the UST and submitted for chemical analysis that indicated the tank contained petroleum hydrocarbons consisting of gasoline, diesel, motor oil, and Stoddard solvent weight range constituents.

On January 6, 2003, four soil borings were advanced at the project site in an attempt to determine the nature and extent of soil and/or groundwater impacts in the vicinity of the UST. Due to the location of the UST in relation to the building, the soil borings were advanced in the presumed side and upgradient directions from the UST and no downgradient soil borings were advanced. The analytical results for groundwater samples collected during this investigation indicated all results were below the laboratory detection limit with the exception of TPH-mo detected in soil boring SB-4 at a concentration of 220 micrograms per liter.

Between January 17 and March 12, 2007, three hand auger soil borings were installed inside the property building and immediately downgradient from the UST. Petroleum hydrocarbon impacts were first observed in groundwater at approximately 11.5 to 12.5 feet below the ground surface in these borings and appeared to increase in concentration with depth.

The analytical results of groundwater samples collected from these borings indicated the presence of TPH as Stoddard solvent (TPH-ss) at concentrations of 57,000, 57,000 and 77,000 micrograms per liter, respectively. Soil sample analytical results did not indicate the presence of any constituent in concentrations at or above the laboratory detection limit.

Observations and analytical results of groundwater samples collected during the investigation appeared to indicate that a release of petroleum hydrocarbon constituents from the UST has occurred at the site. Based on these results, additional work was recommended to define impacts to soil and groundwater in the vicinity of the UST and surrounding area. The additional work has not yet been performed.

Due to the distance of the identified site from the project site property and the documented groundwater flow to the west, it is possible it may impact the project site property, although no impacts to the project site have been documented to date. In the event that the project site property was impacted from this site, it would be the responsibility of the neighboring property owners to investigation and remediate such impacts.

Westside Engine & Machine – 12 West Third Street, Santa Rosa

The Westside Engine & Machine is located approximately 600 feet southwest of the project site and is listed in databases as having an active investigation related to a leaking underground storage tank. The site was used as an auto repair facility and had a 200-gallon waste oil UST that was removed in February 1993. The owner of the site has been directed to conduct investigations and to date no work has been performed. The Sonoma County Department of Environmental Health invoked enforcement action against the property owner in January 2008. No additional information available.

The identified site is located across Santa Rosa Creek from the project site which represent a hydrologic divide from the project site. Therefore the site is seen as posing a minimal risk to the project site property.

David Sierra- 15 Third Street, Santa Rosa

The David Sierra site is located approximately 150 feet east of the southern portion of the project site property and is listed in regulatory agency files as having had an investigation related to a former UST at the site. Four borings were installed in September 1996 at the site and soil and groundwater samples indicated low levels of xylenes in one soil sample collected during the investigation. The NCRWQCB issued a closure letter on October 3, 1996.

It appears from the available information that the site poses a minimal risk to the project site property.

SRDPW 3rd Street Culvert – Third Street, Santa Rosa

In 1965 the City of Santa Rosa purchased approximately 20 feet of property located at 2 Third Street for the purpose of widening Third Street. In 1983 the NCRWQCB received complaints of an oily discharge from a culvert into Santa Rosa Creek. A geophysical survey conducted in the area of the City's right-of-way identified two magnetic anomalies suspect of being a UST adjacent to the frontage of the building at 2 Third Street. In 1995 the City conducted exploratory trenching in the right-of way and did not recover evidence of a suspected UST. From 1997 to 2002 additional investigations were conducted to determine the location and impact of the suspected UST and again no evidence of a UST was identified.

In 2003 the City installed a permanent dewatering sump along the Santa Rosa Creek where water/liquids from the culvert would collect.

In 2005, 13 borings were advanced along the east side of Santa Rosa Creek and analytical results indicated concentrations of TPH-g, TPH-d, TPH-mo and TPH-k in soil and groundwater samples collected as part of the investigation. In October 2006, four groundwater-monitoring wells were installed along the east side of Santa Rosa Creek and two additional groundwater-monitoring wells were installed along the south side of Third Street. A gauging station was also installed at the Third Street Bridge. Analytical results for groundwater samples collected from the wells has indicated concentrations of TPH-g up to 7,700ug/L in MW-2 located in the vicinity of the suspected UST, as well as TPH-d up to 2,100 ug/L and kerosene up to 2,300 ug/L in the remaining monitoring wells. Low levels of MtBE and chlorinated solvents were also reported. Recommendations were made to perform extended quarterly monitoring of the monitoring wells.

It is our understanding that responsible party determinations are being made for the revision of a Cleanup and Abatement Order.

Due to the fact that the identified site is located southwest of and downgradient of the project site property with respect to groundwater flow and contaminant flow, it appears to pose a minimal threat to the project site.

Southern Pacific Railroad Right of Way – 3rd Street, Santa Rosa

The Southern Pacific Railroad Right of Way is located south of the project site property across 3rd Street and was formerly a part of the project site property. In 1987 two UST's were removed (230-gallon leaded gas and 50-gallon fuel oil) from the site and several holes were identified on the 50-gallon fuel oil tank. From 1990 to 1992 one groundwater-monitoring well and three soil borings installed. It appears the site investigation has indicated that groundwater contaminants from this site are commingled with the contaminants from the former Mead Clark Lumber property and as such have been incorporated into the monitoring and remedial efforts of this site.

Due to the fact that the identified site is located south of and downgradient of the project site property with respect to groundwater flow and contaminant flow, it appears to pose a minimal threat to the project site.

Mead Clark – 3rd Street & Railroad Avenue, Santa Rosa

The Mead Clark site is located approximately 350 feet south of the project site property and is listed in regulatory files as having an investigation related to a former leaking underground storage tank. In July 1986 a 500-gallon gasoline UST was removed from the site. Impacts to soil and groundwater included significant quantities of gasoline, diesel, kerosene and related volatile organic compounds.

After a Cleanup and Abatement Order was issued by the NCRWQCB, 40 groundwater monitoring wells were installed on the identified site and off site in areas to the north and west. Two groundwater monitoring wells were placed on the southern portion of the project site that have since been removed.

Additional phases of investigation and characterization have occurred at the site over time. In 2005 an ozone/hydrogen peroxide remediation system was installed on the southwest side of the identified site that included 12 sparge point locations. Available information indicates the remediation system is currently operating and will continue to operate into the foreseeable future. Recent reports have indicated that the remediation system at the identified site appears to be effective.

From the available information it appears the impacts from the identified site are widespread; however there is no indication that the contaminants have impacted the project site property. It appears that based on the characterization of the site and demonstrated effectiveness of the remediation system, it appears the identified site poses a low risk to the project site property.

Former Shell Service Station – 200 Fourth Street, Santa Rosa

A former Shell branded service station was located at 200 Fourth Street approximately 750 feet east of the project site property. Regulatory agency records indicate the site was a gasoline service station that was present and active in the area in the 1950's and 1960's. Four UST's were removed from the site in the late 1990's that were located under the sidewalk on the east

side of Davis Street. Impacts to soil and groundwater were detected at the time the tanks were removed.

Several phases of investigation have been performed at the site and have included the installation of four groundwater-monitoring wells. One of the wells was removed during the redevelopment of the 200 Fourth Street property in 2004. The remaining three wells are located in Davis Street.

The most recent semi-annual sampling event continues to indicate significant concentrations of petroleum hydrocarbons in groundwater that remain undefined with respect to lateral and vertical extent. It appears likely that the impacted groundwater extend under west of the site and into the Fourth Street corridor.

Due to the lack of full definition of the property, it is unknown if the contaminants in groundwater extend to the project site property. It appears that groundwater flow direction have been calculated to the west with both a northerly and southerly flow component.

Redwood Oil – 130 Third Street, Santa Rosa

The Redwood Oil site is located 575 feet southeast of the project site property. Available information indicates the property was a gasoline service station from 1966 until 1987. Four UST's were removed from the site in October 1987. Soil samples collected at the time the tanks were removed indicated significant concentrations of petroleum hydrocarbons and related volatile organic compounds present in soil and groundwater.

Site investigations conducted at the site included the installation of nine groundwater-monitoring wells that extend from the identified site and extending to the southwest. Quarterly groundwater sampling indicated a flow direction to the southwest.

Remedial activities at the property included excavation of impacted soils and pump and treat of impacted groundwater.

The site was granted regulatory closure by the NCRWCB in September 1999.

Based on the distance of the identified site from the project site and demonstrated area of impacts, it appears to pose a minimal threat to the project site property.

Whistlestop Antiques – 130 Fourth Street, Santa Rosa

The Whistlestop Antiques property is located approximately 650 feet east of the project site property. Available information indicates the property had a 500-gallon diesel UST abandoned in place in April 1988. One soil boring was installed next to the UST and soil samples collected indicated TPH-d in soil at 300mg/kg. Regulatory agency files indicated that there were no indications of impacts to groundwater. The site was therefore granted regulatory closure with no further action required. Based on the distance of the identified site from the project site and demonstrated area of impacts, it appears to pose a minimal threat to the project site property.

Herbert Kurlander – 123 Fourth Street, Santa Rosa

The 123 Fourth Street property is located approximately 500 feet east of the project site property. Available information indicates the property was purchased by the Kurlander family in 1953. The property was historically used as a laundry. Two UST's were discovered at the property in the late 1980's. The tanks appear to have been used for the storage of heating oil. The tanks were removed in March 1990 and soil samples collected during the removal of the tanks indicated the presence of low levels of petroleum hydrocarbons consisting of diesel and gasoline.

Four groundwater-monitoring wells were installed at the property in 1993 and 1995 to define the extent of the contaminants. Groundwater flow directions were calculated to be to the west, away from the project site property. During the sampling of these wells in 1997, MtBE was detected in the groundwater samples indicating the contaminants were of a more recent origin and likely not from the UST's at the property. In addition to MtBE, gasoline was detected in an upgradient well indicating an upgradient source. Continued groundwater testing indicated low levels of contaminants.

The site was granted regulatory closure in October 1998.

The identified site is located east of and upgradient of the project site property with respect to groundwater flow and contaminant flow. It appears that impacts from the site were minimized in extent and it appears from the available information to pose a minimal threat to the project site.

Montague Property – 100 Fourth Street, Santa Rosa

The Montague property is located approximately 350 feet east of the project site property. Available records indicate two UST's were discovered at the site by the Santa Rosa Fire Department during a facility inspection in a vault on the sidewalk of Wilson Street. Impacts to soil were discovered outside of the vault that consisted of gasoline, diesel and related volatile constituents.

Limited site investigations were performed in which two soil borings were installed in the vicinity of the former tanks. The results indicated no detectable levels of petroleum hydrocarbons, however there was strong petroleum odors observed during the drill indicating perhaps that the sampling locations were not reflective of the actual site conditions. Additional assessment of the site was requested by the NCRWQCB; however no additional work has been performed. The site remains uncharacterized.

Based on the fact that the site is located west of and upgradient of the project site with respect to groundwater flow and contaminant transport, it is possible that impacts to the project site could occur. However, in the event that such impacts were found, it would be the responsibility of the property owner to investigate and remediate such impacts. It appears at this time to pose a minimal threat to the project site property.

Hotel La Rose – 101 Fifth Street, Santa Rosa

The Hotel La Rose property is located approximately 250 feet east of the project site property at the intersection of Wilson and Fifth Street. Available records indicate the site was a gasoline service station from prior to the 1930's up until 1973. Three UST's were removed from the site in 1984. In 1991 a fourth UST was discovered in the sidewalk and subsequently abandoned in place.

Site investigation activities have included the installation of seven groundwater-monitoring wells that extended from the identified site and across Wilson Street to the southwest, although many of the wells were subsequently removed during street and sewer improvements in the area. Quarterly groundwater sampling has indicated continued concentrations of petroleum hydrocarbons in groundwater.

Due to the proximity of the identified site in an upgradient location of the site to the project site property, the significant concentrations of known impacts to soil and groundwater from the identified site and the fact that that such impacts are at this time undefined, it appears the site poses an environmental concern to the project site. As with the 210 Fifth Street property it is likely that the impacts from the identified site will require additional characterization and potentially remediation. As previously discussed, specific recommendations related to investigation and possible remediation of such impacts to the project site should be considered if they exist. In addition, considerations to allow access to the project site to facilitate the investigation and remediation of the impacts should be considered.

It should be noted that the off-site investigative work conducted as part of the Hotel La Rose investigation has encountered impacts in groundwater from heavy petroleum hydrocarbons in the Aroma Roasters property. This site is located at 95 Fifth Street approximately 150 feet east of the project site property. In 2006 three soil borings were installed in the vicinity of Aroma Roasters as part of Hotel La Rose UST investigation located directly west of Aroma Roaster across Wilson Street. Analytical results indicated significant concentrations of petroleum hydrocarbons at such a concentration that represents free phase product present in groundwater at the site. Conversations with NCRWQCB staff indicate that the source of this contamination in groundwater is unknown and it appears it may be from a separate source located at Aroma Roasters and not from the Hotel La Rose property.

Due to the distance of the identified site from the project site property and the documented groundwater flow to the west towards the project site property, it is possible that impacts to the project site property have occurred, although no impacts to the project site have been documented to date. This site is currently undefined and therefore poses a risk of impacting the project site property. In the event that the project site property was impacted from this site, it would be the responsibility of the neighboring property owner to investigate and remediate such impacts; however, awareness of these potential impacts should be exercised.

Peter Kerston Property – 726 Wilson Street, Santa Rosa

The Peter Kerston Property is located at 726 Wilson Street approximately 800 feet northeast from the project site and is identified in databases as having an investigation related to a former leaking underground storage tank. In 1990 a 500-gallon underground storage tank was removed from the property. Soil samples collected from the tank pit indicated no detection for constituents of concern. However, observations of holes were noted in the tank and free phase product was observed in groundwater in the tank pit at the time of removal. A groundwater sample was not collected at the time of tank removal. Files indicate the NCRWQCB requested site assessment many times, however no further work was conducted and the site was closed in June 1994 under appeal by the NCRWQCB members during a public hearing.

Santa Rosa Corporation Yard – 819 Donahue Street, Santa Rosa

The former Santa Rosa Corporation Yard is located at 819 Donahue Street approximately 1,100 feet north of the project site and is identified in databases as having completed an investigation related to leaking underground storage tanks. This site was the City of Santa Rosa Corporation Yard from approximately 1901-1981. In 1988 seven UST's (10,000-gallon gasoline, 7,500-gallon gasoline, 5-550-gallon gasoline), two waste oil UST's (250 & 550-gallon) and five hydraulic hoists were removed from the site. TPH-g and heavy petroleum hydrocarbons were reported in soil samples collected up to 6,800 mg/kg. Later that year 14 soil borings and five groundwater-monitoring wells were installed at the site significant concentrations of gasoline and related volatile organic compounds were detected in soil and groundwater samples. Several chlorinated solvents were also detected in groundwater at the site. In January 1989 five additional monitoring wells were installed and soil trenching was performed to better characterize impacts to soil and groundwater. Analytical results from the soil trenching indicated significant levels of TPH-g, TPH-d and TPH-mo. Groundwater samples from the installed monitoring wells indicated TPH-g up to 15,000ug/L, TPH-d up to 800 ug/L, TPH-mo up to 19,000 ug/L and benzene up to 1,200 ug/L.

Additional subsurface investigation occurred in 1990-91 including the excavation of approximately 15,000 cubic yards of soil and removal of approximately 32,000 gallons of impacted groundwater. The excavation activities appear to have been performed to the extent practical given site constraints. Petroleum hydrocarbons remained in soil centrally located at the site.

Groundwater monitoring occurred in June 1994 and all samples were non-detect for the constituents of concern. In January 1997 four additional soil test pits were installed to sample groundwater around the edge of the former excavation and samples indicated non-detect except for low levels of diesel. The NCRWQCB closed the site in June 1997.

The identified site is located north of and cross gradient of the project site property with respect to groundwater flow and contaminant flow. It appears that impacts from the site were largely removed during the remedial efforts conducted at the site. It appears from the available information that the identified site poses a minimal threat to the project site.

Lincoln Arts Center – 709 Davis Street, Santa Rosa

The Lincoln Arts Center site is located approximately 1,300 feet northeast of the project site property and is listed in regulatory agency files for an investigation related to a former UST. In September 1990 a 2,000-gallon heating oil tank was removed from the site and samples collected at the time of removal indicated moderate concentrations of motor oil in soil in the area of the former tank. In 1994 four soil borings were advanced at the site and soil samples were indicated low levels of volatile organic compounds detected in groundwater from two of the soil borings. A case closure letter for the site was issued on November 16, 1994.

It appears from the available information that the identified site poses a minimal threat to the project site property.

Additional Sites

Additional sites with environmental concerns were identified in the ERS within the prescribed two-mile search radius from the project site. Based on the distance of the additional identified sites from the project site and the fact that they are currently undergoing or have completed investigation or remedial activities under the jurisdiction of applicable regulatory agencies, it appears that the remaining identified sites pose a minimal risk to the project site.

6.0 Conclusions

Based on information presented in the previous sections, the following conclusions can be made regarding the project site:

- The project site property has been the subject of many phases of environmental investigation and remediation. The site property is identified in regulatory agency databases and files for investigations related primarily with leaking underground fuel storage tanks, aboveground fuel storage tanks and impacts to soil and groundwater from the historic use of the property.
- Remedial efforts removed significant amounts of contaminated materials from the site; however, several areas of the property were left with contaminants in place. Specifically, impacts to soil and/or groundwater remain in the northwestern area of the site, the fenced enclosure and in the area of the southern warehouse.
- The North Coast Regional Water Quality Control Board issued a No Further Action letter for the site on August 31, 2007. The closure of the site is conditional and additional requirements were stipulated to be required in the event that the site is redeveloped.
- A Soil and Groundwater Management Plan has been stipulated as a condition for the redevelopment of the property by the North Coast Regional Water Quality Control Board. It will need to be reviewed and approved by this agency and the Santa Rosa Fire Department.

- The project site property includes several spur and siding tracks within the property boundaries. It is assumed that the entire remaining track system will need to be removed from the site as part of the property redevelopment. It is likely that these track corridors represent an environmental condition in and of themselves from the historic use of these tracks as transportation thoroughfares by large steam and diesel electric railroad engines.
- There are a significant number of railroad ties that exist at the project site as part of the existing track system. These ties are creosote treated wood that will need to be properly handled and disposed of if removed. In addition, areas that these ties are stored and used will need to be properly characterized and cleared of impacts from these structures.
- Several storm drains and sewer lines are present on the project site property. It appears from groundwater sampling that these structures may be acting as preferential pathways for contaminant transport of upgradient environmental impacts.
- Several upgradient properties with known environmental releases are seen as posing an environmental threat to the project site property. Contaminants of concern include the fuel oxygenate MtBE and petroleum hydrocarbons.
- Several small site structures that remain at the property are of the age and construction methodology that may have lead based paint and/or asbestos containing materials present.
- Several groundwater monitoring wells are present on the project site property.

7.0 Recommendations

EBA Engineering has performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of the property located at 2 Fourth Street and 34 Sixth Street in Santa Rosa, California. Any exceptions to, or deletions from, this practice are described herein. Based on conclusions from the environmental records search, historical data review, and the site reconnaissance, EBA recommends the following:

- Perform a geophysical survey of the entire property to identify any buried metal objects, utility trenches and /or subsurface structures at the project site. Additional site work could be required based on the results of the geophysical survey.
- Prepare a Soil and Groundwater Management Plan for the handling, characterization and disposal of known and unknown contaminated materials that will likely be encountered during the redevelopment of the project site property. The known impacts to the project site that remain specifically in the fenced enclosure and the southern warehouse areas must be resolved during the site redevelopment process.
- Explore the environmental condition of the track corridors to determine if impacts are present in these areas prior to redevelopment of the site. This work scope should be

accomplished using a drill rig to obtain soil samples every 25 to 50 feet lineal of track and at obvious points of contamination to profile the project site property in these areas.

- Explore if the utility trenches that traverse the project site property are acting as preferential conduits for impacts to groundwater.
- Consider contingency planning for the handling, disposal and worker safety requirements for the removal of creosote treated wood railroad ties.
- Facilitate the expedient characterization of the known upgradient sites with ongoing environmental investigations.
- Perform confirmation soil sampling in areas of the project site where contaminants of concern were left in place and potentially remain.

8.0 References

Aerial Photographs:

1953	Environmental Data Resources
1965	Environmental Data Resources
1982	Environmental Data Resources
1993	Environmental Data Resources
1998	Environmental Data Resources
2006	Google Earth ®

Brunsing Associates – *Groundwater Monitoring Report, February 1998, 123 Fourth Street, Santa Rosa, California.* March 9, 1998.

Brunsing Associates – *Report of Findings for Groundwater Investigation, 123 Fourth Street, Santa Rosa, California.* October 23, 1995.

Brunsing Associates – *Report of Findings from Soil and Groundwater Investigation, 123 Fourth Street, Santa Rosa, California.* February 15, 1994.

Cambria Environmental Technologies – *Work Plan for Groundwater Monitoring Wells, Former Texaco Service Station #21-1302, 101 Fifth Street, Santa Rosa, California.* July 24, 2006.

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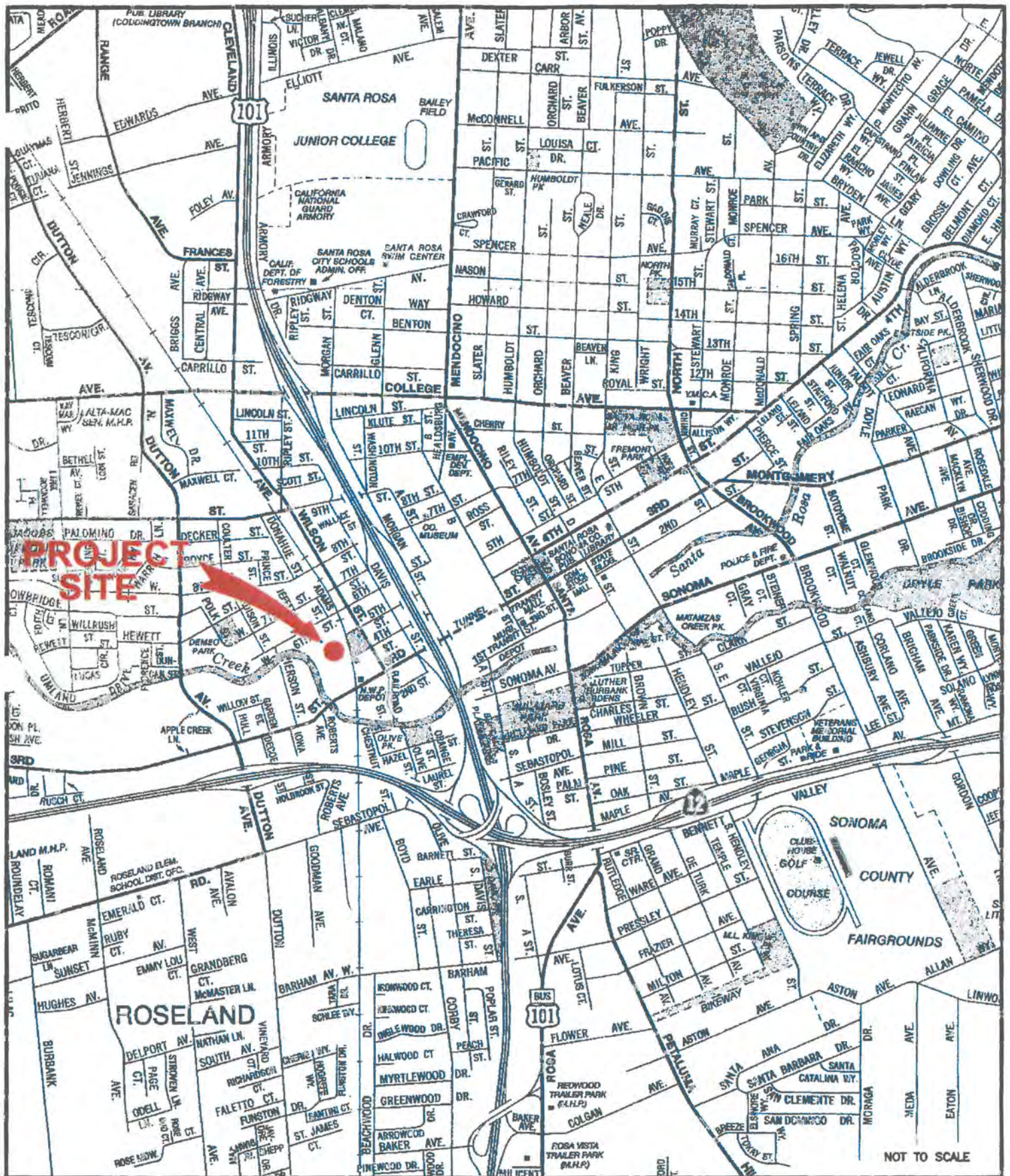
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APPENDIX A

FIGURES



LOCATION MAP
 SMART PROPERTY
 RAILROAD SQUARE
 SANTA ROSA, CALIFORNIA





EBA

OBLIQUE AERIAL VIEW LOOKING NORTH

APNS 010-171-004 AND 010-166-003
SANTA ROSA, CALIFORNIA

FIGURE

3

FEBRUARY 2008
06-1358



View of project site property from north looking south.



View of project site property from northeast corner looking south..



View of project site property from north looking south.



View of project site property from northeast corner looking south..



View of project site property from northeast corner looking north.



View of east side of project site property looking south..



View of fenced enclosure within project site property.



View of former fueling station located centrally within the project site property.



View of central portion of the project site property looking south.



View of east side of the project site property looking southwest.

APPENDIX B
AERIAL PHOTOS



EDR® Environmental
Data Resources Inc

The EDR Aerial Photo Decade Package

**SMART Property
Railroad Square
Santa Rosa, CA 95401**

Inquiry Number: 2112425.4

January 04, 2008

The Standard in Environmental Risk Information

**440 Wheelers Farms Road
Milford, Connecticut 06461**

Nationwide Customer Service

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

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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

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Date EDR Searched Historical Sources:

Aerial Photography January 04, 2008

Target Property:

Railroad Square

Santa Rosa, CA 95401

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1953	Aerial Photograph. Scale: 1"=555'	Flight Year: 1953	Pacific Air
1965	Aerial Photograph. Scale: 1"=333'	Flight Year: 1965	Cartwright
1982	Aerial Photograph. Scale: 1"=690'	Flight Year: 1982	WSA
1993	Aerial Photograph. Scale: 1"=666'	Flight Year: 1993	USGS
1998	Aerial Photograph. Scale: 1"=666'	Flight Year: 1998	USGS



INQUIRY #: 2112425.4

YEAR: 1953

| = 555'





INQUIRY #: 2112425.4

YEAR: 1965

| = 333'





INQUIRY #: 2112425.4

YEAR: 1982

| = 690'





INQUIRY #: 2112425.4

YEAR: 1993

| = 666'





INQUIRY #: 2112425.4

YEAR: 1998

| = 666'



APPENDIX C
SANBORN FIRE INSURANCE MAPS

Certified Sanborn® Map Report



Sanborn® Library search results
Certification # 8F2B-4A75-9181

SMART Property
Railroad Square
Santa Rosa, CA 95401

Inquiry Number 2112425.3S

January 07, 2008



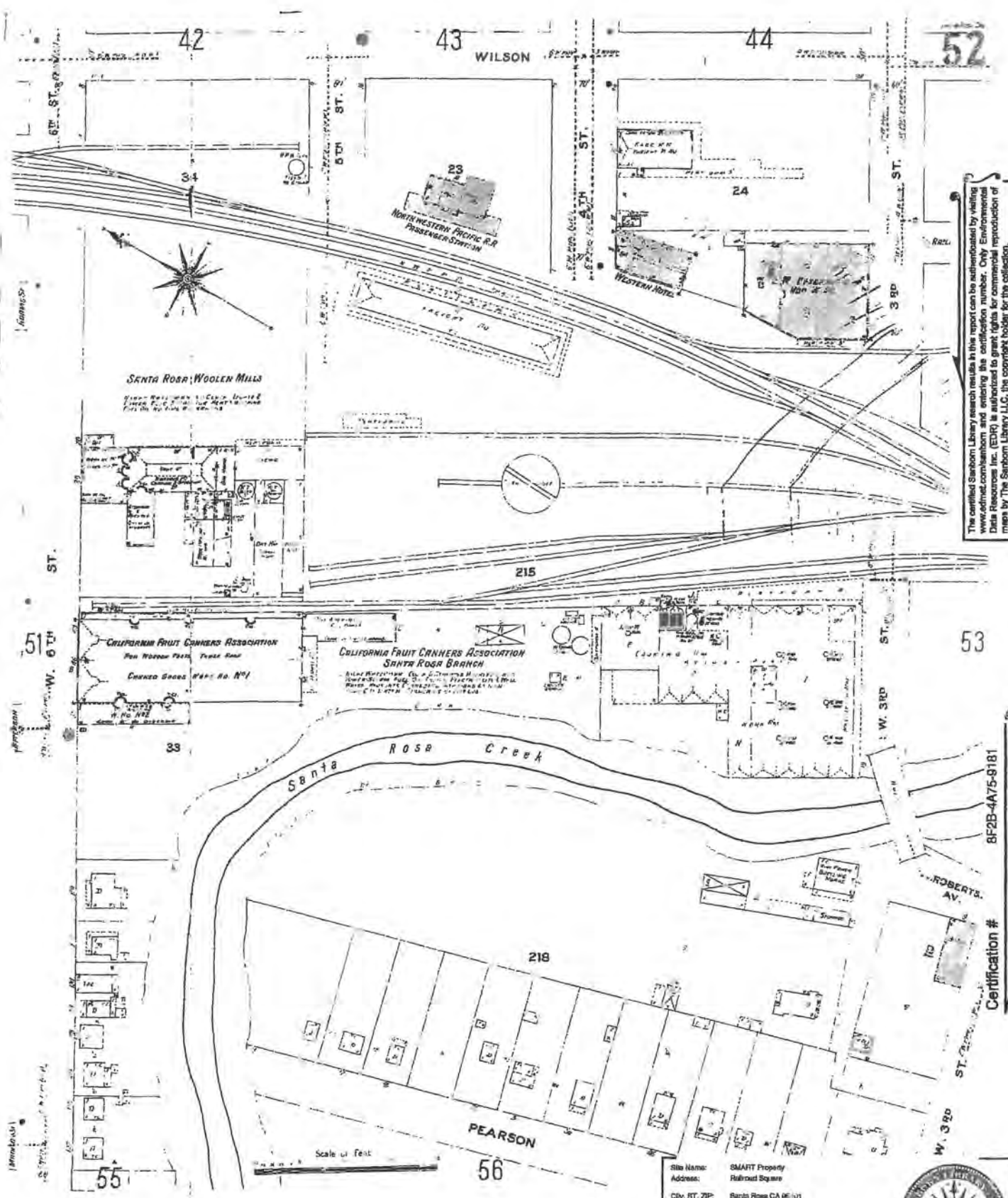
EDR® Environmental
Data Resources Inc

The Standard in Environmental Risk Information

440 Wheelers Farms Rd
Milford, Connecticut 06461

Nationwide Customer Service

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

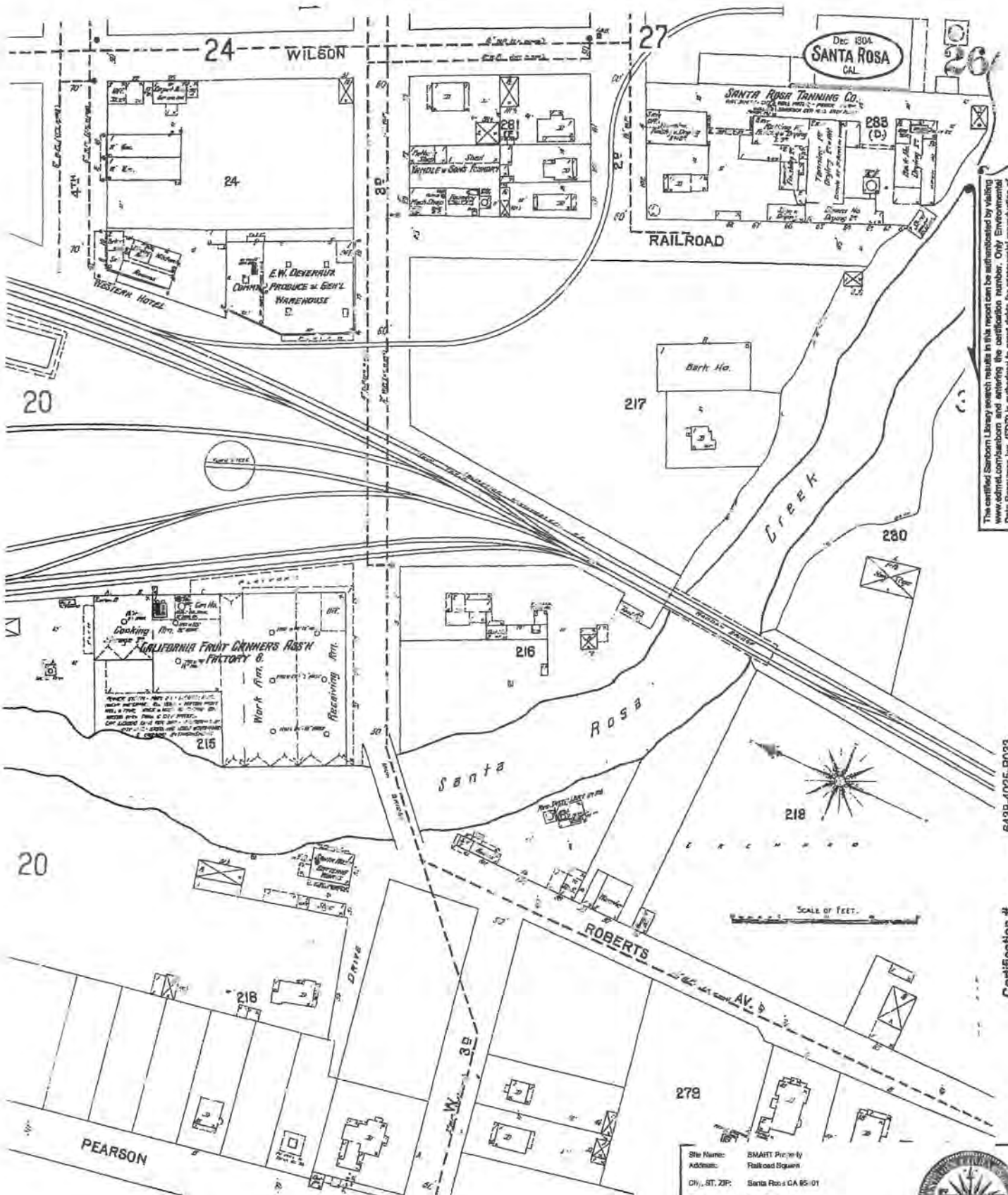


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8F2B-4A75-8181
Certification #

Site Name: SMART Property
Address: Railroad Square
City, ST, ZIP: Santa Rosa CA 95401
Client: EPA Engineering
EDRI Locality: 9110 US 99
Order Date: 1/7/2009 8:58:50 AM
Certification #: 8F2B-4A75-8181
Copyright: 1902





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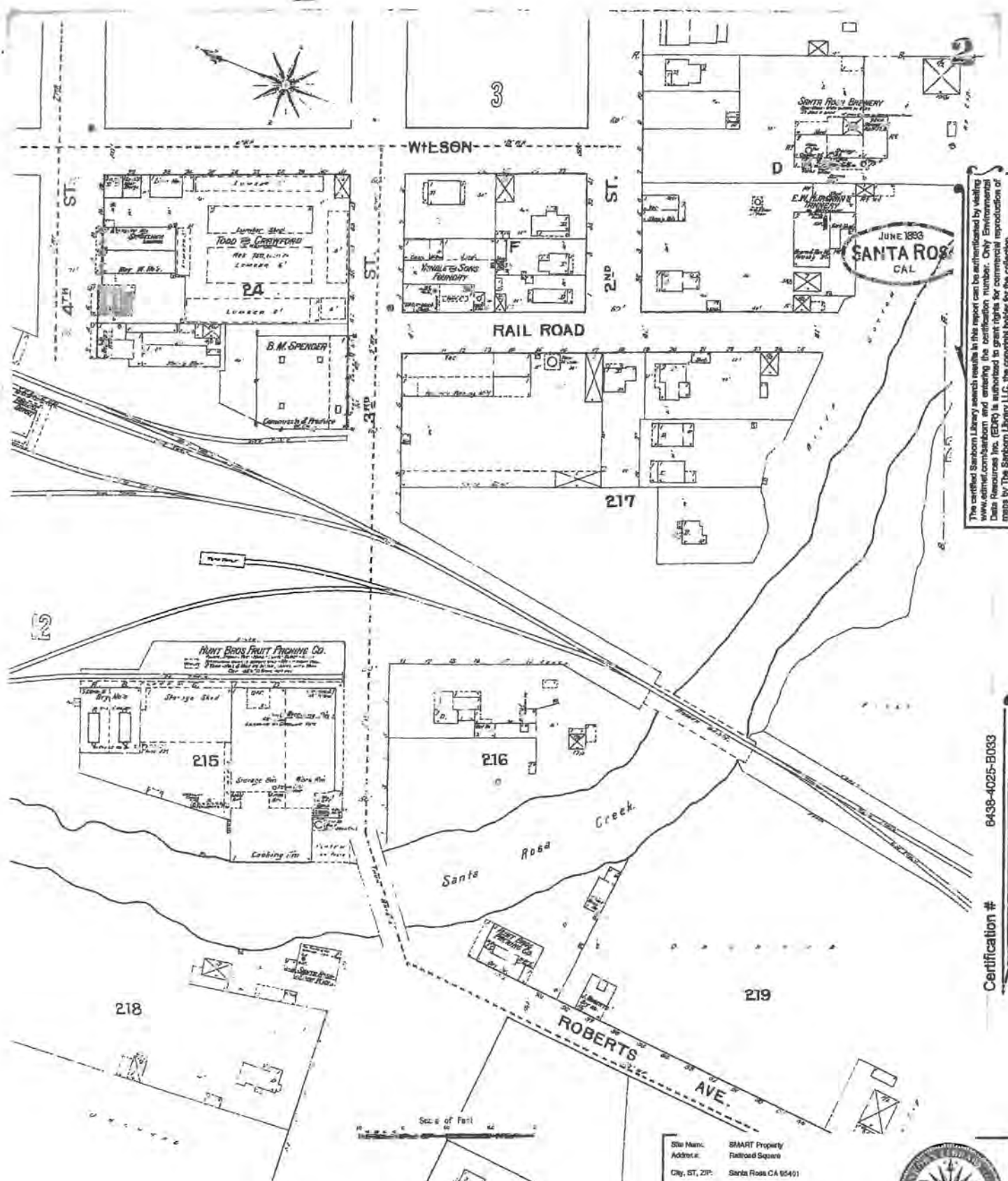
6438-4025-B033

Certification #

Site Name: SMART Property
Address: Railroad Square
City, ST, ZIP: Santa Rosa CA 95401
Client: EBA Engineering
EDR Inquiry: 01/26/2010
Order Date: 1/25/2000 9:45:11 AM
Certification #: 6438-4025-B033

Copyright: 1994





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6438-4025-B033

Certification #

Site Name: SMART Property
Address: Railroad Square
City, ST, ZIP: Santa Rosa CA 95401
Client: EDA Engineering
EDR Inquiry: 213470.15
Order Date: 11/29/2006 9:48:11 AM
Certification # 6438-4025-B033

Copyright: 1893



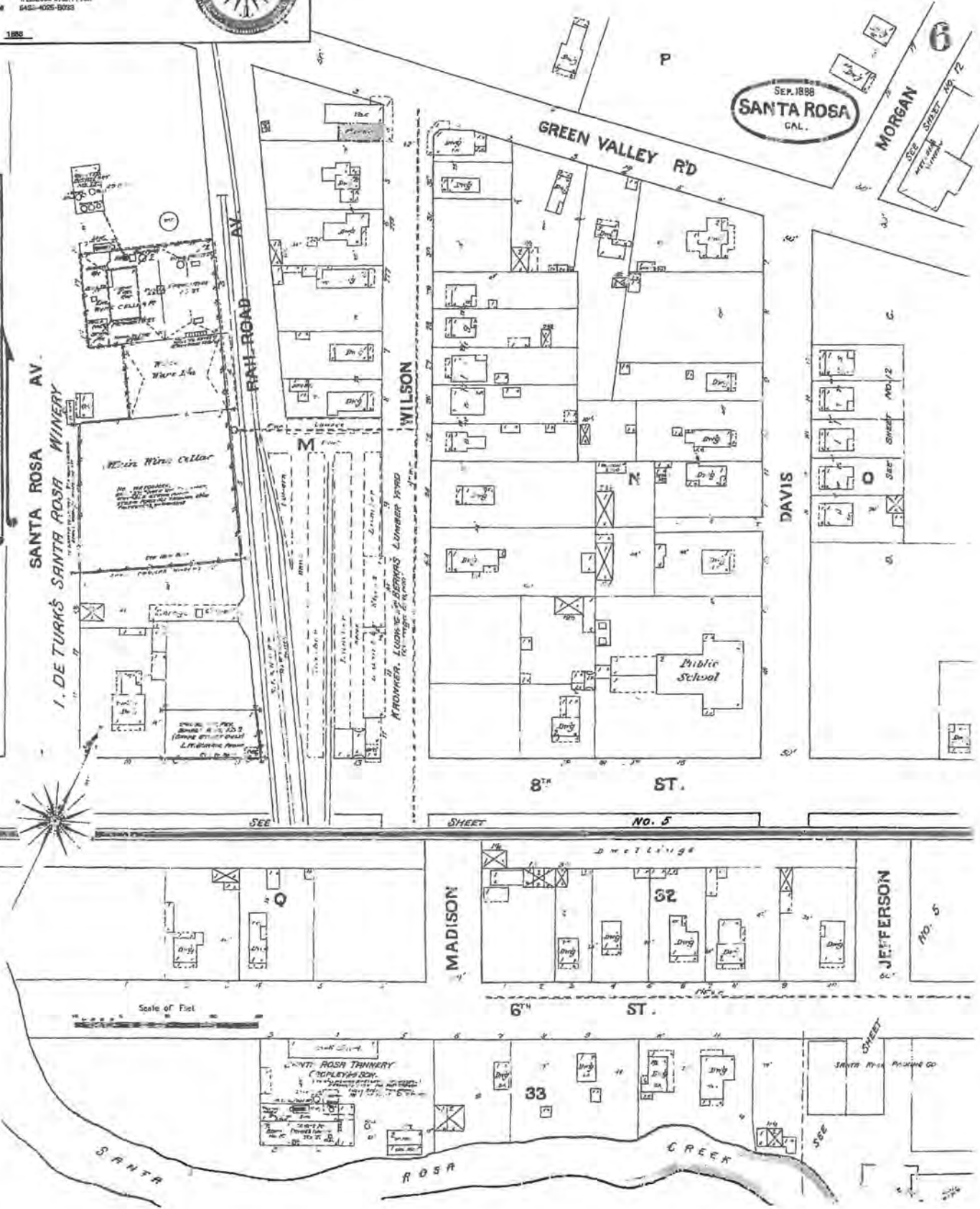
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 Address: Railroad Square
 City, ST, ZIP: Santa Rosa CA 95401
 Client: EBA Engineering
 EDR Inquiry: 2125470, 15
 Order Date: 1/22/2008 9:45:11 AM
 Verification # 6438-4025-9093



Scale: 1"=80'

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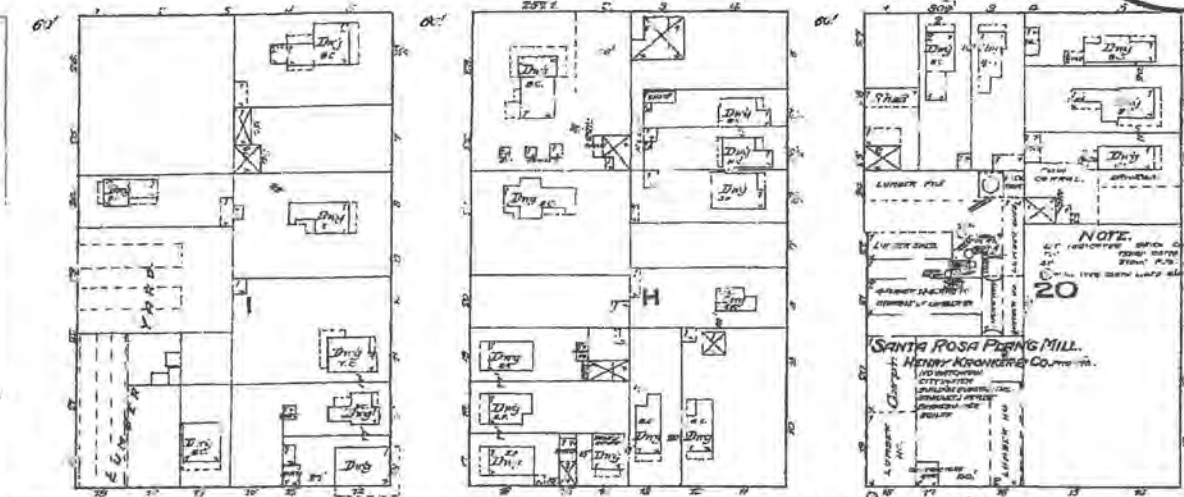
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Dec. 1885
SANTAROSA
CAL

DAVIS

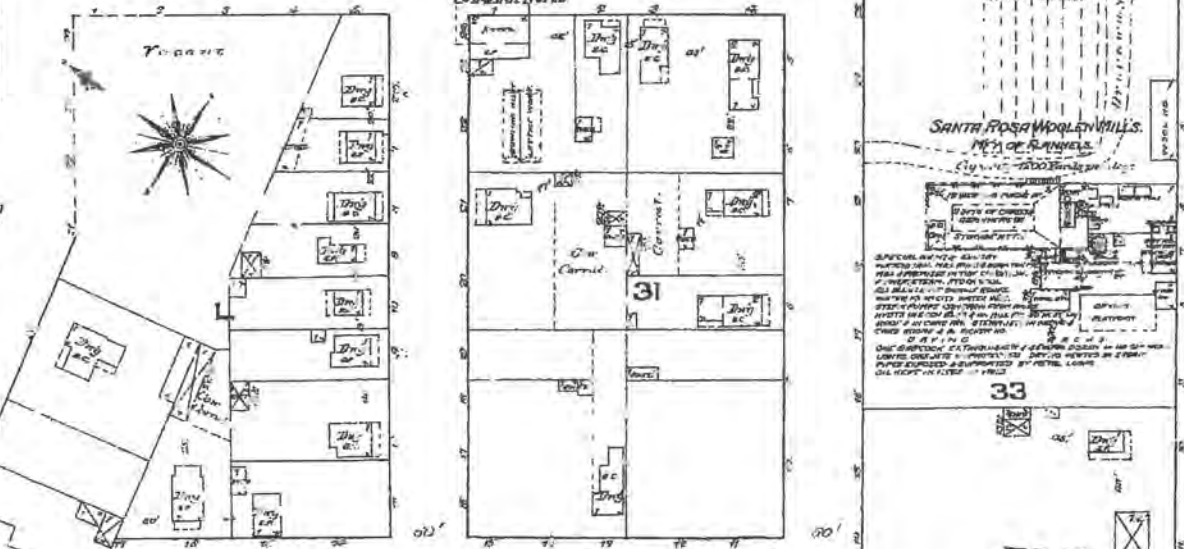


WILSON

SANTA ROSA ROLLER FLOURING MILL.
J. MATHER & CO. PROP. 147 1/2 OF FLOUR FEED.



ADAMS



JEFFERSON

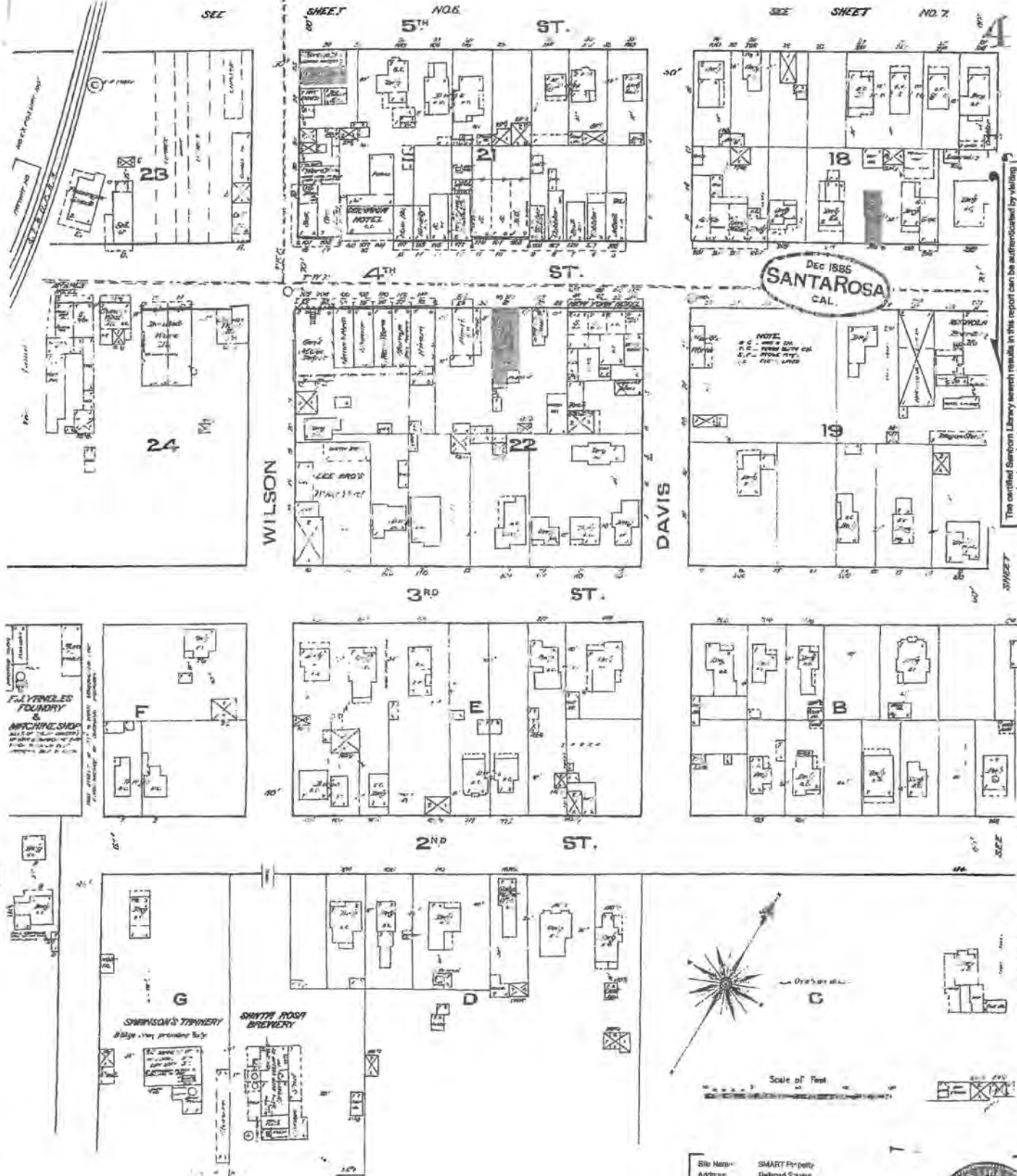


Certification # 8P2B-4A75-9181

Name: SMART Property
Rained Square
City, ST, ZIP: Santa Rosa CA 95401
Client: EDA Engineering
EDR Inquiry: 211247-35
Order Date: 1/7/2009 10:19:50 AM
Co. Edition #: 8P2B-4A75-9181



Copyright: 1985



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6438-4025-B033

Certification #

Site Name: SMART Property
 Address: Railroad Square
 City, ST, ZIP: San Jose, CA 95101
 Client: EDA Engineering
 EDR Inquiry: 1-202000 947-11 AM
 Order Date: 6/28/2008
 Certificate # 6438-4025-B033

Copyright: 1885



APPENDIX D

HISTORIC MAPS AND PHOTOS



Historic Photo – Santa Rosa Station circa 1928

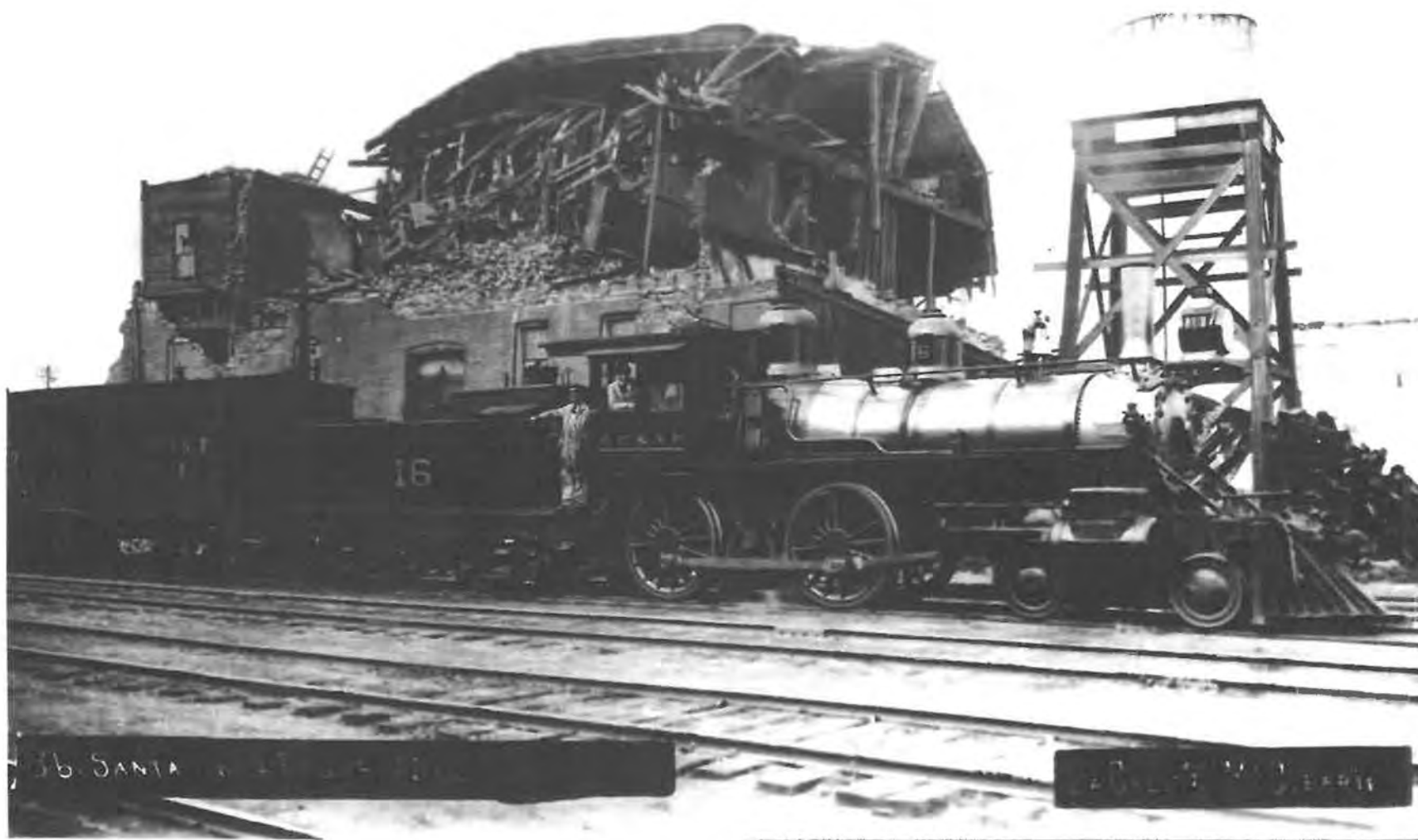
Photo Source: Ted Wurm Collection
Northwestern Pacific Railroad Historical Society



Historic Photo – Santa Rosa Station circa 1941

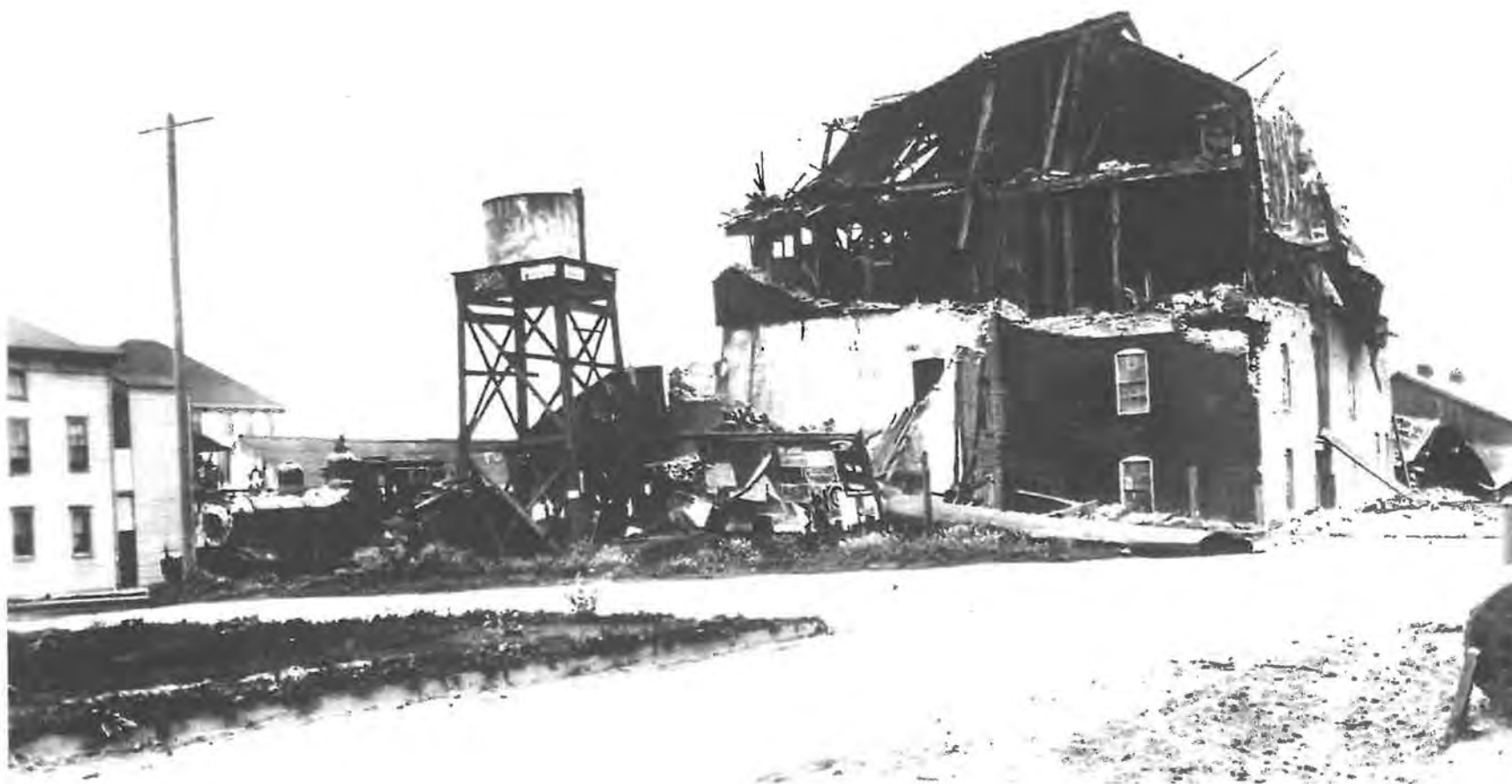
Photo Source: Craig Hoefer Collection

Northwestern Pacific Railroad Historical Society



Historic Photo – Santa Rosa Woolen Mills
After 1906 Earthquake - April 1906

Photo Source: Craig Hoefer Collection
Northwestern Pacific Railroad Historical Society



Historic Photo – Santa Rosa Woolen Mills After Earthquake - April 1906

Photo Source: Craig Hoefer Collection
Northwestern Pacific Railroad Historical Society



Historic Photo – Santa Rosa Station circa 1940

Photo Source: Fred Stindt Collection
Northwestern Pacific Railroad Historical Society



Historic Photo – Santa Rosa Station

Photo Source: Dan & Jim Haugh Collection
Northwestern Pacific Railroad Historical Society



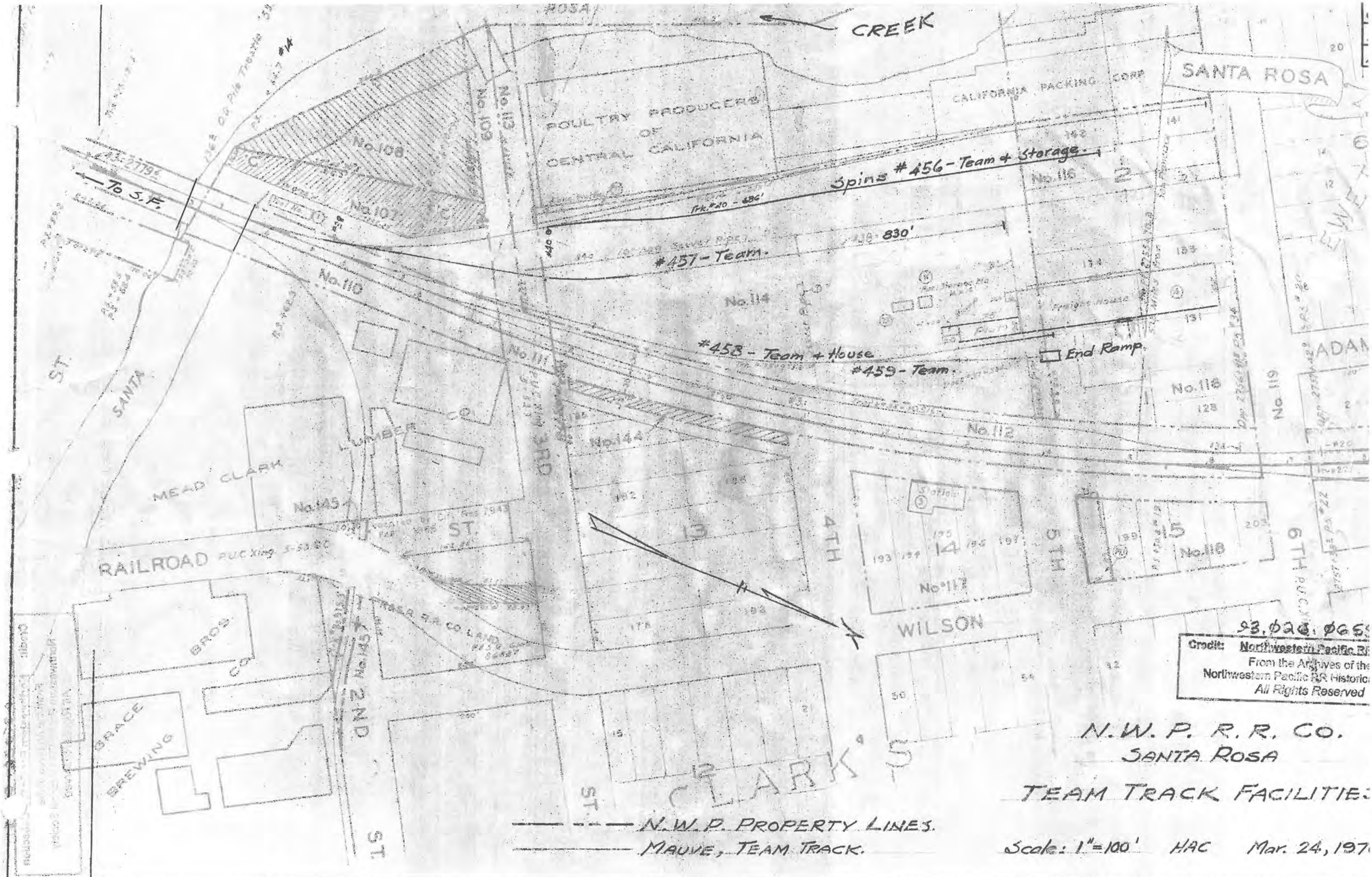
Historic Photo – Santa Rosa Station

Photo Source: Dan & Jim Haugh Collection
Northwestern Pacific Railroad Historical Society



Historic Photo – Santa Rosa Station

Photo Source: Dan & Jim Haugh Collection
Northwestern Pacific Railroad Historical Society



CREEK

SANTA ROSA

POULTRY PRODUCERS
OF
CENTRAL CALIFORNIA

CALIFORNIA PACKING CORP

Spins #456-Team + Storage.

#457-Team.

#458-Team + House

#459-Team.

End Ramp.

MEAD CLARK

RAILROAD

WILSON

N.W. P. R. R. CO.
SANTA ROSA

TEAM TRACK FACILITIES

N.W.P. PROPERTY LINES.
MAUVE, TEAM TRACK.

Scale: 1"=100' HAC Mar. 24, 1970

APPENDIX E
TITLE REPORT

Placer Title Company

SONOMA-MARIN AREA RAIL TRANSIT DISTRICT

March 04, 2008

Order No.: 1415-9267
Reference: SANTA ROSA

Property Address:

NO SITUS ADDRESS , SANTA ROSA

Thank you for letting us be of service to you. Enclosed are the reports requested on the above referenced property. If you have any questions concerning this report, please contact the office shown on the first page of the report.

Special Projects, 330 Hartnell Avenue, Ste. A, Redding, CA 96002 - (530) 244-2122 Fax (530) 244-1009

Placer Title Company
CUSTOMER DISTRIBUTION

Date: 03-04-2008

Order Number: 1415-9267
Cust. Ref.: SANTA ROSA

Property Address:
NO SITUS ADDRESS , SANTA ROSA

JACOBS CHASE FRICK KLEINKOPF & KELLY LLC
1050 SEVENTEENTH STREET, STE 150
DENVER CO 80265
Attn: JENNIFER HAYNES
Phone: 303-389-4676
Fax: 303-685-4869
EMail: jhaynes@jcfkk.com

JACOBS CHASE FRICK KLEINKOPF & KELLEY LLC
TO FOLLOW
,
Attn: NO BODY YET

UNION PACIFIC

SONOMA-MARIN AREA RAIL TRANSIT DISTRICT

PLACER TITLE COMPANY
SPECIAL PROJECTS
330 HARTNELL AVENUE, STE. A
REDDING, CA 96002
Attn: Janet Baker
Phone: 530-244-2122
Fax: 530-244-1009
Copies: 1

Placer Title Company

Preliminary Report

Issued By:

Order No. 1415-9267

**PLACER TITLE COMPANY
SPECIAL PROJECTS
330 HARTNELL AVENUE, STE. A
REDDING, CA 96002
Escrow Officer: Janet Baker
Phone: 530-244-2122
Fax: 530-244-1009
Escrow Officer Email: jbaker@placertitle.com
Email Loan Docs To: N/A**

Customer Reference: SANTA ROSA

Property Address: NO SITUS ADDRESS , SANTA ROSA

In response to the above referenced application for a policy of title insurance, Placer Title Company hereby reports that it is prepared to issue, or cause to be issued, through one of its authorized underwriters, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.

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

PLEASE READ THE EXCEPTIONS SHOWN OR REFERRED TO BELOW AND THE EXCEPTIONS AND EXCLUSIONS SET FORTH IN THE ATTACHED CAREFULLY. THE EXCEPTIONS AND EXCLUSIONS ARE MEANT TO PROVIDE YOU WITH NOTICE OF MATTERS WHICH ARE NOT COVERED UNDER THE TERMS OF TITLE INSURANCE POLICY AND SHOULD BE CAREFULLY CONSIDERED.

IT IS IMPORTANT TO NOTE THAT THIS PRELIMINARY REPORT IS NOT A WRITTEN REPRESENTATION AS TO THE CONDITION OF TITLE AND MAY NOT LIST ALL LIENS, DEFECTS AND ENCUMBRANCES AFFECTING TITLE TO THE LAND.

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

Dated as of June 27, 2007 at 7:30 a.m.

Title Officer: Scott Stanford

Order No. 1415-9267

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

CLTA Standard Coverage Policy
CLTA Standard Coverage Policy

The estate or interest in the land hereinafter described or referred to covered by this Report is:

A FEE SIMPLE

Title to said estate or interest at the date hereof is vested in:

UNION PACIFIC RAILROAD COMPANY, A DELAWARE CORPORATION, FORMERLY KNOWN AS
SOUTHERN PACIFIC TRANSPORTATION COMPANY, A CORPORATION, SUCCESSOR IN INTEREST
BY MESNE CERTIFICATES OF MERGER WITH NORTHWESTERN PACIFIC RAILROAD COMPANY, A
CORPORATION AND THE SAN FRANCISCO AND NORTH PACIFIC RAILROAD COMPANY, A
CORPORATION

The land referred to herein is described as follows:

SEE EXHIBIT "A" ATTACHED

EXHIBIT "A"
LEGAL DESCRIPTION

THE LAND DESCRIBED HEREIN IS SITUATED IN THE STATE OF CALIFORNIA, COUNTY OF SONOMA, CITY OF SANTA ROSA, AND IS DESCRIBED AS FOLLOWS:

PARCEL ONE: (V-2-8 #116)

THE WESTERLY 125 FEET, MEASURED FROM THE WESTERLY LINE OF THE LAND DESCRIBED IN DEED DATED OCTOBER 4, 1915 FROM SANTA ROSA WOOLEN MILLS TO NORTHWESTERN PACIFIC RAILROAD COMPANY, RECORDED NOVEMBER 12, 1915, DEED BOOK 338, PAGE 66, RECORDS OF SAID COUNTY.

APN: PORTION 10-166-03

PARCEL TWO: (V-2-8 #110)

THAT PORTION OF THE LAND DESCRIBED SEVENTH IN DEED DATED APRIL 28, 1871 FROM P. DONAHUE TO SAN FRANCISCO AND NORTH PACIFIC RAILROAD COMPANY, RECORDED NOVEMBER 10, 1871, BOOK 36 OF DEEDS, PAGE 8, RECORDS OF SAID COUNTY, LYING SOUTHWESTERLY OF A LINE DISTANT 315 FEET SOUTHWESTERLY, PARALLEL WITH THE SOUTHWESTERLY LINE OF WILSON STREET AND NORTHEASTERLY OF THE NORTHEASTERLY LINE OF LAND DESCRIBED IN DEED DATED JUNE 30, 1916 FROM NORTHWESTERN PACIFIC RAILROAD TO CALIFORNIA FRUIT GROWERS ASSOCIATION, RECORDED JULY 12, 1916, DEED BOOK 343, PAGE 70, RECORDS OF SAID COUNTY.

APNS: PORTION 10-175-20; PORTION 10-171-17

EXCEPTIONS

At the date hereof exceptions to coverage in addition to the printed Exceptions and Exclusions in said policy form would be as follows:

1. ANY TAXES DUE THE CALIFORNIA STATE BOARD OF EQUALIZATION AND THE COUNTY OF SONOMA.
2. THE LIEN OF SUPPLEMENTAL TAXES, IF ANY, ASSESSED PURSUANT TO THE PROVISION OF CHAPTER 3.5 (COMMENCING WITH SECTION 75) OF THE REVENUE AND TAXATION CODES OF THE STATE OF CALIFORNIA.
3. RIGHTS OF THE PUBLIC AS TO SUCH PORTIONS OF SAID LAND LYING WITHIN ANY PUBLIC STREETS, ROADS OR HIGHWAYS.
4. ANY EASEMENTS OR CLAIM OF EASEMENT BASED ON PRESCRIPTION BY OR IMPLIED DEDICATION TO THE PUBLIC OVER SAID LAND OR ANY PARTS THEREOF FOR ACCESS TO SUCH STREAMS, CREEKS, RIVERS AND SLOUGHS AS MAY EXIST UPON, THROUGH OR ADJACENT TO SAID LAND.
5. RIGHTS AND EASEMENTS FOR COMMERCE, NAVIGATION, FISHERY, HUNTING, BATHING, SWIMMING AND PRESERVING IN THEIR NATURAL STATES THOSE PARTS OF THE LAND WHICH MAY LIE BELOW THE ORDINARY HIGH WATER MARKS OF SUCH STREAMS, CREEKS, RIVERS AND SLOUGHS AS MAY EXIST UPON, THROUGH OR ADJACENT TO SAID LAND.
6. ANY ADVERSE CLAIMS BASED UPON THE ASSERTION THAT SAID LAND OR ANY PART THEREOF IS NOW OR AT ANY TIME HAS BEEN INCLUDED WITHIN A NAVIGABLE RIVER, SLOUGH OR OTHER NAVIGABLE BODY OF WATER.
7. ANY ADVERSE CLAIM BASED UPON THE ASSERTION THAT:
 - A. SOME PORTION OF SAID LAND HAS BEEN CREATED BY ARTIFICIAL MEANS, OR HAS ACCRETED TO SUCH PORTION SO CREATED.
 - B. SOME PORTION OF SAID LAND HAS BEEN BROUGHT WITHIN THE BOUNDARIES THEREOF BY AN AVULSIVE MOVEMENT OF SANTA ROSA CREEK, OR HAS BEEN FORMED BY ACCRETION TO ANY SUCH PORTION.
8. THE TERMS, CONDITIONS AND PROVISIONS AS CONTAINED IN THE INSTRUMENT ENTITLED "DEED", BY AND BETWEEN JOHN F. BOYCE, ET AL, TO PETER DONAHUE, RECORDED FEBRUARY 25, 1871, IN BOOK 33 OF DEEDS, AT PAGE 49, SONOMA COUNTY RECORDS.
9. AN EASEMENT FOR WIDENING THIRD STREET AND INCIDENTAL RIGHTS THERETO, AS CONVEYED TO THE CITY OF SANTA ROSA BY DEED DATED MARCH 15, 1967.

EXCEPTIONS
(Continued)

10. AN EASEMENT OVER SAID LAND FOR CONSTRUCTION, MAINTENANCE AND OPERATION OF SANITARY SEWER PIPES AND INCIDENTAL PURPOSES, AS GRANTED TO THE CITY OF SANTA ROSA, IN DEED RECORDED NOVEMBER 7, 1960, IN BOOK 1792, AT PAGE 804, SONOMA COUNTY RECORDS.

THE EXACT LOCATION AND EXTENT OF SAID EASEMENT IS NOT DISCLOSED OF RECORD

NO REPRESENTATION IS MADE AS TO THE CURRENT OWNERSHIP OF SAID EASEMENT.

11. AN EASEMENT OVER SAID LAND FOR CONSTRUCTION, MAINTENANCE AND OPERATION OF A CHANNEL TO PROVIDE FOR THE IMPROVED CONTROL OF DRAINAGE WATERS AND INCIDENTAL PURPOSES, AS GRANTED TO SONOMA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, IN DEED RECORDED JUNE 26, 1970, IN BOOK 2469, AT PAGE 16, SONOMA COUNTY RECORDS.

THE EXACT LOCATION AND EXTENT OF SAID EASEMENT IS NOT DISCLOSED OF RECORD.

NO REPRESENTATION IS MADE AS TO THE CURRENT OWNERSHIP OF SAID EASEMENT.

12. THE PROVISIONS AND REQUIREMENTS OF CHAPTER 17-22 OF THE SANTA ROSA CITY CODE, AS IMPOSED BY NOTICE DESIGNATION OF THE RAILROAD SQUARE PRESERVATION DISTRICT BY THE CULTURAL HERITAGE BOARD OF THE CITY OF SANTA ROSA, RECORDED JANUARY 16, 1991, AS INSTRUMENT NO. 1994-0004220, SONOMA COUNTY RECORDS.

13. THE TERMS, CONDITIONS AND PROVISIONS AS CONTAINED IN THE INSTRUMENT ENTITLED "SURFACE EASEMENT AGREEMENT (SANTA ROSA PARCEL)", BY AND BETWEEN SOUTHERN PACIFIC TRANSPORTATION COMPANY, A DELAWARE CORPORATION, AND NORTHWESTERN PACIFIC RAILROAD AUTHORITY, A CALIFORNIA JOINT POWERS AGENCY, RECORDED APRIL 30, 1996, AS INSTRUMENT NO. 1996-0038415, OFFICIAL RECORDS OF SONOMA COUNTY.

A QUITCLAIM DEED THEREUNDER, BY AND BETWEEN NORTHWESTERN PACIFIC RAILROAD AUTHORITY, A JOINT POWERS AUTHORITY TO SONOMA-MARIN AREA RAIL TRANSIT DISTRICT, A PUBLIC AGENCY, RECORDED MARCH 2, 2004 AS INSTRUMENT NO. 2004-028629, OFFICIAL RECORDS OF SONOMA COUNTY.

14. THE EFFECT OF A QUITCLAIM DEED RECORDED AUGUST 13, 1997, AS DOCUMENT NO. 1997-0070383 AND RE-RECORDED SEPTEMBER 8, 1997, AS INSTRUMENT NO. 1997-0078874, FROM LARK & BINGHAM INVESTMENTS INCORPORATED AREA, A CALIFORNIA CORPORATION, WILLIAM BIELSER, AN INDIVIDUAL, ASHLEY BIELSER, AN INDIVIDUAL, AUDREY BIELSER, AN INDIVIDUAL, AND CHRISTOPHER BIELSER,

EXCEPTIONS
(Continued)

AN INDIVIDUAL, TO NORTHWESTERN PACIFIC RAILROAD AUTHORITY, A JOINT POWERS AGENCY.

WHEREIN SAID GRANTORS DID NOT APPEAR TO HAVE ANY INTEREST OF RECORD. INQUIRY AS TO THE NATURE OF THIS INSTRUMENT MUST BE ADDRESSED PRIOR TO THE CLOSE OF ESCROW.

15. ANY UNRECORDED LEASES OR SUBLEASES AFFECTING THE HEREIN DESCRIBED PROPERTY.
16. THE INTEREST OF SONOMA MARIN AREA RAIL TRANSIT DISTRICT AND THE AFFECT OF ALL DOCUMENTS RECORDED AFFECTING PARCEL 61 AS DESCRIBED IN INSTRUMENT RECORDED APRIL 30, 1996, INSTRUMENT NO. 1996-0038413 OFFICIAL RECORDS OF SONOMA COUNTY.

THE ABOVE DESCRIBED INTEREST AND EXCEPTIONS WILL AFFECT THIS PROPERTY IF THE LEGAL DESCRIPTION DESCRIBED IN THIS REPORT AS PARCEL TWO, IS INCLUDED WITHIN ANY PORTION PREVIOUSLY GRANTED IN SAID INSTRUMENT.

SAID POSSIBILITY IS DUE TO THE DISCREPANCIES AND INEXACT DESCRIPTION FOR PARCEL TWO

LENDER'S NOTE:

APPROVAL FOR THE ISSUANCE OF THE 1970 ALTA LENDER'S POLICY FORM MUST BE REQUESTED AND APPROVED PRIOR TO CLOSE OF ESCROW. ALL OTHER FORMS OF FULL COVERAGE LOAN POLICIES THAT ARE AUTHORIZED TO BE ISSUED ARE THE 1992 AND 2006 POLICIES.

BUYER'S NOTE:

If an ALTA Residential Owner's Policy is requested and if the property described herein is determined to be eligible for this policy, the following Exceptions From Coverage will appear in the policy:

1. Taxes or assessments which are not shown as liens by the public records or by the records of any taxing authority.
2. (a) Water rights, claims or title to water; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) unpatented mining claims; whether or not the matters excepted under (a), (b) or (c) are shown by the public records.
3. Any rights, interests or claims of parties in possession of the land which are not shown by the public records.
4. Any easements or liens not shown by the public records. This exception does not limit the lien coverage in Item 8 of the Covered Title Risks.
5. Any facts about the land which a correct survey would disclose and which are not shown by the public records. This exception does not limit the forced removal coverage in Item 12 of the Covered Title Risks.

CLTA PRELIMINARY REPORT FORM
LIST OF PRINTED EXCEPTIONS AND EXCLUSIONS
(Revised 06/17/06)

CALIFORNIA LAND TITLE ASSOCIATION STANDARD COVERAGE POLICY - 1990
EXCLUSIONS FROM COVERAGE

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

1. (a) Any law, ordinance or governmental regulation (including but not limited to building or zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien, or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
 - (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
 - (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
 - (c) resulting in no loss or damage to the insured claimant;
 - (d) attaching or created subsequent to Date of Policy; or
 - (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable doing business laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate of interest insured by this policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

EXCEPTIONS FROM COVERAGE
SCHEDULE B, PART I

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

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.

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

CLTA HOMEOWNER'S POLICY OF TITLE INSURANCE (10-22-03)
ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE
EXCLUSIONS

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

1. Governmental police power, and the existence or violation of any law or government regulation. This includes ordinances, laws and regulations concerning: a. building; b. zoning; c. Land use; d. improvements on the Land; e. Land division; f. environmental protection
This Exclusion does not apply to violations or the enforcement of these matters if notice of the violation or enforcement appears in the Public Records at the Policy Date.
This Exclusion does not limit the coverage described in Covered Risk 14, 15, 16, 17 or 24.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not apply to violations of building codes if notice of the violation appears in the Public Records at the Policy Date.
3. The right to take the Land by condemning it, unless: a. a notice of exercising the right appears in the Public Records at the Policy Date; or b. the taking happened before the Policy Date and is binding on You if You bought the Land without Knowing of the taking.
4. Risks: a. that are created, allowed, or agreed to by You, whether or not they appear in the Public Records; b. that are Known to You at the Policy Date, but not to Us, unless they appear in the Public Records at the Policy Date; c. that result in no loss to You; or d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.d, 22, 23, 24 or 25.
5. Failure to pay value for Your Title.
6. Lack of a right: a. to any Land outside the area specifically described and referred to in paragraph 3 of Schedule A; and b. in streets, alleys, or waterways that touch the Land. This Exclusion does not limit the coverage described in Covered Risk 11 or 18.

LIMITATIONS ON COVERED RISKS

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

- * For Covered Risk 14, 15, 16 and 18, Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

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

	Your Deductible Amount	Our Maximum Dollar Limit of Liability
Covered Risk 14:	1% of Policy Amount or \$2,500.00 (whichever is less)	\$ 10,000.00
Covered Risk 15:	1% of Policy Amount or \$5,000.00 (whichever is less)	\$ 25,000.00
Covered Risk 16:	1% of Policy Amount or \$5,000.00 (whichever is less)	\$ 25,000.00
Covered Risk 18:	1% of Policy Amount or \$2,500.00 (whichever is less)	\$ 5,000.00

**AMERICAN LAND TITLE ASSOCIATION
RESIDENTIAL TITLE INSURANCE POLICY (6-1-87)
EXCLUSIONS**

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

1. Governmental police power, and the existence or violation of any law or government regulation. This includes building and zoning ordinances and also laws and regulations concerning:
* Land use * Improvements on the land * Land division * Environmental protection
This exclusion does not apply to violations or the enforcement of these matters which appear in the public records at Policy Date.
This exclusion does not limit the zoning coverage described in Items 12 and 13 of Covered Title Risks.
2. The right to take the land by condemning it, unless:
* a notice of exercising the right appears in the public records
* on the Policy Date
* the taking happened prior to the Policy Date and is binding on you if you bought the land without knowing of the taking
3. Title Risks:
* that are created, allowed, or agreed to by you
* that are known to you, but not to us, on the Policy Date -- unless they appeared in the public records
* that result in no loss to you
* that first affect your title after the Policy Date -- this does not limit the labor and material lien coverage in Item 8 of Covered Title Risks
4. Failure to pay value for your title.
5. Lack of a right:
* to any land outside the area specifically described and referred to in Item 3 of Schedule A
OR
* in streets, alleys, or waterways that touch your land

This exclusion does not limit the access coverage in Item 5 of Covered Title Risks.

**AMERICAN LAND TITLE ASSOCIATION LOAN POLICY (10-17-92)
WITH ALTA ENDORSEMENT - FORM 1 COVERAGE
EXCLUSIONS FROM COVERAGE**

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

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
(a) created, suffered, assumed or agreed to by the insured claimant;
(b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
(c) resulting in no loss or damage to the insured claimant;

(d) attaching or created subsequent to Date of Policy (except to the extent that this policy insures the priority of the lien of the insured mortgage over any statutory lien for services, labor or material or to the extent insurance is afforded herein as to assessments for street improvements under construction or completed at Date of Policy); or
(e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage.

4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with applicable doing business laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any statutory lien for services, labor or materials (or the claim of priority of any statutory lien for services, labor or materials over the lien of the insured mortgage) arising from an improvement or work related to the land which is contracted for and commenced subsequent to Date of Policy and is not financed in whole or in part by proceeds of the indebtedness secured by the insured mortgage which at Date of Policy the insured has advanced or is obligated to advance.
7. Any claim, which arises out of the transaction creating the interest of the mortgagee insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
 - (i) the transaction creating the interest of the insured mortgagee being deemed a fraudulent conveyance or fraudulent transfer; or
 - (ii) the subordination of the interest of the insured mortgagee as a result of the application of the doctrine or equitable subordination; or
 - (iii) the transaction creating the interest of the insured mortgagee being deemed a preferential transfer except where the preferential transfer results from the failure:
 - (a) to timely record the instrument of transfer; or
 - (b) of such recordation to impart notice to a purchaser for value or a judgement or lien creditor.

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

EXCEPTIONS FROM COVERAGE

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

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the public records.

2006 ALTA LOAN POLICY (06/17/06) EXCLUSIONS FROM COVERAGE

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

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
 - (i) the occupancy, use, or enjoyment of the Land;
 - (ii) the character, dimensions, or location of any improvement erected on the Land;

- (iii) the subdivision of land; or
- (iv) environmental protection;

or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.

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

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

EXCEPTIONS FROM COVERAGE

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

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

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

AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY (10/17/92)

EXCLUSIONS FROM COVERAGE

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

from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.

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

2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
 - (a) created, suffered, assumed or agreed to by the insured claimant;
 - (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
 - (c) resulting in no loss or damage to the insured claimant;
 - (d) attaching or created subsequent to Date of Policy; or
 - (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.
4. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
 - (i) the transaction creating the estate or interest insured by this policy being deemed a fraudulent conveyance or fraudulent transfer; or
 - (ii) the transaction creating the estate or interest insured by this policy being deemed a preferential transfer except where the preferential transfer results from the failure:
 - (a) to timely record the instrument of transfer; or
 - (b) of such recordation to impart notice to a purchaser for value or a judgement or lien creditor.

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

EXCEPTIONS FROM COVERAGE

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

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the public records.

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

EXCLUSIONS FROM COVERAGE

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

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
 - (i) the occupancy, use, or enjoyment of the Land;
 - (ii) the character, dimensions, or location of any improvement erected on the Land;
 - (iii) the subdivision of land; or
 - (iv) environmental protection;or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
- (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6

2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters
 - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
 - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
 - (c) resulting in no loss or damage to the Insured Claimant;
 - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 and 10); or
 - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
 - (a) a fraudulent conveyance or fraudulent transfer; or
 - (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

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

EXCEPTIONS FROM COVERAGE

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

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

ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (10/13/01) EXCLUSIONS FROM COVERAGE

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

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the Land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the Land; (iii) a separation in ownership or a change in the dimensions or areas of the Land or any parcel of which the Land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the Land has been recorded in the Public Records at Date of Policy. This exclusion does not limit the coverage provided under Covered Risks 12, 13, 14, and 16 of this policy.
- (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the Land has been recorded in the Public Records at Date of Policy. This exclusion does not limit the coverage provided under Covered Risks 12, 13, 14, and 16 of this policy.

2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the Public Records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without Knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
 - (a) created, suffered, assumed or agreed to by the Insured Claimant;
 - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
 - (c) resulting in no loss or damage to the Insured Claimant;
 - (d) attaching or created subsequent to Date of Policy (this paragraph does not limit the coverage provided under Covered Risks 8, 16, 18, 19, 20, 21, 22, 23, 24, 25 and 26); or
 - (e) resulting in loss or damage which would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of the Insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with applicable doing business laws of the state in which the Land is situated.
5. Invalidity or unenforceability of the lien of the Insured Mortgage, or claim thereof, which arises out of the transaction evidenced by the Insured Mortgage and is based upon usury, except as provided in Covered Risk 27, or any consumer credit protection or truth in lending law.
6. Real property taxes or assessments of any governmental authority which become a lien on the Land subsequent to Date of Policy. This exclusion does not limit the coverage provided under Covered Risks 7, 8(e) and 26.
7. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This exclusion does not limit the coverage provided in Covered Risk 8.
8. Lack of priority of the lien of the Insured Mortgage as to each and every advance made after Date of Policy, and all interest charged thereon, over liens, encumbrances and other matters affecting the title, the existence of which are Known to the Insured at:
 - (a) The time of the advance; or
 - (b) The time a modification is made to the terms of the Insured Mortgage which changes the rate of interest charged, if the rate of interest is greater as a result of the modification than it would have been before the modification. This exclusion does not limit the coverage provided in Covered Risk 8.
9. The failure of the residential structure, or any portion thereof to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This exclusion does not apply to violations of building codes if notice of the violation appears in the Public Records at Date of Policy.

**NOTICE
FEDERAL FOREIGN INVESTMENT IN REAL PROPERTY TAX ACT OF 1980 (FIRPTA)**

Upon the sale of United States real property, by a non-resident alien, foreign corporation, partnership or trust, the Foreign Investment in Real Property Tax Act of 1980 (FIRPTA), and as revised by the Tax Reform Act of 1984 (26 USCA 897 (C)(1)(A)(1) and 26 USCA 1445) requires the transferee (Buyer) of real property to withhold Internal Revenue Service income taxes in an amount equal to ten (10%) percent of the sale price from seller's proceeds, if ANY of the following conditions are met:

- (1) The selling price is greater than \$300,000.00
- (2) The selling price is less than \$300,000 AND the purchaser does not intend to occupy the property as his residence for at least 50% of the time of the first two 12 month periods following the date of transfer.

Withholding is not required if both of the following conditions are met:

- (1) The selling price is less than \$300,000
and
- (2) The Buyer is acquiring the property as his residence, and the buyer or other qualifying family member will occupy the property for at least 50% of the time during each of the first 12-month periods following transfer of title to the buyer.

If the purchaser who is required to withhold income tax from the seller fails to do so, the purchaser is subject to fines and penalties as provided under Internal Revenue Code Section 1445. The seller may request a waiver or a reduced withholding amount by submitting a written request for a "qualifying statement" or "withholding certificate" (Form 8288-B) to:

Director, Internal Revenue Service
Philadelphia Service Center
P.O. Box 21086
Philadelphia, PA 19114-0586

Escrow Holder will, upon written instructions from the purchaser, withhold Federal Income Tax from the seller and will deposit said tax with the Internal Revenue Service, together with IRS Forms 8288 and 8288-A. The fee charged for this service is \$25.00 payable to the escrow holder.

CALIFORNIA WITHHOLDING

In accordance with Sections 18662 and 18668 of the Revenue and Taxation Code, a transferee (Buyer) may be required to withhold an amount equal to 3 1/3 percent of the sales price or an alternative withholding amount certified to by the seller in the case of a disposition of California real property interest by either:

1. A seller who is an individual or when the disbursement instructions authorize the proceeds to be sent to a financial intermediary or the seller, OR
2. A corporate seller that has no permanent place of business in California.

The buyer may become subject to penalty for failure to withhold an amount equal to the greater of 10 percent of the amount required to be withheld or five hundred dollars (\$500).

However, notwithstanding any other provision included in the California statutes referenced above, no buyer will be required to withhold any amount or be subject to penalty for failure to withhold if:

1. The sales price of the California real property conveyed does not exceed one hundred thousand dollars (\$100,000.00), OR
2. The seller executes a written certificate, under the penalty of perjury, of any of the following:
 - A. The property qualifies as the seller's (or decedent's, if being sold by the decedent's estate) principal residence within the meaning of Internal Revenue Code (IRC) Section 121; or
 - B. The seller is (or decedent, if being sold by the decedent's estate) last used the property as the seller's (decedent's) principal residence within the meaning of IRC Section 121 without regard to the two-year time period; or
 - C. The seller has a loss or zero gain for California income tax purposes on this sale; or
 - D. The property is being compulsorily or involuntarily converted and the seller intends to acquire property that is similar or related in service or use to qualify for non-recognition of gain for California income tax purposes under IRC Section 1033; or
 - E. If the transfer qualifies for non-recognition treatment under IRC Section 351 (transfer to a corporation controlled by the transferor) or IRC Section 721 (contribution to a partnership in exchange for a partnership interest); or
 - F. The seller is a corporation (or an LLC classified as a corporation for federal and California income tax purposes that is either qualified through the California Secretary of State or has a permanent place of Business in California; or
 - G. The seller is a partnership (or an LLC that is not a disregarded single member LLC and is classified as a partnership for federal and California income tax purposes) with recorded title to the property in the name of the partnership of LLC; or
 - H. The seller is a tax-exempt entity under either California or federal law; or
 - I. The seller is an insurance company, individual retirement account, qualified pension/profit sharing plan, or charitable remainder trust; or
 - J. The transfer qualifies as a simultaneous like-kind exchange within the meaning of IRC Section 1031; or
 - K. The transfer qualifies as a deferred like-kind exchange within the meaning of IRC Section 1031; or
 - L. The transfer of this property will be an installment sale that you will report as such for California tax purposes and the buyer has agreed to withhold on each principal payment instead of withholding the full amount at the time of transfer.

The Seller is subject to penalty for knowingly filing a fraudulent certificate for the purpose of avoiding the withholding requirement.

**NOTICE
DEPOSIT OF FUNDS AND DISBURSEMENT DISCLOSURE**

Unless you elect otherwise (as described below), all funds received by PLACER TITLE COMPANY (the "Company") in escrow will be deposited with other escrow funds in one or more non-interest bearing escrow accounts of the Company in a financial institution selected by the Company. The depositor acknowledges that the deposit of funds in a non-interest bearing demand account by Escrow Holder may result in said company receiving a range of economic benefits from the bank in the form of services, credits, considerations, or other things of value. The depositor hereby specifically waives any claim to such economic benefits payable to Escrow Holder resulting from non-interest bearing deposits. Unless you direct the Company to open an interest-bearing account (as described below), the Company shall have no obligation to account to you in any manner for the value of, or to compensate any party for, any benefit received by the Company and/or its affiliated company. Any such benefits shall be deemed additional compensation of the Company for its services in connection with the escrow.

If you elect, funds deposited by you prior to the close of escrow may be placed in an individual interest-bearing account arrangement that the Company has established with one of its financial institutions. You do not have an opportunity to earn interest on the funds deposited by a lender. If you elect to earn interest through this special account arrangement, the Company will charge you an additional fee of \$30.00 for the establishment and maintenance of the account. This fee compensates the Company for the costs associated with opening and managing the interest-bearing account, preparing correspondence/documentation, transferring funds, maintaining appropriate records for audit/reconciliation purposes, and filing any required tax withholding statements. It is important that you consider this cost in your decision since the cost may exceed the interest you earn.

Funds deposited in an interest-bearing account will be withdrawn from such account and deposited in the Company's general escrow trust account approximately two business days prior to the scheduled close of escrow or other disbursement of such funds. If you wish to have your funds placed in an interest bearing account (with an accompanying charge of \$30.00), please mark below, sign and return this form to your escrow officer. In addition, you must complete and return IRS Form W-9. If you do not want to have your funds deposited in an interest-bearing account, you do not need to sign or return this notice and the Company will understand you to have elected to have your funds deposited in a non-interest bearing account. If you change your mind and later wish to have your funds placed in an interest-bearing account, please contact your escrow officer.

The funds you deposit are insured only to the limit provided by the Federal Deposit Insurance Corporation.

☐ PLEASE CONSIDER THIS MY/OUR INSTRUCTION TO PLACE MY/OUR DEPOSIT(S) IN A SEGREGATED, INTEREST-BEARING ACCOUNT. I/WE UNDERSTAND THAT AN ADDITIONAL FEE OF \$30.00 WILL BE CHARGED FOR THIS SERVICE. I/WE HAVE READ AND UNDERSTAND ALL OF THE ABOVE INFORMATION.

Signature

Social Security Number

Date

Signature

Social Security Number

Date

PRIVACY POLICY NOTICE

Purpose Of This Notice

Title V of the Gramm-Leach-Bliley Act (GLBA) generally prohibits any financial institution, directly or through its affiliates, from sharing nonpublic personal information about you with a nonaffiliated third party unless the institution provides you with a notice of its privacy policies and practices, such as the type of information that it collects about you and the categories of a persons or entities to whom it may be disclosed. In compliance with the GLBA, we are providing you with this document, which notifies you of the privacy policies and practices of:

Commonwealth Land Title Insurance Company
Fidelity National Title Insurance Company
First American Title Insurance Company
First American Title Insurance Company of New York
Lawyers Title Insurance Corporation
Montana Title and Escrow Company
National Closing Solutions
National Closing Solutions of Alabama, LLC
NCS Exchange Professionals
North Idaho Title Insurance Company
Old Republic National Title Insurance Company

Placer Title Company
Placer Title Insurance Agency of Utah
Stewart Title Guaranty Company
Stewart Title Insurance Company
Targhee National Title
The Sterling Title Company
Ticor Title Insurance Company
Transnation Title Insurance Company
United General Title Insurance Company
Westcor Land Title Insurance Company
Wyoming Title and Escrow Company

We may collect nonpublic personal information about you from the following sources:

- * Information we receive from you, such as on applications or other forms.
- * Information about your transactions we secure from our files, our affiliates or others.
- * Information we receive from a consumer reporting agency.
- * Information we receive from others involved in your transaction, such as the real estate agent or lender.

Unless it is specifically stated otherwise in an amended Privacy Policy Notice, no additional nonpublic personal information will be collected about you.

We may disclose any of the above information that we collect about our customers or former customers to our affiliates or to nonaffiliated third parties as permitted by law.

We also may disclose this information about our customers or former customers to the following types of nonaffiliated companies that perform marketing services on our behalf or with whom we have joint marketing agreements:

- * Financial service providers such as companies engaged in banking, consumer finances, securities and insurance.
- * Nonfinancial companies such as envelope stuffers and other fulfillment service providers.

WE DO NOT DISCLOSE ANY NONPUBLIC PERSONAL INFORMATION ABOUT YOU WITH ANYONE FOR ANY PURPOSE THAT IS NOT SPECIFICALLY PERMITTED BY LAW.

We restrict access to nonpublic personal information about you to those employees who need to know that information in order to provide products or services to you. We maintain physical, electronic and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

APPENDIX F
ENVIRONMENTAL RECORDS SEARCH



EDR® Environmental
Data Resources Inc

The EDR Radius Map™ Report

**SMART Property
Railroad Square
Santa Rosa, CA 95401**

Inquiry Number: 2112425.2s

January 04, 2008

The Standard in Environmental Risk Information

**440 Wheelers Farms Road
Milford, Connecticut 06461**

Nationwide Customer Service

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

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report 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.

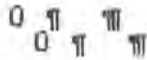
TARGET PROPERTY INFORMATION

ADDRESS

RAILROAD SQUARE
SANTA ROSA, CA 95401

COORDINATES

Latitude (North):
Longitude (West):
Universal Transverse Mercator: Zone 10
UTM X (Meters): 524175.3
UTM Y (Meters): 4254188.0
Elevation: 153 ft. above sea level



USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 38122-D6 SANTA ROSA, CA
Most Recent Revision: 1999

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

FEDERAL RECORDS

NPL.....	National Priority List
Proposed NPL.....	Proposed National Priority List Sites
Delisted NPL.....	National Priority List Deletions
NPL LIENS.....	Federal Superfund Liens
CERC-NFRAP.....	CERCLIS No Further Remedial Action Planned
CORRACTS.....	Corrective Action Report
ERNS.....	Emergency Response Notification System
HMIRS.....	Hazardous Materials Information Reporting System
US ENG CONTROLS.....	Engineering Controls Sites List
US INST CONTROL.....	Sites with Institutional Controls

EXECUTIVE SUMMARY

DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
LUCIS	Land Use Control Information System
DOT OPS	Incident and Accident Data
ICIS	Integrated Compliance Information System
RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generator
RCRA-NonGen	RCRA - Non Generators
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
US CDL	Clandestine Drug Labs
RADINFO	Radiation Information Database
LIENS 2	CERCLA Lien Information
RCRA-LQG	RCRA - Large Quantity Generators
RCRA-TSDF	RCRA - Transporters, Storage and Disposal
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

HIST Cal-Sites	Historical Calsites Database
CA BOND EXP. PLAN	Bond Expenditure Plan
SCH	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF	Solid Waste Information System
CA WDS	Waste Discharge System
WMUDS/SWAT	Waste Management Unit Database
SWRCY	Recycler Database
AST	Aboveground Petroleum Storage Tank Facilities
LIENS	Environmental Liens Listing
CHMIRS	California Hazardous Material Incident Report System
DEED	Deed Restriction Listing
CLEANERS	Cleaner Facilities
WIP	Well Investigation Program Case List
CDL	Clandestine Drug Labs
HAZNET	Facility and Manifest Data
EMI	Emissions Inventory Data
HAULERS	Registered Waste Tire Haulers Listing

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land

EXECUTIVE SUMMARY

INDIAN UST..... Underground Storage Tanks on Indian Land

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

FEDERAL RECORDS

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System 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.

A review of the CERCLIS list, as provided by EDR, and dated 04/23/2007 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>C & D BATTERIES DIV OF ELTRA C</i>	<i>265 ROBERTS AVE</i>	<i>1/4 - 1/2S</i>	<i>Q66</i>	<i>75</i>

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 09/11/2007 has revealed that there are 4 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>WESTSIDE FOREIGN AUTO</i>	<i>12 W 3RD ST</i>	<i>1/8 - 1/4S</i>	<i>E23</i>	<i>28</i>
<i>DE PAZ AUTOBODY</i>	<i>77 W 3RD ST</i>	<i>1/8 - 1/4S</i>	<i>32</i>	<i>39</i>

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>BURT OLHISER PAINTING</i>	<i>206 W 6TH ST</i>	<i>1/8 - 1/4WSW 8</i>		<i>12</i>
<i>AMERICAN SUN MOTORS CORP</i>	<i>77 W THIRD ST UNIT B AN</i>	<i>1/8 - 1/4SSW 52</i>		<i>60</i>

EXECUTIVE SUMMARY

STATE AND LOCAL RECORDS

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

A review of the Cortese list, as provided by EDR, and dated 04/01/2001 has revealed that there are 38 Cortese sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HOTEL LA ROSE	FIFTH STREET 101	0 - 1/8 ENE	A5	9
SIERRA, DAVID	15 3RD	1/8 - 1/4 SE	B10	15
MONTAGUE, EDWARD	FOURTH STREET 100	1/8 - 1/4 ESE	C11	16
KURLANDER, HERBERT	FOURTH STREET 123	1/8 - 1/4 E	C14	19
WHISTLE STOP ANTIQUES	130 FOURTH STREET	1/8 - 1/4 E	F20	24
WESTSIDE ENGINE & MACHINE	12 3RD ST W	1/8 - 1/4 S	E21	28
REDWOOD OIL, FORMER	130 THIRD STREET, WEST	1/8 - 1/4 ESE	35	43
OCCHIPINTI'S	210 FIFTH STREET	1/8 - 1/4 ENE	J37	46
GRACE BROTHERS HOTEL	2ND / RAILROAD ST	1/8 - 1/4 ESE	46	55
SHELL (FOURTH 200)	FOURTH STREET 200	1/8 - 1/4 E	M51	59
LINCOLN ART CENTER	DAVIS STREET 709	1/8 - 1/4 NNE	54	61
MEMORIAL HOSPITAL	A STREET 437	1/4 - 1/2 NE	P61	69
SHAMROCK MATERIALS INC	285 ROBERTS AVE	1/4 - 1/2 S	68	82
GREYHOUND BUS DEPOT (FORMER)	B STREET 416	1/4 - 1/2 ENE	81	98
HIRSCH, PHIL	A STREET, SOUTH 230	1/4 - 1/2 ESE	89	111
AT&T COMMUNICATIONS	THIRD STREET, EAST 520	1/4 - 1/2 ENE	97	124
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GRACE PROPERTY	DONAHUE STREET 802/806	1/8 - 1/4 NNW	H30	37
KERSTON, PETER G.	WILSON STREET 726	1/8 - 1/4 N	I40	49
SRDPW OLD CITY CORP. YARD	DONAHUE STREET 819	1/8 - 1/4 NNW	55	63
CHEVRON #9-4377	214 THIRD STREET, WEST	1/4 - 1/2 SSW	O59	66
YELLOW & ROADWAY FREIGHT	DUTTON AVENUE 270	1/4 - 1/2 SSW	R70	85
DZ PRODUCTS FACILITY	257 DUTTON	1/4 - 1/2 SSW	R72	88
HARRIMANS/DIAMOND LUMBER	275 DUTTON	1/4 - 1/2 SSW	R76	91
24 TENTH STREET PARTNERSHIP	TENTH STREET 24	1/4 - 1/2 NNW	T7	91
ALLEFAX	SEBASTOPOL ROAD 1	1/4 - 1/2 SSE	S78	94
POINT ST. GEORGE FISHERIES	SEBASTOPOL AVENUE 8	1/4 - 1/2 SSE	S82	99
FRITSCH, LEE, GARY & ERY	MAXWELL COURT 29	1/4 - 1/2 NNW	T83	104
ZEDRICK, DAVE	SEBASTOPOL AVENUE 111	1/4 - 1/2 S	84	106
ALHAMBRA NATIONAL WATER CO.	MAXWELL COURT 37	1/4 - 1/2 NNW	T85	107
FRITSCH INVESTMENT CORP	MAXWELL COURT 39	1/4 - 1/2 NNW	T86	108
A AND A TRANSMISSIONS INC	940 N DUTTON AVE	1/4 - 1/2 NW	U96	120
CANTARUTTI FRAME ALIGNMENT	50 MAXWELL COURT	1/4 - 1/2 NW	W98	125
MUSCO TRUST	MAXWELL COURT 4	1/4 - 1/2 NW	W100	127
BOSSA, ELAINE	ELEVENTH STREET 101	1/4 - 1/2 NNW	105	131
EXCHANGE BANK	SEBASTOPOL ROAD 330	1/4 - 1/2 S	X106	133
NELLIGAN, FRANCIS	103 MAXWELL COURT	1/4 - 1/2 NW	108	135
UNOCAL #4320	SEBASTOPOL ROAD 370	1/4 - 1/2 SSW	X110	137
HARRIMAN, TOM & EFF	SEBASTOPOL ROAD 375	1/4 - 1/2 SSW	X112	139

EXECUTIVE SUMMARY

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

A review of the LUST list, as provided by EDR, and dated 10/10/2007 has revealed that there are 67 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FRANCHETTI Facility Status: Pollution Characterization	60 WEST SIXTH STREET	0 - 1/8 NNW 1		6
HOTEL LA ROSE Facility Status: Pollution Characterization	FIFTH STREET 101	0 - 1/8 ENE A5		9
MONTAGUE, EDWARD Facility Status: Preliminary site assessment underway	FOURTH STREET 100	1/8 - 1/4ESE C11		16
FRANCHETTI, PETER Facility Status: Case Closed	3 THIRD STREET	1/8 - 1/4SE B13		18
KURLANDER, HERBERT Facility Status: Case Closed	FOURTH STREET 123	1/8 - 1/4E C14		19
WESTSIDE ENGINE & MACHINE SIERRA, DAVID Facility Status: Case Closed	3RD STREET, WEST 12 THIRD STREET, WEST 15	1/8 - 1/4SSE D16 1/8 - 1/4SSE D18		22 23
WHISTLE STOP ANTIQUES WHISTLE STOP ANTIQUES Facility Status: Case Closed	FOURTH STREET 130 130 FOURTH STREET	1/8 - 1/4E F19 1/8 - 1/4E F20		24 24
WESTSIDE ENGINE & MACHINE Facility Status: Preliminary site assessment underway	12 3RD ST W	1/8 - 1/4S E21		26
LAGARE RESTAURANT Facility Status: Preliminary site assessment underway	208 WILSON ST	1/8 - 1/4ESE G26		32
SRDPW THIRD STREET Facility Status: Pollution Characterization	THIRD STREET	1/8 - 1/4ESE G27		33
REDWOOD OIL, FORMER Facility Status: Case Closed	130 THIRD STREET, WEST	1/8 - 1/4ESE 35		43
OCCHIPINTI'S Facility Status: Pollution Characterization	210 FIFTH STREET	1/8 - 1/4ENE J37		46
OCCHIPINTI'S REDWOOD OIL, FORMER MEAD CLARK LUMBER SUPPLY Facility Status: Remedial action (cleanup) Underway	FIFTH STREET 210 THIRD STREET, WEST 130 175 RAILROAD AVENUE	1/8 - 1/4ENE J39 1/8 - 1/4SSW K41 1/8 - 1/4SE L42		49 51 51
GRACE BROTHERS HOTEL Facility Status: Preliminary site assessment underway	170 RAILROAD STREET	1/8 - 1/4SE L45		54
SHELL Facility Status: Pollution Characterization	200 FOURTH STREET	1/8 - 1/4E M50		58
SHELL (FOURTH 200) LINCOLN ART CENTER Facility Status: Case Closed	FOURTH STREET 200 DAVIS STREET 709	1/8 - 1/4E M51 1/8 - 1/4NNE 54		59 61
DOWNEY PROPERTY Facility Status: Preliminary site assessment underway	121 CHESTNUT STREET	1/8 - 1/4SSE N56		64
MEMORIAL HOSPITAL Facility Status: Case Closed	A STREET 437	1/4 - 1/2NE P61		69
GRINDALAND ESTATE Facility Status: Pollution Characterization	400 A STREET, SOUTH	1/4 - 1/2NE P62		71

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SHAMROCK MATERIALS INC Facility Status: Case Closed	285 ROBERTS AVE	1/4 - 1/2 S	68	82
GREYHOUND BUS DEPOT (FORMER) Facility Status: Pollution Characterization	B STREET 416	1/4 - 1/2 ENE	81	98
HOFFMAN, FRANK	PLD COURT HOUSE SQUARE	1/4 - 1/2 ENE	88	110
HIRSCH, PHIL Facility Status: Pollution Characterization	A STREET, SOUTH 230	1/4 - 1/2 ESE	89	111
PG&E GAS PLANT - MUSCO Facility Status: Pollution Characterization	FIRST / B STREET	1/4 - 1/2 E	V94	117
AT&T COMMUNICATIONS Facility Status: Case Closed	THIRD STREET, EAST 520	1/4 - 1/2 ENE	97	124
TRAVERSOS Facility Status: Leak being confirmed	106 B STREET	1/4 - 1/2 E	V101	128
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GRACE PROPERTY Facility Status: Remedial action (cleanup) Underway	DONAHUE STREET 802/806	1/8 - 1/4 NNW	H30	37
BUEKERS, FRANCIS Facility Status: Case Closed	700 WILSON STREET	1/8 - 1/4 N	I36	45
KERSTON, PETER G. Facility Status: Case Closed	WILSON STREET 726	1/8 - 1/4 N	I40	49
SRDPW OLD CITY CORP. YARD Facility Status: Case Closed	DONAHUE STREET 819	1/8 - 1/4 NNW	55	63
CHEVRON #9-4377	214 3RD ST W	1/4 - 1/2 SSW	O57	66
CHEVRON #9-4377	3RD STREET, WEST 214	1/4 - 1/2 SSW	O58	66
CHEVRON #9-4377 Facility Status: Remediation Plan	214 THIRD STREET, WEST	1/4 - 1/2 SSW	O59	66
SCWA - 330 HEWETT Facility Status: Pollution Characterization	330 HEWETT STREET	1/4 - 1/2 W	60	68
MCGOWEN AUTO WRECKING (FORMER) Facility Status: Preliminary site assessment underway	112 HOLBROOK	1/4 - 1/2 S	Q64	73
C&D BATTERIES Facility Status: Remediation Plan	265 ROBERTS AVENUE	1/4 - 1/2 S	Q67	80
YELLOW & ROADWAY FREIGHT Facility Status: Case Closed	DUTTON AVENUE 270	1/4 - 1/2 SSW	R70	85
SHELL, DZ PRODUCTS FACILITY Facility Status: Pollution Characterization	257 DUTTON AVENUE	1/4 - 1/2 SSW	R73	88
24 TENTH STREET PARTNERSHIP Facility Status: Case Closed Facility Status: Case Closed	TENTH STREET 24	1/4 - 1/2 NNW	77	91
ALLEFAX	SEBASTOPOL ROAD 1	1/4 - 1/2 SSE	S78	94
ALLEFAX Facility Status: Preliminary site assessment underway	1 SEBASTOPOL AVENUE	1/4 - 1/2 SSE	S79	94
POINT ST. GEORGE FISHERIES Facility Status: Preliminary site assessment underway Facility Status: Pollution Characterization	SEBASTOPOL AVENUE 8	1/4 - 1/2 SSE	S82	99
FRITSCH, LEE, GARY & ERRY Facility Status: Case Closed	MAXWELL COURT 29	1/4 - 1/2 NNW	T83	104

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<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ZEDRICK, DAVE Facility Status: Case Closed	SEBASTOPOL AVENUE 111	1/4 - 1/2S	84	106
ALHAMBRA NATIONAL WATER CO.	MAXWELL COURT 37	1/4 - 1/2NNW	T85	107
FRITSCH INVESTMENT CORP Facility Status: Case Closed	MAXWELL COURT 39	1/4 - 1/2NNW	T86	108
SONOMA COUNTY GOVERNMENT BUILD Facility Status: Case Closed	SEBASTOPOL ROAD / ROBER	1/4 - 1/2S	87	109
CANTARUTTI FRAME ALIGNMENT	MAXWELL COURT 50	1/4 - 1/2NNW	90	112
INDUSTRIAL MACHINE & ENGINE RP Facility Status: Leak being confirmed	928 DUTTON AVENUE, NORT	1/4 - 1/2NW	U91	113
MC KESSON WATER PRODUCTS COMPA	MAXWELL COURT 37	1/4 - 1/2NNW	T92	114
ALHAMBRA NATIONAL WATER COMPAN Facility Status: Case Closed Facility Status: Case Closed	37 MAXWELL COURT	1/4 - 1/2NNW	T93	114
A AND A TRANSMISSIONS INC Facility Status: Case Closed	940 N DUTTON AVE	1/4 - 1/2NW	U96	120
CANTARUTTI FRAME ALIGNMENT Facility Status: Case Closed	50 MAXWELL COURT	1/4 - 1/2NW	W98	125
MUSCO TRUST Facility Status: Case Closed	MAXWELL COURT 4	1/4 - 1/2NW	W100	127
NELLIGAN, FRANCIS	MAXWELL COURT 103	1/4 - 1/2NW	W102	130
EXCHANGE BANK & DATA CTR.	330 SEBASTOPOL RD	1/4 - 1/2SSW	X103	130
BOSSA, ELAINE Facility Status: Case Closed	ELEVENTH STREET 101	1/4 - 1/2NNW	105	131
EXCHANGE BANK Facility Status: Post remedial action monitoring	SEBASTOPOL ROAD 330	1/4 - 1/2S	X106	133
WESTSIDE UNOCAL	370 SEBASTOPOL RD	1/4 - 1/2SSW	X107	134
NELLIGAN, FRANCIS Facility Status: Case Closed	103 MAXWELL COURT	1/4 - 1/2NW	108	135
UNOCAL #4320 Facility Status: Preliminary site assessment underway	SEBASTOPOL ROAD 370	1/4 - 1/2SSW	X110	137
HARRIMAN, TOM & EFF Facility Status: Case Closed	SEBASTOPOL ROAD 375	1/4 - 1/2SSW	X112	139

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

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 7 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LA ROSA HOTEL	101 5TH ST	0 - 1/8 ENE	A3	7
TEE VAX	100 4TH ST	0 - 1/8 E	6	11
OCCHIPINITI ARCO	210 005TH ST	1/8 - 1/4 ENE	9	14
WEST SIDE ENGINE & MACHINE	12 W 3RD ST	1/8 - 1/4 S	E24	31
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
N.W.R.R.	020TH WEST 6TH ST A	0 - 1/8 W	4	9

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FRANCO AMERICAN BAKERY	202 W 007TH ST	1/8 - 1/4W	12	17
PETER G KERSTON	726 WILSON ST	1/8 - 1/4N	49	57

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

A review of the SLIC list, as provided by EDR, and dated 10/10/2007 has revealed that there are 16 SLIC sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FRANCHETTI	60 WEST SIXTH STREET	0 - 1/8 NNW	1	6
COBB, RAY	2 THIRD STREET	1/8 - 1/4SE	B7	12
FRANCHETTI, PETER	3 THIRD STREET	1/8 - 1/4SE	B13	18
REDWOOD OIL, FORMER	130 THIRD STREET, WEST	1/8 - 1/4ESE	35	43
Facility Status: Case Closed				
GRACE BROTHERS STREAMSIDE AREA	171 RAILROAD STREET	1/8 - 1/4SE	L43	52
DOWNNEY	109 CHESTNUT	1/8 - 1/4SSE	N53	61
Facility Status: Case Open				
DOWNNEY PROPERTY	121 CHESTNUT STREET	1/8 - 1/4SSE	N56	64
Facility Status: Case Open				
HIRSCH, PHIL	A STREET, SOUTH 230	1/4 - 1/2ESE	89	111
PG&E GAS PLANT - MUSCO	FIRST / B STREET	1/4 - 1/2E	V94	117
HI SCH, PHIL	230 SOUTH A STREET	1/4 - 1/2ESE	99	127
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SCWA - 330 HEWETT	330 HEWETT STREET	1/4 - 1/2W	60	68
MCGOWEN AUTO WRECKING (FORMER)	112 HOLBROOK	1/4 - 1/2S	Q64	73
C&D BATTERIES	265 ROBERTS AVENUE	1/4 - 1/2S	Q67	80
POINT ST. GEORGE FISHERIES	SEBASTOPOL AVENUE 8	1/4 - 1/2SSE	S82	99
SONOMA COUNTY GOVERNMENT BUILD	SEBASTOPOL ROAD / ROBER	1/4 - 1/2S	87	109
INDUSTRIAL MACHINE & ENGINE RP	928 DUTTON AVENUE, NORT	1/4 - 1/2NW	U91	113

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

A review of the UST list, as provided by EDR, and dated 10/10/2007 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WESTSIDE ENGINE & MACHINE	12 WEST 3RD ST	1/8 - 1/4S	E25	31
OCCCHIPINTI ONE STOP SERVICE	210 FIFTH STREET	1/8 - 1/4ENE	J38	49

EXECUTIVE SUMMARY

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 9 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
N.W.R.R.	20TH WEST 6TH ST. #A	0 - 1/8 NW	2	7
DEE JAY SOSA & GLOSS INC.	13 W 3RD ST	1/8 - 1/4 S	E17	22
WESTSIDE FOREIGN AUTO INC.	12 W 3RD ST	1/8 - 1/4 S	E22	27
REDWOOD OIL COMPANY	130 3RD ST	1/8 - 1/4 ESE	G33	42
THIRD STREET	130 3RD ST	1/8 - 1/4 ESE	G34	42
WILLIAM J OCCHIPINTI	210 5TH ST	1/8 - 1/4 ENE	J47	55
OCCHIPINTI ARCO	210 5TH ST	1/8 - 1/4 ENE	J48	56
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FRANCO AMERICAN BAKERY	202 W 7TH ST	1/8 - 1/4 W	15	21
SANTA ROSA ICE & COLD STORAGE	806 DONAHUE ST	1/8 - 1/4 NNW	H31	38

SWEEPS: 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 1980'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.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 6 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LA ROSA HOTEL	101 5TH ST	0 - 1/8 ENE	A3	7
TEE VAX	100 4TH ST	0 - 1/8 E	6	11
OCCHIPINTI ARCO	210 005TH ST	1/8 - 1/4 ENE	9	14
WEST SIDE ENGINE & MACHINE	12 W 3RD ST	1/8 - 1/4 S	E24	31
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FRANCO AMERICAN BAKERY	202 W 007TH ST	1/8 - 1/4 W	12	17
PETER G KERSTON	726 WILSON ST	1/8 - 1/4 N	49	57

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

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there are 26 Notify 65 sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HOFFMAN, FRANK	PLD COURT HOUSE SQUARE	1/4 - 1/2 ENE	88	110
CITY PARKING GARAGE 9	SECOND STREET	1/4 - 1/2 E	Y111	139
SONNEN MOTORCARS	965 SANTA ROSA AVE	1/2 - 1 SE	131	170
REDWOOD EMPIRE LIFE SUPPORT	PETALUMA HILL ROAD 940	1/2 - 1 SE	132	176
TORVICK INC	1015 SANTA ROSA AVE	1/2 - 1 SE	134	179
REDWOOD OIL CO	1100 BENNETT AVE	1/2 - 1 ESE	144	188
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DZ INC, SHELL BULK PLANT	257 DUTTON AVENUE	1/4 - 1/2 SW	69	85

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<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DZ PRODUCTS FACILITY	257 DUTTON	1/4 - 1/2 SSW	R72	88
258 DUTTON	258 DUTTON	1/4 - 1/2 SSW	R74	90
YELLOW ROADWAY FREIGHT	270 DUTTON AVENUE	1/4 - 1/2 SSW	R75	90
CORREIRA'S AUTOMOTIVE	940 NORTH DUTTON AVE	1/4 - 1/2 NW	U95	118
CANTARUTTI FRAME ALIGNMENT	50 MAXWELL COURT	1/4 - 1/2 NW	W98	125
CHEVRON CHEMICAL/PURITY	1005 CLEVELAND AVE	1/2 - 1 NNW	116	147
KAISER SAND & GRAVEL COMP	1060 MAXWELL	1/2 - 1 NNW	117	147
EXCHANGE BANK DATA CENTER	330 SEBASTOPAL	1/2 - 1 SSW	119	149
TAYLOR, JOYCE	1215 BRIGGS AVENUE	1/2 - 1 NNW	120	149
SEBASTOPAL B.P.	760 SEBASTOPAL	1/2 - 1 SW	121	150
SUPERIOR SUPPLIES INC	40 RIDGEWAY AVENUE	1/2 - 1 NNW	130	166
CA NAT'L GUARD ARMORY	1509 ARMORY DRIVE	1/2 - 1 NNW	133	179
RESIDENCE	1267 CORBY AVE	1/2 - 1 SSE	AA136	184
RESIDENCE	1267 CORBY AVE	1/2 - 1 SSE	AA137	184
RESIDENCE	1267 CORBY AVE	1/2 - 1 SSE	AA138	184
SOUTHERN PACIFIC TRANS CO	99 FRANCES	1/2 - 1 NNW	AB140	186
SOUTHERN-PACIFIC	99 FRACIS AVENUE	1/2 - 1 NNW	AB141	186
WEST COAST WELDERS	CLEVELAND AVENUE 1377	1/2 - 1 NNW	AB142	187
WILSON BAUGH ENTERPRISES	805 SEBASTOPAL	1/2 - 1 SW	143	188

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

A review of the VCP list, as provided by EDR, and dated 08/28/2007 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FORMER POINT ST. GEORGE FISHER	8 SEBASTOPOL ROAD	1/4 - 1/2 SSE	S80	95

RESPONSE: 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.

A review of the RESPONSE list, as provided by EDR, and dated 08/28/2007 has revealed that there is 1 RESPONSE site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MCMINN AVENUE	841 MCMINN AVENUE	1/2 - 1 SW	128	162

ENVIROSTOR: 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.

A review of the ENVIROSTOR list, as provided by EDR, and dated 08/28/2007 has revealed that there are

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22 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WESTERN AUTO WRECKERS Facility Status: Refer: RWQCB	112 3RD	1/8 - 1/4 ESE	G28	35
MALLORY WRECKING Facility Status: Refer: RWQCB	518 2ND	1/4 - 1/2 E	Y104	130
PG&E GAS PLANT Facility Status: Refer: RWQCB	5TH / MENDOCINO	1/2 - 1 ENE	Z113	140
CAR CAPITOL Facility Status: Refer: Other Agency	701 SANTA ROSA AVE	1/2 - 1 ESE	123	152
KRAFT AUTO WRECKING CO Facility Status: Refer: RWQCB	908 SANTA ROSA AVENUE	1/2 - 1 SE	126	160
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GRACE PROPERTY Facility Status: Refer: RWQCB	802 DONAHUE	1/8 - 1/4 NNW	H29	36
CITY OF SANTA ROSA PUBLIC WORK Facility Status: Refer: Other Agency	130 WEST THIRD STREET	1/8 - 1/4 SSW	K44	52
MC GOWEN AUTO WRECKERS Facility Status: Refer: RWQCB	116 HOLBROOK STREET	1/4 - 1/2 S	Q63	72
SQUARE DEAL AUTO WRECKING Facility Status: Refer: RWQCB	214 ROBERT AVENUE	1/4 - 1/2 S	Q65	74
C & D BATTERIES DIV OF ELTRA C Facility Status: Refer: RWQCB	265 ROBERTS AVE	1/4 - 1/2 S	Q66	75
SHELL OIL WHOLESALE PLANT Facility Status: Refer: RWQCB	257 DUTTON	1/4 - 1/2 SSW	R71	87
FORMER POINT ST. GEORGE FISHER Facility Status: Refer: RWQCB	8 SEBASTOPOL ROAD	1/4 - 1/2 SSE	S80	95
PURITY CHEMICAL PRODUCTS CO Facility Status: Refer: RWQCB	1005 CLEVELAND AVE	1/2 - 1 NNW	115	142
FARAUDOS AUTO DISMANTLERS Facility Status: Refer: RWQCB	1061 N DUTTON	1/2 - 1 NW	118	148
COAST AUTO WRECKING Facility Status: Refer: RWQCB	949 SEBASTOPOL RD	1/2 - 1 SW	122	151
SANTA ROSA PLATING WORKS Facility Status: No Further Action	80 BARHAM AVE	1/2 - 1 SSE	124	158
SANTA ROSA CIRCUITS Facility Status: Refer: RWQCB	35 / 48 WEST BARHAM AVE	1/2 - 1 SSE	125	159
SUPERIOR SUPPLIES, INC. Facility Status: Refer: RWQCB	40 RIDGEWAY AVENUE	1/2 - 1 NNW	127	161
MCMINN AVENUE Facility Status: Refer: RWQCB	841 MCMINN AVENUE	1/2 - 1 SW	128	162
S.W. BROWN Facility Status: Refer: RWQCB	1175 SEBASTOPOL ROAD	1/2 - 1 SW	129	165
FAST FOREIGN AUTO DISMANTLER Facility Status: Refer: RWQCB	1215 BRIGGS AVENUE	1/2 - 1 NNW	135	183
WEST COAST SCRAP METAL Facility Status: Refer: RWQCB	99 FRANCES STREET	1/2 - 1 NNW	AB139	185

EXECUTIVE SUMMARY

EDR PROPRIETARY RECORDS

EDR 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.

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there are 2 Manufactured Gas Plants sites within approximately 1 mile of the target property.

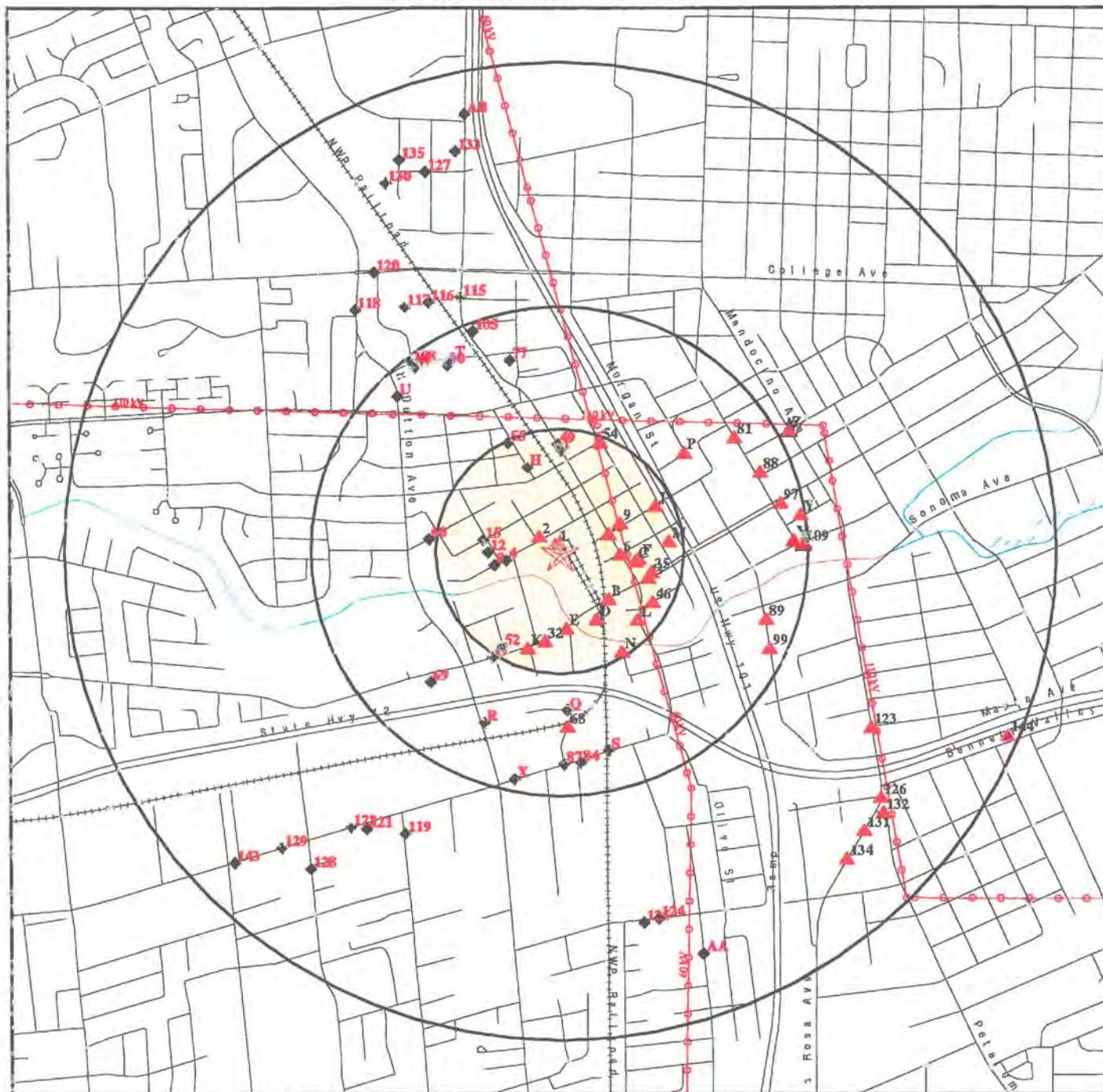
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PG AND E GAS PLANT SANTA ROSA	S SIDE 1ST NEAR B STREE	1/4 - 1/2 E	109	137
PG&E GAS PLANT	5TH & MENDOCINO	1/2 - 1 ENE	Z114	142

EXECUTIVE SUMMARY

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

Site Name	Database(s)
LES PETERSEN DRILLING & PUMP I HAAWKINS MECHANICAL SERVICE SHELL (DUTTON)	CA FID UST, SWEEPS UST CLEANERS Notify 65, LUST, Cortese, SLIC
YOLO, DANIEL PG&E GAS PLANT SANTA ROSA 104 6 SONOMA COUNTY 10TH STREET CORPORATION SANTA ROSA CITY / HIGHWAY 12 INTERCHANGE SANTA ROSA COMMUNITY DEVELOPMENT SW AREA MISSION ARBORS AUTO EXCHANGE SANTA ROSA STORM DRAIN IMPROVEMENTS-RR FAST & EASY MART STEVENSON EQUIPMENT SANTA ROSA PRINCE MEMORIAL GREENWAY SONOMA COUNTY COMMUNITY DEVELOPMENT SEBASTOPOL RD @ WEST AVENUE - HVOC PLUME MCMINN AVENUE SUPERFUND AREA AHL PROPERTY MARSHALL PROPERTY MITRI SHAMI CALTRANS DIST 4 LOS GUILICOS	LUST, Cortese CERC-NFRAP LUST LUST, SLIC LUST, SLIC LUST LUST LUST, SLIC LUST LUST LUST, SLIC LUST, SLIC LUST, SLIC LUST LUST LUST UST RCRA-SQG, FINDS SLIC

OVERVIEW MAP - 2112425.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: SMART Property
 ADDRESS: Railroad Square
 Santa Rosa CA 95401
 LAT/LONG: 38.4375 / 122.7230

CLIENT: EBA Engineering
 CONTACT: Kari Wester
 INQUIRY #: 2112425.2s
 DATE: January 04, 2008 9:24 am

- ### Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

CLIENT: EBA Engineering
CONTACT: Karl Wester
INQUIRY #: 2112425.2s
DATE: January 04, 2008 9:24 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	1	NR	NR	1
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
ERNS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	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
ODI		0.500	0	0	0	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
SSTS	TP		NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	4	NR	NR	NR	4
RCRA-TSDF		0.500	0	0	0	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
Hist Cal-Sites		1.000	0	0	0	0	NR	0
CA Bond Exp. Plan		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
State Landfill		0.500	0	0	0	NR	NR	0

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
CA WDS		TP	NR	NR	NR	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
Cortese		0.500	1	13	24	NR	NR	38
SWRCY		0.500	0	0	0	NR	NR	0
LUST		0.500	2	24	41	NR	NR	67
CA FID UST		0.250	3	4	NR	NR	NR	7
SLIC		0.500	1	6	9	NR	NR	16
UST		0.250	0	2	NR	NR	NR	2
HIST UST		0.250	1	8	NR	NR	NR	9
AST		0.250	0	0	NR	NR	NR	0
LIENS		TP	NR	NR	NR	NR	NR	0
SWEEPS UST		0.250	2	4	NR	NR	NR	6
CHMIRS		TP	NR	NR	NR	NR	NR	0
Notify 65		1.000	0	0	8	18	NR	26
DEED		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	1	NR	NR	1
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
RESPONSE		1.000	0	0	0	1	NR	1
HAZNET		TP	NR	NR	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
HAULERS		TP	NR	NR	NR	NR	NR	0
ENVIROSTOR		1.000	0	3	6	13	NR	22
TRIBAL RECORDS								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.000	0	0	1	1	NR	2

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

1 FRANCHETTI
 NNW 60 WEST SIXTH STREET
 < 1/8 SANTA ROSA, CA 95401
 99 ft.

LUST S105050903
 SLIC N/A

Relative:
 Higher

Actual:
 154 ft.

LUST:

Region: STATE
 Case Type: Other ground water affected
 Cross Street: Not reported
 Enf Type: RB
 Funding: TC
 How Discovered: OM
 How Stopped: Not reported
 Leak Cause: UNK
 Leak Source: UNK
 Global Id: T0609792525
 Stop Date: Not reported
 Confirm Leak: 2000-12-28 00:00:00
 Workplan: Not reported
 Prelim Assess: 2006-02-23 00:00:00
 Pollution Char: 2007-01-22 00:00:00
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Discover Date: 2000-01-11 00:00:00
 Enforcement Dt: 2001-01-09 00:00:00
 Release Date: 2000-01-11 00:00:00
 Review Date: 2001-01-09 00:00:00
 Enter Date: 2000-12-28 00:00:00
 MTBE Date: 1965-01-01 00:00:00
 GW Qualifier: Not reported
 Soil Qualifier: Not reported
 Max MTBE GW ppb: 0
 Max MTBE Soil ppb: 0
 County: 49
 Org Name: Not reported
 Reg Board: North Coast Region
 Status: Pollution Characterization
 Chemical: SUB026
 Contact Person: Not reported
 Responsible Party: RICHARD DEVINE
 RP Address: 160 SANSOME STREET
 Interim: No
 Oversight Prgm: LUST
 MTBE Class: D
 MTBE Conc: 2
 MTBE Fuel: 0
 MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
 Staff: JEF
 Staff Initials: Not reported
 Lead Agency: Regional Board
 Local Agency: 49060
 Hydr Basin #: SANTA ROSA VALLEY (1
 Beneficial: AGR, PROC, IND, MUN
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: Not reported
 Local Case #: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FRANCHETTI (Continued)

S105050903

Case Number: 1TSR374
Qty Leaked: Not reported
Abate Method: Not reported
Operator: MICHAEL FRANCHETTI
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: RPT RC'D 4-24-00. JEF LTR 7-21-00. FAX RC'D 9-22-00,9-25-00. PRELIM RPT RC'D
11-16-00. JEF LTR 1-9-01. PLAN RC'D 7-3-1. JEF LTR 10-11-1,11-7-1.

SLIC:

Region: 1
Facility ID: 1NSR374
Staff Initials: JEF

2 N.W.R.R.
NW 20TH WEST 6TH ST. #A
< 1/8 SANTA ROSA, CA 95401
274 ft.

HIST UST U001609253
N/A

Relative:
Equal

HIST UST:

Region: STATE
Facility ID: 00000028141
Facility Type: Other
Other Type: RAILYARD
Total Tanks: 0001
Contact Name: M. HERNANDES
Telephone: 7075262467
Owner Name: SOUTHERN PACIFIC TRANSPORTATIO
Owner Address: ONE MARKET PLAZA
Owner City,St,Zip: SAN FRANCISCO, CA 94105

Actual:
153 ft.

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Pressure Test

A3 LA ROSA HOTEL
ENE 101 5TH ST
< 1/8 SANTA ROSA, CA 95401
558 ft.

HAZNET S101595257
CA FID UST N/A
SWEEPS UST

Relative:
Higher

Site 1 of 2 in cluster A

HAZNET:

Gepaid: CAL000254172
Contact: KATHY NORRIS RM L2173
Telephone: 9258425931
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 6004

Actual:
158 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

LA ROSA HOTEL (Continued)

S101595257

Mailing City,St,Zip: SAN RAMON, CA 94583
Gen County: Sonoma
TSD EPA ID: CAD099452708
TSD County: Sonoma
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 0.62
Facility County: Sonoma

CA FID UST:

Facility ID: 49000251
Regulated By: UTKA
Regulated ID: Not reported
Corlese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 400 CALIFORNIA ST
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95401
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:

Status: A
Comp Number: 443
Number: 1
Board Of Equalization: Not reported
Ref Date: 04-03-92
Act Date: 04-03-92
Created Date: 04-03-92
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: Not reported
Actv Date: Not reported
Capacity: Not reported
Tank Use: Not reported
Stg: Not reported
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 443
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 49-080-000443-000001

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LA ROSA HOTEL (Continued)

EDR ID Number
EPA ID Number

Database(s)

Actv Date: Not reported
Capacity: 1100
Tank Use: PETROLEUM
Stg: WASTE
Content: 85% WATER
Number Of Tanks: 1

S101595257

4
West
< 1/8
577 ft.

N.W.R.R.
020TH WEST 6TH ST A
SANTA ROSA, CA 95401

CA FID UST S101627181
N/A

Relative:
Lower

CA FID UST:

Facility ID: 49003730
Regulated By: UTNKA
Regulated ID: 00028141
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075262467
Mail To: Not reported
Mailing Address: 020TH WEST 6TH ST A
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95401
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

A5
ENE
< 1/8
578 ft.

HOTEL LA ROSE
FIFTH STREET 101
SANTA ROSA, CA

Site 2 of 2 in cluster A

LUST S101309866
Cortese N/A

Relative:
Higher

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: SEL
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608700615
Stop Date: 1989-08-21 00:00:00
Confirm Leak: 1989-08-21 00:00:00
Workplan: 1990-01-04 00:00:00
Prelim Assess: 1990-01-17 00:00:00
Pollution Char: 2004-08-19 00:00:00
Remed Plan: 1995-11-02 00:00:00
Remed Action: 1995-11-02 00:00:00
Monitoring: 1995-11-02 00:00:00

Actual:
156 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HOTEL LA ROSE (Continued)

S101309865

Close Date: Not reported
Discover Date: 1989-08-21 00:00:00
Enforcement Dt: 1989-08-21 00:00:00
Release Date: 1989-08-21 00:00:00
Review Date: 2001-03-21 00:00:00
Enter Date: 1989-08-21 00:00:00
MTBE Date: 1965-01-01 00:00:00
GW Qualifier: <
Soil Qualifier: Not reported
Max MTBE GW ppb: 30
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Pollution Characterization
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: BANK OF CALIFORNIA
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: C
MTBE Conc: 1
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: JEF
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR104
Qty Leaked: Not reported
Abate Method: Cap Site - install horizontal impermeable layer to reduce rainfall infiltration, ,E, D
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: QRPT 3-26-87. JEF LTR 1-12-98,4-8-98. QRPT 4-30-98. JEF LTR 4-2-99. QRPT RC'D 9-8-99. JEF LTR 9-8-99. LTR RC'D 12-16-99. RPT RC'D 3-8-00. QRPT RC'D 3-16-00. LTR RC'D 4-6-00, 6-16-00, 9-18-00, 12-20-00. QRPT RC'D 3-20-01. RPT RC'D 5-17-01. LTR RC'D 6-18-1,9-19-1.

LUST:
Region: 1
Facility ID: 1TSR104
Staff Initials: JEF

Cortese:

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

HOTEL LA ROSE (Continued)

S101309886

Region: CORTESE
Facility Addr2: 101 FIFTH STREET

6
East
< 1/8
647 ft.

TEE VAX
100 4TH ST
SANTA ROSA, CA 95401

CA FID UST S101595265
SWEEPS UST N/A

Relative:
Higher

CA FID UST:

Facility ID: 49000288
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075451195
Mail To: Not reported
Mailing Address: 100 4TH ST
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95401
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Actual:
156 ft.

SWEEPS UST:

Status: A
Comp Number: 23701
Number: 1
Board Of Equalization: Not reported
Ref Date: 06-12-90
Act Date: 06-12-90
Created Date: 06-12-90
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: Not reported
Actv Date: Not reported
Capacity: Not reported
Tank Use: Not reported
Stg: Not reported
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 23701
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 49-060-023701-000001
Actv Date: Not reported
Capacity: 500

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

TEE VAX (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101595265

Tank Use: OIL
Stg: PRODUCT
Content: LEADED GASOL
Number Of Tanks: 2

Status: Not reported
Comp Number: 23701
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 49-060-023701-000002
Actv Date: Not reported
Capacity: 500
Tank Use: OIL
Stg: PRODUCT
Content: REGULAR UNLE
Number Of Tanks: Not reported

B7
SE
1/8-1/4
703 ft.

COBB, RAY
2 THIRD STREET
SANTA ROSA, CA 95401

SLIC S105051279
N/A

Relative:
Higher

Site 1 of 3 in cluster B

Actual:
154 ft.

SLIC:
Region: STATE
Global Id: T0609793521
Assigned Name: MAINSITE
Lead Agency Contact: JOAN FLECK
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: 1NSR199
Responsible Party: RAY COBB
Recent Dtw: Not reported
Substance Released: 8006619
Facility Status: Not reported

SLIC:
Region: 1
Facility ID: 1NSR199
Staff Initials: JEF

8
WSW
1/8-1/4
714 ft.

BURT OLHISER PAINTING
206 W 6TH ST
SANTA ROSA, CA 95401

RCRA-SQG 1000593263
FINDS CAD982437634

Relative:
Lower

RCRA-SQG:
Date form received by agency: 03/13/1991
Facility name: BURT OLHISER PAINTING
Facility address: 206 W 6TH ST
SANTA ROSA, CA 95401
EPA ID: CAD982437634

Actual:
145 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

BURT OLHISER PAINTING (Continued)

1000593263

Mailing address: W 6TH ST
 SANTA ROSA, CA 95401
Contact: ENVIRONMENTAL MANAGER
Contact address: 206 W 6TH ST
 SANTA ROSA, CA 95401
Contact country: US
Contact telephone: (707) 528-2974
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: BURT OLHISER
Owner/operator address: NOT REQUIRED
 NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
 NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. Importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground Injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURT OLHISER PAINTING (Continued)

1000593263

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

9
ENE
1/8-1/4
720 ft.

OCCHIPINITI ARCO
210 005TH ST
SANTA ROSA, CA 95404

CA FID UST **S101627187**
SWEEPS UST **N/A**

Relative:
Higher

Actual:
156 ft.

CA FID UST:

Facility ID: 49003816
Regulated By: UTNKA
Regulated ID: 00057302
Cortesa Code: Not reported
SIC Code: Not reported
Facility Phone: 7075423823
Mail To: Not reported
Mailing Address: 210 005TH ST
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95401
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:

Status: A
Comp Number: 57302
Number: 9
Board Of Equalization: 44-028355
Ref Date: 07-01-85
Act Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 4
Swrcb Tank Id: 49-060-057302-000001
Actv Date: 07-01-85
Capacity: 6000
Tank Use: OIL
Stg: W
Content: WASTE OIL
Number Of Tanks: 4

Status: A
Comp Number: 57302
Number: 9
Board Of Equalization: 44-028355

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

OCCHIPINTI ARCO (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101627187

Ref Date: 07-01-85
Act Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 2
Swrcb Tank Id: 49-060-057302-000002
Actv Date: 07-01-85
Capacity: 8000
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 57302
Number: 9
Board Of Equalization: 44-028355
Ref Date: 07-01-85
Act Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 3
Swrcb Tank Id: 49-060-057302-000003
Actv Date: 07-01-85
Capacity: 6000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 57302
Number: 9
Board Of Equalization: 44-028355
Ref Date: 07-01-85
Act Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 4
Swrcb Tank Id: 49-060-057302-000004
Actv Date: 07-01-85
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

B10
SE
1/8-1/4
726 ft.

SIERRA, DAVID
15 3RD
SANTA ROSA, CA

Cortese S105026528
N/A

Relative:
Higher

Site 2 of 3 in cluster B

Actual:
155 ft.

Cortese:
Region: CORTESE
Facility Addr2: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C11 MONTAGUE, EDWARD
ESE FOURTH STREET 100
1/8-1/4 SANTA ROSA, CA
734 ft.

LUST S101309852
Cortese N/A

Relative: Site 1 of 2 in cluster C
Higher

Actual:
155 ft.

LUST:
Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700641
Stop Date: 1990-03-15 00:00:00
Confirm Leak: 1990-03-23 00:00:00
Workplan: 1992-10-23 00:00:00
Prelim Assess: 1992-10-23 00:00:00
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1990-03-15 00:00:00
Enforcement Dt: 1990-03-23 00:00:00
Release Date: 1990-03-15 00:00:00
Review Date: 1999-10-22 00:00:00
Enter Date: 1990-03-23 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Preliminary site assessment underway
Chemical: Diesel
Contact Person: Not reported
Responsible Party: EDWARD MONTAGUE
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: JEF
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: C
Cleanup Fund Id: Not reported
Work Suspended: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MONTAGUE, EDWARD (Continued)

EDR ID Number
EPA ID Number

S101309862

Local Case #: Not reported
Case Number: 1TSR140
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: EDWARD MONTAGUE
Water System Name: Not reported
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: P65 RC'D 3-15-90. LTR RC'D 6-3-92. FAX RC'D 7-14-92. LTR 7-15-92. NKN LTR 7-20-92. LTR RC'D 10-7-92, 10-21-92. RPT RC'D 10-23-92. LTR RC'D 6-8-93, 6-17-93. JEF LTR 6-25-93. LTR RC'D 6-30-93. JEF LTR 8-9-94, 2-27-95, 8-28-96. LTR RC'D 9-1-98. JEF LTR 8-19-99.

LUST:

Region: 1
Facility ID: 1TSR140
Staff Initials: JEF

Cortese:

Region: CORTESE
Facility Addr2: 100 FOURTH STREET

12
West
1/8-1/4
765 ft.

FRANCO AMERICAN BAKERY
202 W 007TH ST
SANTA ROSA, CA 95401

HAZNET **S101627151**
CA FID UST **N/A**
SWEEPS UST

Relative:
Lower

Actual:
146 ft.

HAZNET:
Gepaid: CAC002272281
Contact: FRANCO AMERICAN BAKERY
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 202 W 7TH STREET
Mailing City, St, Zip: SANTA ROSA, CA 954010000
Gen County: Sonoma
TSD EPA ID: CAD009466382
TSD County: 7
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: .1500
Facility County: Sonoma

CA FID UST:

Facility ID: 49003778
Regulated By: UTKA
Regulated ID: 00048561
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075457528
Mail To: Not reported
Mailing Address: 202 W 007TH ST
Mailing Address 2: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FRANCO AMERICAN BAKERY (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101627151

Mailing City,St,Zip: SANTA ROSA 95401
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:

Status: A
Comp Number: 48561
Number: 9
Board Of Equalization: 44-028294
Ref Date: 07-01-85
Act Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 49-060-048561-000001
Actv Date: 07-01-85
Capacity: 1000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 1

B13
SE
1/8-1/4
788 ft.

FRANCHETTI, PETER
3 THIRD STREET
SANTA ROSA, CA 95401

LUST S105050897
SLIC N/A

Site 3 of 3 in cluster B

Relative:
Higher

Actual:
155 ft.

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: RB
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609793123
Stop Date: Not reported
Confirm Leak: 1991-09-19 00:00:00
Workplan: 1999-11-05 00:00:00
Prelim Assess: 1999-11-05 00:00:00
Pollution Char: 1999-11-05 00:00:00
Remed Plan: 1999-11-05 00:00:00
Remed Action: 1999-11-05 00:00:00
Monitoring: 1999-11-05 00:00:00
Close Date: 1999-11-05 00:00:00
Discover Date: 1991-09-19 00:00:00
Enforcement Dt: 1991-09-19 00:00:00
Release Date: 1991-09-19 00:00:00
Review Date: 1999-12-09 00:00:00

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FRANCHETTI, PETER (Continued)

S105050897

Enter Date: 1991-09-19 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: Not reported
RP Address: Not reported
Interim: No
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1NSR197
Qty Leaked: Not reported
Abate Method: No Action Required - Incident is minor, requiring no remedial action
Operator: FRANCHETTI, PETER
Water System Name: Not reported
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: JEF LTR 3-10-99. JEF LTR 8-19-99. DATA RC'D 9-7-99. JEF LTR 11-5-99. LAM
CLOSURE LTR 11-5-99.

SLIC:

Region: 1
Facility ID: 1NSR197
Staff Initials: Facility Closed

C14 KURLANDER, HERBERT
East FOURTH STREET 123
1/8-1/4 SANTA ROSA, CA
810 ft.

Relative:
Higher

Site 2 of 2 in cluster C

Actual:
156 ft.

LUST:
Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported

LUST S101309863
Cortese N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

KURLANDER, HERBERT (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101309863

Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700652
Stop Date: 1990-03-28 00:00:00
Confirm Leak: 1990-06-15 00:00:00
Workplan: 1993-08-03 00:00:00
Prelim Assess: 1993-11-16 00:00:00
Pollution Char: 1995-10-24 00:00:00
Remed Plan: 1998-11-25 00:00:00
Remed Action: 1998-11-25 00:00:00
Monitoring: 1998-11-25 00:00:00
Close Date: 1998-11-25 00:00:00
Discover Date: 1990-03-28 00:00:00
Enforcement Dt: 1990-06-15 00:00:00
Release Date: 1990-03-28 00:00:00
Review Date: 1998-12-29 00:00:00
Enter Date: 1990-06-15 00:00:00
MTBE Date: 1998-04-14 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 380
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Waste Oil
Contact Person: Not reported
Responsible Party: HERBERT KURLANDER
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 1
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: A
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR157
Qty Leaked: Not reported
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Operator: HERBERT KURLANDER
Water System Name: Not reported
Well Name: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

KURLANDER, HERBERT (Continued)

S101309863

Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: LTR RC'D 8-28-95. RPT RC'D 10-24-95. QRPT 2-15-96. JEF LTR 8-13-96. LTR RC'D
2-19-97. PLAN RC'D 2-20-97. JEF LTR 3-17-97. RPT RC'D 6-17-97. QRPT 11-6-97.
JEF LTR 11-25-97. QRPT 3-10-98. JEF LTR 6-5-98. RPT RC'D 10-27-98. LAM CLOSURE
LTR 11-25-98.

LUST:
Region: 1
Facility ID: 1TSR157
Staff initials: Closed

Cortese:
Region: CORTESE
Facility Addr2: 123 FOURTH STREET

15 FRANCO AMERICAN BAKERY
West 202 W 7TH ST
1/8-1/4 SANTA ROSA, CA 95401
821 ft.

HAZNET U001609207
HIST UST N/A

Relative:
Lower

HAZNET:
Gepaid: CAC002134209
Contact: STEVE BASTONI
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 202 W 7TH ST
Mailing City,St,Zip: SANTA ROSA, CA 954010000
Gen County: Sonoma
TSD EPA ID: CAD009466392
TSD County: 7
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: 0.5
Facility County: Sonoma

Actual:
147 ft.

Gepaid: CAC002134209
Contact: STEVE BASTONI
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 202 W 7TH ST
Mailing City,St,Zip: SANTA ROSA, CA 954010000
Gen County: Sonoma
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Disposal, Other
Tons: 0.2293
Facility County: Sonoma

HIST UST:
Region: STATE
Facility ID: 00000048561

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FRANCO AMERICAN BAKERY (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001609207

Facility Type: Other
Other Type: BAKERY
Total Tanks: 0001
Contact Name: FRANK BASTONI
Telephone: 7075457528
Owner Name: FRANCO AMERICAN BAKERY
Owner Address: 202 WEST 7TH STREET
Owner City,St,Zip: SANTA ROSA, CA 95401

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: None

D16 WESTSIDE ENGINE & MACHINE
SSE 3RD STREET, WEST 12
1/8-1/4 SANTA ROSA, CA
822 ft.

LUST S100878206
N/A

Relative: Site 1 of 2 in cluster D
Higher

LUST:
Region: 1
Actual: Facility ID: 1TSR244
154 ft. Staff Initials: HAZ

E17 DEE JAY SOSA & GLOSS INC.
South 13 W 3RD ST
1/8-1/4 SANTA ROSA, CA 95401
824 ft.

HIST UST U001609187
N/A

Relative: Site 1 of 6 in cluster E
Higher

HIST UST:
Region: STATE
Actual: Facility ID: 00000023564
154 ft. Facility Type: Not reported
Other Type: GLOSS CO.
Total Tanks: 0001
Contact Name: HAROLD E DOUGHTY
Telephone: 7075467344
Owner Name: DEE JAY SOSH & GLOSS INC
Owner Address: 13 WEST 3RD ST
Owner City,St,Zip: SANTA ROSA, CA 95401

Tank Num: 001
Container Num: #1
Year Installed: 1964
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: Not reported
Leak Detection: Stock Inventor

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

D18 SIERRA, DAVID
SSE THIRD STREET, WEST 15
1/8-1/4 SANTA ROSA, CA
830 ft.

LUST S101309860
N/A

Relative: Site 2 of 2 in cluster D
Higher

Actual:
154 ft.

LUST:

Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700720
Stop Date: 1991-10-10 00:00:00
Confirm Leak: 1991-10-10 00:00:00
Workplan: 1996-08-16 00:00:00
Prelim Assess: 1996-08-28 00:00:00
Pollution Char: 1996-10-03 00:00:00
Remed Plan: 1996-10-03 00:00:00
Remed Action: 1996-10-03 00:00:00
Monitoring: 1996-10-03 00:00:00
Close Date: 1996-10-03 00:00:00
Discover Date: 1991-10-10 00:00:00
Enforcement Dt: 1991-10-10 00:00:00
Release Date: 1991-10-10 00:00:00
Review Date: 1996-12-16 00:00:00
Enter Date: 1991-10-10 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: DAVID & GINA SIERRA
RP Address: Not reported
Interim: No
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: C
Cleanup Fund Id: Not reported
Work Suspended: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SIERRA, DAVID (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101309860

Local Case #: Not reported
Case Number: 1TSR273
Qty Leaked: Not reported
Abate Method: No Action Required - incident is minor, requiring no remedial action
Operator: DAVID & GINA SIERRA
Water System Name: Not reported
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: INFO RC'D 10-10-91. JEF LTR 11-4-91, LTR RC'D 3-13-95, JEF LTR 3-2-95. PLAN RC'D 8-16-96, JEF LTR 8-28-96, RPT RC'D 9-25-96. BDK CLOSURE LTR 10-3-96.

LUST:

Region: 1
Facility ID: 1TSR273
Staff Initials: Closed

F19
East
1/8-1/4
846 ft.

WHISTLE STOP ANTIQUES
FOURTH STREET 130
SANTA ROSA, CA

LUST S100236199
N/A

Site 1 of 2 in cluster F

Relative:
Higher

LUST:

Actual:
156 ft.

Region: 1
Facility ID: 1TSR047
Staff Initials: Closed

F20
East
1/8-1/4
846 ft.

WHISTLE STOP ANTIQUES
130 FOURTH STREET
SANTA ROSA, CA 95401

LUST S105026530
Cortese N/A

Site 2 of 2 in cluster F

Relative:
Higher

LUST:

Actual:
156 ft.

Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700570
Stop Date: 1988-04-05 00:00:00
Confirm Leak: 1988-04-11 00:00:00
Workplan: 1996-01-10 00:00:00
Prelim Assess: 1996-01-10 00:00:00
Pollution Char: 1996-01-10 00:00:00
Remed Plan: 1996-01-10 00:00:00
Remed Action: 1996-01-10 00:00:00
Monitoring: 1996-01-10 00:00:00
Close Date: 1996-01-10 00:00:00
Discover Date: 1988-04-05 00:00:00

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WHISTLE STOP ANTIQUES (Continued)

S105026530

Enforcement Dt: 1989-01-27 00:00:00
Release Date: 1988-04-05 00:00:00
Review Date: 1994-09-29 00:00:00
Enter Date: 1988-04-11 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: HARRY B. RICHARDSON
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: C
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR047
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: HARRY B. RICHARDSON
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: CLS LTR 1-27-89, 1-10-90, SAW LTR 2-5-90, LTR RC'D 2-26-90, JEF LTR 7-16-93, MAV LTR 7-5-94, LTR RC'D 7-19-94, BDK CLOSURE LTR 1-10-96.

Cortese:
Region: CORTESE
Facility Addr2: 130 FOURTH STREET

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E21 WESTSIDE ENGINE & MACHINE
South 12 3RD ST W
1/8-1/4 SANTA ROSA, CA 95401
857 ft.

LUST S101305013
Cortese N/A

Relative: Site 2 of 6 in cluster E
Equal

Actual:
153 ft.

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: Not reported
Funding: RDA
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700694
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1993-06-17 00:00:00
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1993-02-09 00:00:00
Enforcement Dt: Not reported
Release Date: 1993-02-09 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: 2003-03-27 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 1
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Preliminary site assessment underway
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: RONALD C. ROSETTI
RP Address: 2282 BECKER BLVD
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: D
MTBE Conc: 1
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: HAZ
Staff Initials: JMB
Lead Agency: Local Agency
Local Agency: 49000L
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WESTSIDE ENGINE & MACHINE (Continued)

S101305013

Local Case #: 00014351
Case Number: 1TSR244
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:

Region: SONOMA
LOP Number: 00014351
Funding Fed / State: Federal
Staff: JB
Regional Board: 1TSR244
Closed or Referred: Not reported
Date: Not reported
Global ID: T0809700694

Cortese:

Region: CORTESE
Facility Addr2: 12 3rd St W

E22 WESTSIDE FOREIGN AUTO INC.
South 12 W 3RD ST
1/8-1/4 SANTA ROSA, CA 95401
857 ft.

HIST UST U001609338
N/A

Relative:
Equal

Site 3 of 6 in cluster E

Actual:
153 ft.

HIST UST:

Region: STATE
Facility ID: 00000050411
Facility Type: Other
Other Type: MACHINE SHOP
Total Tanks: 0002
Contact Name: BOB NICOLAS
Telephone: 7075270794
Owner Name: WESTSIDE FOREIGN AUTO INC.
Owner Address: 12 WEST THIRD ST.
Owner City,St,Zip: SANTA ROSA, CA 95401

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000500

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

WESTSIDE FOREIGN AUTO INC. (Continued)

U001609338

Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Visual

E23 WESTSIDE FOREIGN AUTO
South 12 W 3RD ST
1/8-1/4 SANTA ROSA, CA 95401
857 ft.

RCRA-SQG 1000421034
FINDS CAD982017246
HAZNET

Site 4 of 6 in cluster E

Relative:
Equal

Actual:
153 ft.

RCRA-SQG:

Date form received by agency: 07/05/1991
Facility name: WESTSIDE FOREIGN AUTO
Facility address: 12 W 3RD ST
SANTA ROSA, CA 95401
EPA ID: CAD982017246
Mailing address: W 3RD ST
SANTA ROSA, CA 95401
Contact: DENNY BLASI
Contact address: 12 W 3RD ST
SANTA ROSA, CA 95401
Contact country: US
Contact telephone: (707) 527-0794
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler; generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: WESTSIDE FOREIGN AUTO INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WESTSIDE FOREIGN AUTO (Continued)

1000421034

Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	Unknown
Furnace exemption:	Unknown
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Commercial status unknown

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAD982017246
Contact:	ROBERT NICOLAS
Telephone:	7075456051
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	12 W 3RD ST
Mailing City,St,Zip:	SANTA ROSA, CA 954016154
Gen County:	Sonoma
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Treatment, Tank
Tons:	.2666
Facility County:	Sonoma

Gepaid:	CAD982017246
Contact:	ROBERT NICOLAS
Telephone:	7075456051
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	12 W 3RD ST
Mailing City,St,Zip:	SANTA ROSA, CA 954016154
Gen County:	Sonoma
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Not reported
Tons:	.0708

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

WESTSIDE FOREIGN AUTO (Continued)

1000421034

Facility County: Sonoma

Gepaid: CAD982017246
Contact: ROBERT NICOLAS
Telephone: 7075458051
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 12 W 3RD ST
Mailing City,St,Zip: SANTA ROSA, CA 954016154
Gen County: Sonoma
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: .1042
Facility County: Sonoma

Gepaid: CAD982017246
Contact: --
Telephone: --
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 12 W 3RD ST
Mailing City,St,Zip: SANTA ROSA, CA 954016154
Gen County: Sonoma
TSD EPA ID: Not reported
TSD County: Sacramento
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: 0.4
Facility County: Not reported

Gepaid: CAD982017246
Contact: --
Telephone: --
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 12 W 3RD ST
Mailing City,St,Zip: SANTA ROSA, CA 954016154
Gen County: Sonoma
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Oil/water separation sludge
Disposal Method: Recycler
Tons: 0.22
Facility County: Not reported

Click this hyperlink while viewing on your computer to access
8 additional CA_HAZNET: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E24 WEST SIDE ENGINE & MACHINE
South 12 W 3RD ST
1/8-1/4 SANTA ROSA, CA 95401
857 ft.

CA FID UST S101595284
SWEEPS UST N/A

Site 5 of 6 in cluster E

Relative:
Equal

CA FID UST:

Actual:
153 ft.

Facility ID: 49000445
Regulated By: UTKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075270794
Mail To: Not reported
Mailing Address: 12 W 3RD ST
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95401
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

SWEEPS UST:

Status: Not reported
Comp Number: 14351
Number: Not reported
Board Of Equalization: 44-034557
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 49-000-014351-000001
Actv Date: Not reported
Capacity: 1000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 1

E25 WESTSIDE ENGINE & MACHINE
South 12 WEST 3RD ST
1/8-1/4 SANTA ROSA, CA 95401
857 ft.

UST U004060140
N/A

Relative:
Equal

Site 6 of 6 in cluster E

UST:

Actual:
153 ft.

Local Agency: 49000
Facility ID: 49-000-000436

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site
Database(s)
EDR ID Number
EPA ID Number

G26
ESE
1/8-1/4
878 ft.

LAGARE RESTAURANT
208 WILSON ST
SANTA ROSA, CA 95401

HAZNET
LUST
S105693794
N/A

Relative:
Higher

Site 1 of 5 in cluster G

Actual:
156 ft.

HAZNET:

Gepaid: CAC002558205
Contact: ROGER PRAPLAN
Telephone: 7075284355
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 208 WILSON ST
Mailing City,St,Zip: SANTA ROSA, CA 95401
Gen County: Sonoma
TSD EPA ID: Not reported
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 6.25
Facility County: Not reported

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: Not reported
Funding: MRP
How Discovered: SAS
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global Id: T0609718414
Stop Date: 2002-10-31 00:00:00
Confirm Leak: 2002-09-17 00:00:00
Workplan: 2002-12-04 00:00:00
Prelim Assess: 2007-04-12 00:00:00
Pollution Char: 2007-03-08 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 2002-07-01 00:00:00
Enforcement Dt: 2002-08-28 00:00:00
Release Date: 2002-07-01 00:00:00
Review Date: Not reported
Enter Date: 2002-09-23 00:00:00
MTBE Date: Not reported
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Preliminary site assessment underway
Chemical: Stoddard Solvent
Contact Person: Not reported
Responsible Party: ROGER PRAPLAN / GLADYS PRAPLAN

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAGARE RESTAURANT (Continued)

S105693794

RP Address: 825 SONOMA AVENUE, SUITE C
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: JEF
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: AGR, PROC, IND, MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR402
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: MEETING WITH RP 8-28-02. DATA RC'D 9-17-02.

**G27
ESE
1/8-1/4
891 ft.**

**SRDPW THIRD STREET
THIRD STREET
SANTA ROSA, CA**

**LUST S101305012
N/A**

**Relative:
Higher**

Site 2 of 5 in cluster G

**Actual:
156 ft.**

LUST:
Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: NOV
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700677
Stop Date: 1991-09-19 00:00:00
Confirm Leak: 1991-09-19 00:00:00
Workplan: 1997-07-22 00:00:00
Prelim Assess: 1997-08-18 00:00:00
Pollution Char: 2005-07-08 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1991-09-19 00:00:00
Enforcement Dt: 1991-09-19 00:00:00
Release Date: 1991-09-19 00:00:00
Review Date: 2001-03-27 00:00:00

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SRDPW THIRD STREET (Continued)

S101305012

Enter Date: 1991-09-19 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Pollution Characterization
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: ANDREW ALLEN
RP Address: 69 STONY CIRCLE
Interim: Yes
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: JEF
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR198
Qty Leaked: Not reported
Abate Method: Remove Free Product - remove floating product from water table
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: JEF LTR 9-24-91, 3-2-95, 7-17-95, 8-13-96, 5-22-97. PLAN RC'D 7-22-97. JEF LTR
8-18-97. RPT RC'D 12-17-97. JEF LTR 3-10-99, 8-24-99. LTR RC'D 9-10-99. JEF LTR
3-22-00. LAM LTR 3-26-01. ADDM RC'D 4-13-01. JEF LTR 5-31-1. LTR RC'D 7-11-1.

LUST:

Region: 1
Facility ID: 1TSR198
Staff Initials: JEF

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G28 WESTERN AUTO WRECKERS
ESE 112 3RD
1/8-1/4 SANTA ROSA, CA 95401
933 ft.

ENVIROSTOR S101482599
N/A

Relative: Site 3 of 5 in cluster G
Higher

Actual:
156 ft.

ENVIROSTOR:

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: North Coast
Facility ID: 49500028
Site Code: Not reported
Assembly: 07
Senate: 02
Special Program: * Rural County Survey Program
Status: Refer; RWQCB
Status Date: 1993-10-08 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 38.4366666666667
Longitude: -122.72
Alias Name: 49500028
Alias Type: Envirostor ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: SITE SCREENING DONE POSS ONSITE CONTAMFACILITY IDENTIFIED PHONE DIR
1940
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1988-05-12 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-05-18 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
Past Use: NONE SPECIFIED

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

H29 GRACE PROPERTY
NNW 802 DONAHUE
1/8-1/4 SANTA ROSA, CA 95401
972 ft.

ENVIROSTOR S100236181
N/A

Relative: Site 1 of 3 in cluster H
Lower

Actual: 151 ft.

ENVIROSTOR:

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: North Coast
Facility ID: 49280007
Site Code: Not reported
Assembly: 07
Senate: 02
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 1994-06-08 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 38.439722222222
Longitude: -122.723611111111
Alias Name: 49280007
Alias Type: Envirostor ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: SITE SCREENING DONE UNK PROBLEMFACILITY IDENTIFIED CORTESE LIST
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1988-02-04 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-22 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

H30 GRACE PROPERTY
NNW DONAHUE STREET 802/806
1/8-1/4 SANTA ROSA, CA
972 ft.

LUST S101305020
Cortese N/A

Relative: Site 2 of 3 in cluster H

Lower

LUST:

Actual:
151 ft.

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: SEL
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700530
Stop Date: 1986-05-09 00:00:00
Confirm Leak: 2003-04-23 00:00:00
Workplan: 1990-10-22 00:00:00
Prelim Assess: 2003-04-23 00:00:00
Pollution Char: 2003-04-23 00:00:00
Remed Plan: Not reported
Remed Action: 2005-05-11 00:00:00
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1986-05-09 00:00:00
Enforcement Dt: 1989-06-05 00:00:00
Release Date: 1986-05-09 00:00:00
Review Date: 2001-03-09 00:00:00
Enter Date: 1987-06-24 00:00:00
MTBE Date: 1985-01-01 00:00:00
GW Qualifier: <
Soil Qualifier: Not reported
Max MTBE GW ppb: 5
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Remedial action (cleanup) Underway
Chemical: 12034, 80066
Contact Person: Not reported
Responsible Party: WELLS FARGO BANK, N.A.
RP Address: DEBRA GENOCHIO, ASSET MANAGEMENT DIVISION
Interim: Yes
Oversight Prgm: LUST
MTBE Class: C
MTBE Conc: 1
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: JEF
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GRACE PROPERTY (Continued)

S101305020

Local Case #: Not reported
Case Number: 1TSR004
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: David Aloise
Water System Name: Not reported
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: WP ADD 2-9-99. JEF LTR 3-9-99. RPT RC'D 6-25-99. QRPT RC'D 10-26-99. JEF LTR 12-21-99. LTR RC'D 1-7-00. WKPLN RC'D 2-18-00. SWRCB LTR RC'D 3-23-00. QRPT RC'D 4-6-00. JEF LTR 4-21-00. SWRCB LTR RC'D 7-27-00. QRPT RC'D 8-2-00, 10-10-00, 3-8-01, 7-10-1, 8-30-1. JEF LTR 9-18-1.

LUST:
Region: 1
Facility ID: 1TSR004
Staff Initials: JEF

Cortese:
Region: CORTESE
Facility Addr2: 802/806 DONAHUE STREET

H31 SANTA ROSA ICE & COLD STORAGE
NNW 806 DONAHUE ST
1/8-1/4 SANTA ROSA, CA 95401
972 FL

HAZNET U001609290
HIST UST N/A

Relative: Site 3 of 3 in cluster H
Lower

HAZNET:
Gepaid: CAC002561985
Contact: JOHN WARD
Telephone: 4153963019
Facility Addr2: Not reported
Mailing Name: JOHN WARD
Mailing Address: 420 MONTGOMERY ST 3RD FL
Mailing City, St, Zip: SAN FRANCISCO, CA 94163
Gen County: Sonoma
TSD EPA ID: CAD009466392
TSD County: Sonoma
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: 0.27
Facility County: Sonoma

Actual: 151 ft.
Gepaid: CAC002561985
Contact: JOHN WARD
Telephone: 4153963019
Facility Addr2: Not reported
Mailing Name: JOHN WARD
Mailing Address: 420 MONTGOMERY ST 3RD FL
Mailing City, St, Zip: SAN FRANCISCO, CA 94163
Gen County: Sonoma
TSD EPA ID: CAL000161743
TSD County: Sonoma

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SANTA ROSA ICE & COLD STORAGE (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001609290

Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 1.25
Facility County: Sonoma

HIST UST:

Region: STATE
Facility ID: 00000064518
Facility Type: Other
Other Type: CLOSED
Total Tanks: 0000
Contact Name: Not reported
Telephone: 7075252312
Owner Name: BANK OF AMERICA, NT&SA, AS TRU
Owner Address: PO BOX 3609
Owner City,St,Zip: SANTA ROSA, CA 95402

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: None

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: None

32
South
1/8-1/4
973 ft.

DE PAZ AUTOBODY
77 W 3RD ST
SANTA ROSA, CA 95401

RCRA-SQG 1007569194
CAR000157008

Relative:
Equal

RCRA-SQG:

Date form received by agency: 10/04/2004

Actual:
153 ft.

Facility name: DE PAZ AUTOBODY
Facility address: 77 W 3RD ST
SANTA ROSA, CA 95401
EPA ID: CAR000157008
Mailing address: 928 AUSSIE AVE
SANTA ROSA, CA 95407
Contact: CARLOS A DE PAZ
Contact address: 928 AUSSIE AVE
SANTA ROSA, CA 95407

Contact country: US
Contact telephone: 707-573-9327
Contact email: Not reported
EPA Region: 08
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

DE PAZ AUTOBODY (Continued)

1007569194

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: JUAN MANUEL DE PAZ
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: 10/04/2004
Owner/Op end date: Not reported

Owner/operator name: DANIEL HILTEBRAND
Owner/operator address: 928 AUSSIE AVE
SANTA ROSA, CA 95407
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: District
Owner/Operator Type: Owner
Owner/Op start date: 10/04/2004
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING:

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

DE PAZ AUTOBODY (Continued)

1007569194

TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code:

F002

Waste name:

THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code:

F003

Waste name:

THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code:

F004

Waste name:

THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC ACID, AND NITROBENZENE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code:

F005

Waste name:

THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status:

No violations found

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G33
ESE
1/8-1/4
984 ft.

REDWOOD OIL COMPANY
130 3RD ST
SANTA ROSA, CA 95402

HIST UST
U001609364
N/A

Relative:
Higher

Actual:
156 ft.

Site 4 of 5 in cluster G
HIST UST:
Region: STATE
Facility ID: 00000033686
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0003
Contact Name: PETER VAN ALYEA
Telephone: 4154531222
Owner Name: CITY OF SANTA ROSA
Owner Address: P.O. BOX 1678
Owner City,St,Zip: SANTA ROSA, CA 95402

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: Not reported
Leak Detection: Stock Inventor

G34
ESE
1/8-1/4
984 ft.

THIRD STREET
130 3RD ST
SANTA ROSA, CA 95402

HIST UST
U001609367
N/A

Relative:
Higher

Actual:
156 ft.

Site 5 of 5 in cluster G
HIST UST:
Region: STATE
Facility ID: 00000002695
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0003
Contact Name: Not reported
Telephone: 7075769593
Owner Name: REDWOOD OIL COMPANY, INC

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

THIRD STREET (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001609367

Owner Address: 1320 SECOND STREET
Owner City,St,Zip: SAN RAFAEL, CA 94901

Tank Num: 001
Container Num: 15
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 16
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 17
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: Not reported
Leak Detection: Stock Inventor

35
ESE
1/8-1/4
1003 ft.

REDWOOD OIL, FORMER
130 THIRD STREET, WEST
SANTA ROSA, CA 95401

LUST
Cortese
SLIC

S101305014
N/A

Relative:
Higher

Actual:
156 ft.

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700564
Stop Date: 1987-10-16 00:00:00
Confirm Leak: 1987-11-07 00:00:00
Workplan: 1987-12-14 00:00:00
Prelim Assess: 1988-05-05 00:00:00
Pollution Char: 1991-09-19 00:00:00
Remed Plan: 1999-08-26 00:00:00
Remed Action: 1999-08-26 00:00:00
Monitoring: 1999-08-26 00:00:00
Close Date: 1999-08-26 00:00:00
Discover Date: 1987-10-16 00:00:00
Enforcement Dt: 1999-11-16 00:00:00
Release Date: 1987-10-16 00:00:00

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

REDWOOD OIL, FORMER (Continued)

S101305014

Review Date: 1999-12-09 00:00:00
Enter Date: 1987-11-09 00:00:00
MTBE Date: 1965-01-01 00:00:00
GW Qualifier: <
Soil Qualifier: Not reported
Max MTBE GW ppb: 5
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: PETER VAN ALYEA
RP Address: 50 PROFESSIONAL CENTER DRIVE, SUITE 100
Interim: Yes
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 1
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basln #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR041
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: LOC W/DROWL 6-9-97. DP LTR 3-10-98. SAW LTR 5-27-98. LOP LTR RC'D 6-18-98. JPD LTR 7-10-98. EST 8-19-98. QRPT RC'D 9-30-98. RPT RC'D 2-8-99. LTR RC'D 3-8-99. PLAN RC'D 3-8-99. QRPT RC'D 4-19-99. DP LTR 7-21-99, 7-29-99. LAM LTR 9-13-99. 11-16-99.

Cortese:
Region: CORTESE
Facility Addr2: 130 THIRD STREET, WEST

SLIC:
Region: STATE
Global Id: SL0002012500
Assigned Name: SLICSITE
Lead Agency Contact: REGIONAL WATER BOARD SITE CLOSED
Lead Agency: NORTH COAST RWQCB (REGION 1)

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

REDWOOD OIL, FORMER (Continued)

S101305014

Lead Agency Case Number: 1NSR041
Responsible Party: Not reported
Recent Dtw: Not reported
Substance Released: SUB020
Facility Status: Case Closed

I36 BUEKERS, FRANCIS
North 700 WILSON STREET
1/8-1/4 SANTA ROSA, CA
1021 ft.

LUST S105051075
N/A

Site 1 of 2 in cluster 1

Relative:
Lower

LUST:

Actual:
152 ft.

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609791093
Stop Date: Not reported
Confirm Leak: 2001-04-02 00:00:00
Workplan: 2001-03-16 00:00:00
Prelim Assess: 2001-04-17 00:00:00
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2001-09-06 00:00:00
Discover Date: 2001-01-11 00:00:00
Enforcement Dt: 2001-04-17 00:00:00
Release Date: 2001-02-01 00:00:00
Review Date: Not reported
Enter Date: 2001-04-02 00:00:00
MTBE Date: 1965-01-01 00:00:00
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: 0
Max MTBE Soil ppb: 0
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: FRANCIS G. BUEKERS
RP Address: Not reported
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 2
MTBE Fuel: 1
MTBE Tested: MTBE Detected, Site tested for MTBE and MTBE detected
Staff: ZZZ
Staff Initials: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BUEKERS, FRANCIS (Continued)

EDR ID Number
EPA ID Number

S105051075

Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR376
Qty Leaked: Not reported
Abate Method: Not reported
Operator: FRANCIS G. BUEKERS
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: RPT RC'D 2-1-01. PLAN RC'D 3-16-01. RPT RC'D 4-16-01. JEF LTR 4-17-01. RPT RC'D
7-12-1. LTR RC'D 7-23-1. SAW CLOSURE LTR 9-6-1.

J37
ENE
1/8-1/4
1034 ft.

OCCHIPINTI'S
210 FIFTH STREET
SANTA ROSA, CA

HAZNET S103979808
LUST N/A
Cortese

Site 1 of 5 in cluster J

Relative:
Higher

Actual:
157 ft.

HAZNET:

Gepaid: CAL000074238
Contact: WILLIAM JOCCHIPINTI
Telephone: 7075423823
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 210 5TH ST
Mailing City,St,Zip: SANTA ROSA, CA 954016217
Gen County: Sonoma
TSD EPA ID: CAD982446866
TSD County: Solano
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Tons: .4170
Facility County: Sonoma

Gepaid: CAL000074238
Contact: WILLIAM OCCHIPINTI PRES
Telephone: 7075423823
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 210 5TH ST
Mailing City,St,Zip: SANTA ROSA, CA 954016217
Gen County: Sonoma
TSD EPA ID: Not reported
TSD County: Santa Clara
Waste Category: Oil/water separation sludge
Disposal Method: Transfer Station
Tons: 0.52
Facility County: Not reported

Gepaid: CAL000074238

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

OCCHIPINTI'S (Continued)

S103979808

Contact: WILLIAM JOCCHIPINTI
Telephone: 7075423823
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 210 5TH ST
Mailing City,St,Zip: SANTA ROSA, CA 954016217
Gen County: Sonoma
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: .2919
Facility County: Sonoma

Gepaid: CAL000074238
Contact: WILLIAM JOCCHIPINTI
Telephone: 7075423823
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 210 5TH ST
Mailing City,St,Zip: SANTA ROSA, CA 954016217
Gen County: Sonoma
TSD EPA ID: CAD982446874
TSD County: Yolo
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: .2085
Facility County: Sonoma

Gepaid: CAL000074238
Contact: WILLIAM JOCCHIPINTI
Telephone: 7075423823
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 210 5TH ST
Mailing City,St,Zip: SANTA ROSA, CA 954016217
Gen County: Sonoma
TSD EPA ID: CAD982446866
TSD County: Solano
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Tons: .2085
Facility County: Sonoma

Click this hyperlink while viewing on your computer to access
7 additional CA_HAZNET record(s) in the EDR Site Report.

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: LET
How Discovered: OM
How Stopped: Not reported
Leak Cause: UNK
Leak Source: D,

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

OCCHIPINTI'S (Continued)

5103979808

Global Id: T0609700757
Stop Date: 1998-02-02 00:00:00
Confirm Leak: 1998-05-11 00:00:00
Workplan: 2000-04-18 00:00:00
Prelim Assess: 2000-05-10 00:00:00
Pollution Char: 2007-08-06 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1998-02-02 00:00:00
Enforcement Dt: Not reported
Release Date: 1998-02-02 00:00:00
Review Date: 2001-03-27 00:00:00
Enter Date: 1998-05-11 00:00:00
MTBE Date: 2001-01-01 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 770
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Pollution Characterization
Chemical: 12034, 80066
Contact Person: Not reported
Responsible Party: WALTER PROPERTIES INC.
RP Address: Not reported
Interim: No
Oversight Prgm: LUST
MTBE Class: B
MTBE Conc: 9
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: JEF
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR336
Qty Leaked: Not reported
Abate Method: No Action Required - incident is minor, requiring no remedial action
Operator: WALTER PROPERTIES INC.
Water System Name: HI SEAS MOTEL
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: W0602300750
Waste Disch Assigned Name: 1200750-001
Summary: MEMO 5-6-98, JEF LTR 6-12-98, LAM LTR 11-25-98, JEF LTR 4-1-99, JEF LTR
8-25-99, 9-7-99, WKPLN RC'D 4-18-00, JEF LTR 5-10-00, 10-5-00, WKPLN RC'D
11-22-00, 2-9-01, JEF LTR 3-23-01, FUND LTR RD'D 6-7-1, 7-9-1, FUND NOE RC'D
9-17-1, RPT / PLAN RC'D 10-26-1,

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OCCHIPINTI'S (Continued)

S103979808

Cortese:

Region: CORTESE
Facility Addr2: 210 FIFTH STREET

J38 OCCHIPINTI ONE STOP SERVICE
ENE 210 FIFTH STREET
1/8-1/4 SANTA ROSA, CA 95401
1034 ft.

UST U003783113
N/A

Site 2 of 5 in cluster J

Relative:
Higher

UST:

Local Agency: Santa Rosa, Sonoma County
Facility ID: 49-060-057302

Actual:
157 ft.

J39 OCCHIPINTI'S
ENE FIFTH STREET 210
1/8-1/4 SANTA ROSA, CA
1057 ft.

LUST S104163190
N/A

Site 3 of 5 in cluster J

Relative:
Higher

LUST:

Region: 1
Facility ID: 1TSR336
Staff Initials: JEF

Actual:
157 ft.

I40 KERSTON, PETER G.
North WILSON STREET 726
1/8-1/4 SANTA ROSA, CA
1091 ft.

LUST S101309852
Cortese N/A

Site 2 of 2 in cluster I

Relative:
Lower

LUST:

Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700648
Stop Date: 1990-04-19 00:00:00
Confirm Leak: 1990-05-04 00:00:00
Workplan: 1994-06-03 00:00:00
Prelim Assess: 1994-06-03 00:00:00
Pollution Char: 1994-06-03 00:00:00
Remed Plan: 1994-06-03 00:00:00
Remed Action: 1994-06-03 00:00:00
Monitoring: 1994-06-03 00:00:00
Close Date: 1994-06-03 00:00:00
Discover Date: 1990-04-19 00:00:00
Enforcement Dt: 1990-05-04 00:00:00
Release Date: 1990-04-19 00:00:00

Actual:
152 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

KERSTON, PETER G. (Continued)

S101309852

Review Date: 1994-09-28 00:00:00
Enter Date: 1990-05-04 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Waste Oil
Contact Person: Not reported
Responsible Party: PETER G. KERSTON
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: C
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR151
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: PETER G. KERSTON
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: LTR/P65 RC'D 4-24-90. SAW LTR 5-18-90. SRFD INFO RC'D 6-14-90. ABD LTR 4-7-93, 6-28-93. LTR RC'D 10-22-93. JEF LTR 2-10-94. LTR RC'D 5-6-94. JEF LTR 3-2-94. CRJ LTR 5-10-94, 5-20-94. BDK CLOSURE LTR 6-3-94.

LUST:

Region: 1
Facility ID: 1TSR151
Staff Initials: Closed

Cortese:

Region: CORTESE
Facility Addr2: 726 WILSON STREET

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

K41 REDWOOD OIL, FORMER
SSW THIRD STREET, WEST 130
1/8-1/4 SANTA ROSA, CA
1091 ft.

LUST S104163200
N/A

Site 1 of 2 in cluster K

Relative:
Equal

LUST:

Region: 1
Facility ID: 1TSR041
Staff Initials: Closed

Actual:
153 ft.

L42 MEAD CLARK LUMBER SUPPLY
SE 175 RAILROAD AVENUE
1/8-1/4 SANTA ROSA, CA 95401
1105 ft.

LUST S104539486
N/A

Site 1 of 3 in cluster L

Relative:
Higher

LUST:

Actual:
154 ft.

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: TC
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700540
Stop Date: 1987-08-24 00:00:00
Confirm Leak: 1987-09-30 00:00:00
Workplan: 1986-03-01 00:00:00
Prelim Assess: 1986-09-01 00:00:00
Pollution Char: 1988-08-29 00:00:00
Remed Plan: 1989-01-03 00:00:00
Remed Action: 2005-12-05 00:00:00
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1987-08-24 00:00:00
Enforcement Dt: 1999-09-07 00:00:00
Release Date: 1987-08-24 00:00:00
Review Date: 2001-03-20 00:00:00
Enter Date: 1987-08-24 00:00:00
MTBE Date: 1998-04-14 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 25
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Remedial action (cleanup) Underway
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: JEAN DESTRUDEL
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: C
MTBE Conc: 1
MTBE Fuel: 1

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MEAD CLARK LUMBER SUPPLY (Continued)

S104539486

MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: JEF
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR016
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in
approved site, E, T
Operator: Jean Destruel (Dusty)
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: DATES GUESSED. LOC RC'D 2-3-97. JEF LTR 10-16-97. LTR RC'D 2-9-98. QRPT 4-1-98.
JEF LTR 5-18-98. QRPT 12-15-98. JEF LTR 3-10-99, 9-7-99. LTR RC'D
10-22-99, 6-29-00, 11-20-00. QRPT 3-19-01. LTR RC'D 4-6-01, 4-13-01. JEF LTR
4-17-01. DATA RC'D 8-17-1. FUNDLTR RC'D 8-31-1. LTR RC'D 9-21-1. QRPT 10-18-1.

L43 GRACE BROTHERS STREAMSIDE AREA
SE 171 RAILROAD STREET
1/8-1/4 SANTA ROSA, CA 95401
1122 ft.

SLIC S108433382
N/A

Site 2 of 3 in cluster L

Relative:
Higher

SLIC:

Actual:
154 ft.

Region: STATE
Global Id: SL0002016100
Assigned Name: SLICSITE
Lead Agency Contact: JOAN FLECK
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: 1NSR181
Responsible Party: DAVID GOVIN
Recent Dtw: Not reported
Substance Released: SUB031
Facility Status: Not reported

K44 CITY OF SANTA ROSA PUBLIC WORKS
SSW 130 WEST THIRD STREET
1/8-1/4 SANTA ROSA, CA 95401
1124 ft.

ENVIROSTOR S101482548
N/A

Site 2 of 2 in cluster K

Relative:
Lower

ENVIROSTOR:

Actual:
152 ft.

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CITY OF SANTA ROSA PUBLIC WORKS (Continued)

8101482548

Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: North Coast
Facility ID: 49160001
Site Code: Not reported
Assembly: 07
Senate: 02
Special Program: * Rural County Survey Program
Status: Refer: Other Agency
Status Date: 1994-06-07 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 38.434722222222
Longitude: -122.723888888889
Alias Name: 49160001
Alias Type: Envirostor ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: SITE SCREENING DONE POSS ONSITE CONTAMFACILITY IDENTIFIED SONOMA COUNTY EH LEAK UG TANK
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1988-02-18 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-21 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

L45 GRACE BROTHERS HOTEL
SE 170 RAILROAD STREET
1/8-1/4 SANTA ROSA, CA 95401
1126 ft.

LUST S105181507
N/A

Site 3 of 3 in cluster L

Relative:
Higher

LUST:

Actual:
154 ft.

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700667
Stop Date: 1991-03-21 00:00:00
Confirm Leak: 1994-02-28 00:00:00
Workplan: 2001-02-13 00:00:00
Prelim Assess: 2001-06-25 00:00:00
Pollution Char: 2001-01-01 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1991-03-21 00:00:00
Enforcement Dt: 1991-03-22 00:00:00
Release Date: 1991-03-21 00:00:00
Review Date: 2001-02-16 00:00:00
Enter Date: 1991-03-22 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Preliminary site assessment underway
Chemical: Waste Oil
Contact Person: Not reported
Responsible Party: ANDREW ALLEN
RP Address: 69 STONY CIRCLE
Interim: No
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: JEF
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GRACE BROTHERS HOTEL (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105181507

Local Case #: Not reported
Case Number: 1TSR181
Qty Leaked: Not reported
Abate Method: No Action Required - incident is minor, requiring no remedial action
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: DP LTR 3-25-98, LTR RC'D 6-23-98, LTR RC'D 8-10-98, EST LTR 8-26-98, LTR RC'D 8-27-98, DP LTR 11-12-98, PLAN RC'D 11-17-98, RPT RC'D 7-12-99, JEF LTR 10-26-99, EST LTR 6-26-00, PLAN RC'D 2-13-01, ADDM RC'D 5-14-01, RPT RC'D 5-11-01, JEF LTR 6-25-1,7-9-1.

46
ESE
1/8-1/4
1128 ft.

GRACE BROTHERS HOTEL
2ND / RAILROAD ST
SANTA ROSA, CA

Cortese S105026527
N/A

Relative:
Higher

Cortese:
Region: CORTESE
Facility Addr2: Not reported

Actual:
155 ft.

J47
ENE
1/5-1/4
1140 ft.

WILLIAM J OCCHIPINTI
210 5TH ST
SANTA ROSA, CA 95401

HIST UST U001609340
N/A

Relative:
Higher

Site 4 of 5 in cluster J

HIST UST:
Region: STATE
Facility ID: 00000026908
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0004
Contact Name: Not reported
Telephone: 0000000000
Owner Name: ARCO PETROLEUM PRODUCTS CO.
Owner Address: 515 SOUTH FLOWER STREET
Owner City,St,Zip: LOS ANGELES, CA 90071

Actual:
157 ft.

Tank Num: 001
Container Num: 0000000001
Year Installed: 1977
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: Not reported
Leak Detection: Stock Inventor, 10

Tank Num: 002
Container Num: 0000000002
Year Installed: 1968
Tank Capacity: 00006000
Tank Used for: PRODUCT

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WILLIAM J OCCHIPINTI (Continued)

U001609340

Type of Fuel: 06
Tank Construction: 0000240 inches
Leak Detection: Stock Inventor, 10

Tank Num: 003
Container Num: 0000000003
Year Installed: 1968
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: 0000240 inches
Leak Detection: Stock Inventor, 10

Tank Num: 004
Container Num: 0000000004
Year Installed: 1968
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: 0000240 inches
Leak Detection: Stock Inventor, 10

J48
ENE
1/8-1/4
1140 ft.

OCCHIPINITI ARCO
210 5TH ST
SANTA ROSA, CA 95401

HIST UST U001609259
N/A

Relative:
Higher

Site 5 of 5 in cluster J

Actual:
157 ft.

HIST UST:
Region: STATE
Facility ID: 00000057302
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0004
Contact Name: WILLIAM J. OCCHIPINITI
Telephone: 7075423823
Owner Name: OCCHIPINITI ARCO
Owner Address: 210 5TH ST.
Owner City,St,Zip: SANTA ROSA, CA 95401

Tank Num: 001
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Visual, Pressure Test

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: None

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

OCCHIPINITI ARCO (Continued)

U001609259

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: Not reported
Leak Detection: None

Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: None

49 PETER G KERSTON
North 726 WILSON ST
1/8-1/4 SANTA ROSA, CA 95401
1154 ft.

CA FID UST 8101595270
SWEEPS UST N/A

Relative:
Lower

CA FID UST:

Facility ID: 49000303
Regulated By: UTNKA
Regulated ID: Not reported
Corlese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 1 PADRE PKWY
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95401
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Actual:
152 ft.

SWEEPS UST:

Status: Not reported
Comp Number: 3198
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 48-060-003198-000001
Actv Date: Not reported
Capacity: 550
Tank Use: M.V. FUEL
Stg: PRODUCT

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PETER G KERSTON (Continued)

S101595270

Content: LEADED
Number Of Tanks: 1

Status: A
Comp Number: 3198
Number: 2
Board Of Equalization: Not reported
Ref Date: 04-03-92
Act Date: 04-03-92
Created Date: 04-03-92
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: Not reported
Actv Date: Not reported
Capacity: Not reported
Tank Use: Not reported
Stg: Not reported
Content: Not reported
Number Of Tanks: Not reported

M50 SHELL
East 200 FOURTH STREET
1/8-1/4 SANTA ROSA, CA 95401
1171 ft.

LUST S105051079
N/A

Relative: Site 1 of 2 in cluster M
Higher LUST:

Actual: 158 ft.
Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: MRP
How Discovered: OM
How Stopped: Not reported
Leak Cause: Corrosion
Leak Source: Tank
Global Id: T0809700678
Stop Date: 1991-11-04 00:00:00
Confirm Leak: 1991-11-14 00:00:00
Workplan: 1992-09-15 00:00:00
Prelim Assess: 1992-09-15 00:00:00
Pollution Char: 2003-06-23 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1991-11-04 00:00:00
Enforcement Dt: 1991-11-14 00:00:00
Release Date: 1991-11-04 00:00:00
Review Date: 2001-01-04 00:00:00
Enter Date: 1991-11-14 00:00:00
MTBE Date: 2000-09-11 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 325
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SHELL (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105051079

Reg Board: North Coast Region
Status: Pollution Characterization
Chemical: Misc. Motor Vehicle Fuels
Contact Person: Not reported
Responsible Party: DENIS BROWN
RP Address: 20945 S. WILMINGTON AVE
Interim: Yes
Oversight Prgm: LUST
MTBE Class: B
MTBE Conc: 1
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: JEF
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR202
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: PLAN RC'D 8-27-97. LTR RC'D 11-6-97. JEF LTR 11-12-97. RPT RC'D 10-30-98. QRPT 4-20-99, 10-12-99. JEF LTR 9-7-99. QRPT 12-31-99, 4-3-00. LTR RC'D 4-6-00. QRPT 7-10-00. JLC LTR 9-20-00. QRPT 10-6-00, 1-3-01, 3-30-01. JEF LTR 5-31-1, 6-1-1. QRPT 7-6-1, 10-1-1. RPT RC'D 10-12-1. QRPT 12-10-1.

M51
East
1/8-1/4
1171 ft.

SHELL (FOURTH 200)
FOURTH STREET 200
SANTA ROSA, CA

LUST S101309865
Cortese N/A

Relative:
Higher

Site 2 of 2 in cluster M

Actual:
158 ft.

LUST:
Region: 1
Facility ID: 1TSR202
Staff Initials: JEF

Cortese:
Region: CORTESE
Facility Addr2: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

52 AMERICAN SUN MOTORS CORP
SSW 77 W THIRD ST UNIT B AND C
1/8-1/4 SANTA ROSA, CA 95401
1197 ft.

RCRA-SQG 1000640850
FINDS CAD982485898

Relative:
Lower

RCRA-SQG:

Actual:
151 ft.

Date form received by agency: 08/03/1995
Facility name: AMERICAN SUN MOTORS CORP
Facility address: 77 W THIRD ST UNIT B AND C
SUN PLAZA 77
SANTA ROSA, CA 95401
EPA ID: CAD982485898
Contact: MICHAEL CASUTT
Contact address: 77 W THIRD ST UNIT B AND C SUN PLAZA 77
SANTA ROSA, CA 95401
Contact country: US
Contact telephone: (707) 523-2400
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: AMERICAN SUN MOTORS CORP
Owner/operator address: 77 W THIRD ST
SANTA ROSA, CA 95401
Owner/operator country: Not reported
Owner/operator telephone: (707) 523-2400
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

AMERICAN SUN MOTORS CORP (Continued)

1000840858

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

N53 DOWNEY
SSE 109 CHESTNUT
1/8-1/4 SANTA ROSA, CA 95401
1260 ft.

SLIC S108410413
N/A

Site 1 of 2 in cluster N

Relative:
Higher

SLIC:

Actual:
154 ft.

Region: STATE
Global Id: SL0609715657
Assigned Name: SLICSITE
Lead Agency Contact: JOAN FLECK
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: 1NSR436
Responsible Party: Not reported
Recent Dtw: Not reported
Substance Released: 8006619
Facility Status: Case Open

54 LINCOLN ART CENTER
NNE DAVIS STREET 709
1/8-1/4 SANTA ROSA, CA
1265 ft.

LUST S101300810
Cortese N/A

Relative:
Higher

LUST:

Actual:
154 ft.

Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN ART CENTER (Continued)

S101309810

Global Id: T0609700656
Stop Date: 1990-09-12 00:00:00
Confirm Leak: 1990-09-14 00:00:00
Workplan: 1994-01-24 00:00:00
Prelim Assess: 1994-02-10 00:00:00
Pollution Char: 1994-11-16 00:00:00
Remed Plan: 1994-11-16 00:00:00
Remed Action: 1994-11-16 00:00:00
Monitoring: 1994-11-16 00:00:00
Close Date: 1994-11-16 00:00:00
Discover Date: 1990-09-12 00:00:00
Enforcement Dt: 1990-09-14 00:00:00
Release Date: 1990-09-12 00:00:00
Review Date: 1995-03-22 00:00:00
Enter Date: 1990-09-14 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: LINCOLN ART CENTER
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: C
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR162
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: LINCOLN ART CENTER
Water System Name: HI SEAS MOTEL
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: W0602300750
Waste Disch Assigned Name: 1200750-001
Summary: URF RC'D 1-4-91. NKN LTR 12-31-92. BAR LTR 2-3-93, LTR RC'D 4-15-93, 8-16-93. PLAN RC'D 10-29-93. JEF LTR 11-16-93. ADDM RC'D 1-26-94. JEF LTR 2-10-94, LTR RC'D 5-16-94, 9-26-94. RPT RC'D 10-13-94, LTR RC'D 10-14-94. BDK CLOSURE LTR

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LINCOLN ART CENTER (Continued)

EDR ID Number
EPA ID Number

Database(s)

11-16-94.

S101309810

LUST:

Region: 1
Facility ID: 1TSR162
Staff Initials: Closed

Cortese:

Region: CORTESE
Facility Addr2: 708 DAVIS STREET

55 SRDPW OLD CITY CORP. YARD
NNW DONAHUE STREET 819
1/8-1/4 SANTA ROSA, CA
1292 ft.

LUST S100390005
Cortese N/A

Relative:
Lower

LUST:

Actual:
150 ft.

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700563
Stop Date: 1987-10-16 00:00:00
Confirm Leak: 1987-11-05 00:00:00
Workplan: 1988-10-25 00:00:00
Prelim Assess: 1988-10-25 00:00:00
Pollution Char: 1990-02-16 00:00:00
Remed Plan: 1991-07-12 00:00:00
Remed Action: 1997-06-26 00:00:00
Monitoring: 1997-06-26 00:00:00
Close Date: 1997-06-26 00:00:00
Discover Date: 1987-10-16 00:00:00
Enforcement Dt: 1997-06-26 00:00:00
Release Date: 1987-10-16 00:00:00
Review Date: 1997-09-22 00:00:00
Enter Date: 1987-11-06 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: ANDREW ALLEN
RP Address: 69 STONY CIRCLE
Interim: Yes
Oversight Prgm: LUST
MTBE Class: *

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SRDPW OLD CITY CORP. YARD (Continued)

S100390005

MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR040
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in
approved site, J. T.
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: INFO RC'D 3-12-92. RPT RC'D 3-30-92. LTR RC'D 5-5-92, 6-22-92, 2-17-93. INFO RC'D
8-13-93. JEF LTR 11-23-93. MAV LTR 7-1-94. LTR RC'D 7-29-94, 8-1-94. JEF LTR
1-23-95, 3-18-96. LGR LTR 11-26-96. QRPT 1-14-97. JEF LTR 4-22-97. BDK CLOSURE
LTR 6-26-97.

LUST:
Region: 1
Facility ID: 1TSR040
Staff Initials: Closed

Cortese:
Region: CORTESE
Facility Addr2: Not reported

N56
SSE
1/8-1/4
1298 ft.

DOWNEY PROPERTY
121 CHESTNUT STREET
SANTA ROSA, CA 95401

LUST S106162855
SLIC N/A

Relative:
Equal

Site 2 of 2 in cluster N

Actual:
153 ft.

LUST:
Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: HAZEL STREET
Enf Type: Not reported
Funding: SEL
How Discovered: GWM
How Stopped: Close Tank
Leak Cause: UNK
Leak Source: UNK
Global Id: T0609750801
Stop Date: 1983-05-11 00:00:00
Confirm Leak: 2003-12-24 00:00:00
Workplan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

DOWNEY PROPERTY (Continued)

EDR ID Number
EPA ID Number

Database(s)

S106162855

Prelim Assess: 2005-06-24 00:00:00
Pollution Char: 2004-10-12 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 2003-10-21 00:00:00
Enforcement Dt: Not reported
Release Date: 2003-12-24 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Preliminary site assessment underway
Chemical: 71432, 12034
Contact Person: Not reported
Responsible Party: ROBERT BARBIERI
RP Address: 50 PROFESSIONAL CENTER DRIVE, SUITE 100
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: JEF
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR413
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

SLIC:

Region: STATE
Global Id: SL0609750964
Assigned Name: SLICSITE
Lead Agency Contact: JOAN FLECK
Lead Agency: NORTH COAST RWQCB (REGION 1)

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

DOWNEY PROPERTY (Continued)

S108162855

Lead Agency Case Number: 1NSR413
Responsible Party: ROBERT BARBIERI
Recent Dtw: Not reported
Substance Released: 8006619
Facility Status: Case Open

O57
SSW
1/4-1/2
1347 ft.

CHEVRON #9-4377
214 3RD ST W
SANTA ROSA, CA

LUST S105124639
N/A

Site 1 of 3 in cluster O

Relative:
Lower

LUST:

Actual:
150 ft.

Region: SONOMA
LOP Number: 00002666
Funding Fed / State: Federal
Staff: Not reported
Regional Board: 1TSO376
Closed or Referred: Referred
Date: 2003-11-18 00:00:00
Global ID: T0609700272

O58
SSW
1/4-1/2
1359 ft.

CHEVRON #9-4377
3RD STREET, WEST 214
SANTA ROSA, CA

LUST S101309861
N/A

Site 2 of 3 in cluster O

Relative:
Lower

LUST:

Actual:
150 ft.

Region: 1
Facility ID: 1TSO376
Staff Initials: HAZ

O59
SSW
1/4-1/2
1359 ft.

CHEVRON #9-4377
214 THIRD STREET, WEST
SANTA ROSA, CA

LUST S105027773
Cortese N/A

Site 3 of 3 in cluster O

Relative:
Lower

LUST:

Actual:
150 ft.

Region: STATE
Case Type: Drinking water wells have been affected
Cross Street: Not reported
Enf Type: Not reported
Funding: TA-GEN
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global ID: T0609700272
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1990-10-12 00:00:00
Pollution Char: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON #9-4377 (Continued)

S105027773

Remed Plan: 2004-06-09 00:00:00
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1990-06-22 00:00:00
Enforcement Dt: Not reported
Release Date: 1990-06-29 00:00:00
Review Date: 2002-07-01 00:00:00
Enter Date: Not reported
MTBE Date: 2002-05-20 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 290
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Remediation Plan
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: KAREN STREICH
RP Address: P.O. BOX 6004
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: A
MTBE Conc: 4
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: JEF
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49000L
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 00002666
Case Number: 1TSO376
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

Cortese:
Region: CORTESE
Facility Addr2: 214 THIRD STREET, WEST

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

60 SCWA - 330 HEWETT
West 330 HEWETT STREET
1/4-1/2 SANTA ROSA, CA 0
1395 ft.

LUST S105051101
SLIC N/A

Relative: LUST:
Lower Region: STATE
Case Type: Undefined
Actual: Cross Street: Not reported
145 ft. Enf Type: COSTRE
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609793396
Stop Date: Not reported
Confirm Leak: 1996-07-31 00:00:00
Workplan: 1996-07-11 00:00:00
Prelim Assess: 1996-07-11 00:00:00
Pollution Char: 2001-04-26 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1996-07-31 00:00:00
Enforcement Dt: 1996-07-31 00:00:00
Release Date: 1996-07-31 00:00:00
Review Date: 2001-03-05 00:00:00
Enter Date: 1996-07-31 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Pollution Characterization
Chemical: NA
Contact Person: Not reported
Responsible Party: SCWA
RP Address: P.O. BOX 11628
Interim: No
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: JBL
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 2010006

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SCWA - 330 HEWETT (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105051101

Case Number: 1NSR318
Qty Leaked: Not reported
Abate Method: Unknown - action taken at site is unknown
Operator: SCWA
Water System Name: Not reported
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: PLAN RC'D 1-29-97. RPT RC'D 12-15-97. CC LTR RC'D 2-11-98. LTR RC'D 4-30-99.
RPT RC'D 2-3-00. JLB LTR 5-9-00. LTR RC'D 5-17-00. DATA RC'D 5-17-00. PLNS RC'D
6-23-00. RPT RC'D 2-28-01, 4-19-01. JLB LTR 4-23-01, 4-26-01. LTR RC'D
5-2-01, 5-17-01. DATA RC'D 7-24-1. SAW LTR 9-27-1.

SLIC:

Region: 1
Facility ID: 1NSR318
Staff Initials: JLB

P61 MEMORIAL HOSPITAL
NE A STREET 437
1/4-1/2 SANTA ROSA, CA
1883 ft.

LUST S100467607
Cortese N/A
SWEEPS UST

Relative: Site 1 of 2 in cluster P
Higher

LUST:
Region: STATE
Case Type: Drinking Water Aquifer affected
Actual: Cross Street: Not reported
159 ft. Ent Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700679
Stop Date: 1991-12-19 00:00:00
Confirm Leak: 1991-12-27 00:00:00
Workplan: 1994-09-22 00:00:00
Prelim Assess: 1995-01-19 00:00:00
Pollution Char: 1998-08-11 00:00:00
Remed Plan: 1998-08-11 00:00:00
Remed Action: 1998-08-11 00:00:00
Monitoring: 1998-08-11 00:00:00
Close Date: 1998-08-11 00:00:00
Discover Date: 1991-12-19 00:00:00
Enforcement Dt: 1991-12-27 00:00:00
Release Date: 1991-12-19 00:00:00
Review Date: 1998-12-29 00:00:00
Enter Date: 1991-12-27 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MEMORIAL HOSPITAL (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100467607

Reg Board: North Coast Region
Status: Case Closed
Chemical: Diesel
Contact Person: Not reported
Responsible Party: TOM MINARD
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR203
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: TOM MINARD
Water System Name: HI SEAS MOTEL
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: W0602300750
Waste Disch Assigned Name: 1200750-001
Summary: P65 RC'D 12-19-91. DATA RC'D 6-15-93,7-14-93. RPT RC'D 12-21-93. JEF LTR 2-1094. RPT RC'D 2-17-94. PLAN RC'D 9-22-94. JEF LTR 1-19-95,4-1-96. RPT RC'D 6-26-96. RPT W/CLOSURE RQST RC'D 7-17-96. RPT RC'D 1-23-97. JEF LTR 2-5-97 LAM CLOSURE LTR 8-11-98.

LUST:

Region: 1
Facility ID: 1TSR203
Staff Initials: Closed

Cortese:

Region: CORTESE
Facility Addr2: 437 A STREET

SWEEPS UST:

Status: Not reported
Comp Number: 3459
Number: Not reported
Board Of Equalization: 44-034904
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL (Continued)

S100457607

Swrcb Tank Id: 49-060-003459-000001
Actv Date: Not reported
Capacity: 550
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: LEADED
Number Of Tanks: 1

P62 GRINDALAND ESTATE
NE 400 A STREET, SOUTH
1/4-1/2 SANTA ROSA, CA 95401
1711 ft.

LUST S105790987
N/A

Site 2 of 2 in cluster P

Relative:
Higher

LUST:

Actual:
159 ft.

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: SEBASTOPOL AVENUE
Enf Type: Not reported
Funding: TC
How Discovered: Tank Closure
How Stopped: Close Tank
Leak Cause: Corrosion
Leak Source: Tank
Global Id: T0609708728
Stop Date: 2003-01-03 00:00:00
Confirm Leak: 2003-01-03 00:00:00
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: 2003-05-19 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 2003-01-03 00:00:00
Enforcement Dt: Not reported
Release Date: 2003-01-03 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: =
Soil Qualifier: =
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Pollution Characterization
Chemical: 12034, 80066
Contact Person: Not reported
Responsible Party: MIKE KUNKLE, ADMINISTRATOR
RP Address: 2300 COUNTY CENTER DRIVE, SUITE B100
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GRINDALAND ESTATE (Continued)

EDR ID Number
EPA ID Number

S105790987

Staff: JEF
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR408
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

Q63
South
1/4-1/2
1712 ft.

MC GOWEN AUTO WRECKERS
116 HOLBROOK STREET
SANTA ROSA, CA 95401

ENVIROSTOR S100183344
N/A

Relative:
Lower

Site 1 of 5 in cluster Q

Actual:
152 ft.

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: North Coast
Facility ID: 49500015
Site Code: Not reported
Assembly: 07
Senate: 02
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 1993-10-08 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 38.432777777778
Longitude: -122.722777777778
Alias Name: 49500015
Alias Type: Envirostor ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: SITE SCREENING DONE AUTO DISMANTLER FACILITY IDENTIFIED PHONE DIR 1987
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1988-04-07 00:00:00
Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MC GOWEN AUTO WRECKERS (Continued)

S100183344

Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-22 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

Q64 MCGOWEN AUTO WRECKING (FORMER)
South 112 HOLBROOK
1/4-1/2 SANTA ROSA, CA 95401
1712 ft.

LUST S101689428
SLIC N/A

Relative: Site 2 of 5 in cluster Q
Lower

Actual: LUST:
152 ft. Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609793372
Stop Date: Not reported
Confirm Leak: 1995-08-07 00:00:00
Workplan: 1998-12-16 00:00:00
Prelim Assess: 1998-01-29 00:00:00
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1995-08-07 00:00:00
Enforcement Dt: 1995-08-07 00:00:00
Release Date: 1995-08-07 00:00:00
Review Date: 2000-08-01 00:00:00
Enter Date: 1995-08-07 00:00:00
MTBE Date: 1965-01-01 00:00:00
GW Qualifier: <
Soil Qualifier: <
Max MTBE GW ppb: 5
Max MTBE Soil ppb: 0.05

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MCGOWEN AUTO WRECKING (FORMER) (Continued)

S101669428

County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Preliminary site assessment underway
Chemical: Motor Oil
Contact Person: Not reported
Responsible Party: NAPOLEON MCGOWEN
RP Address: Not reported
Interim: No
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: B
MTBE Conc: 2
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: JBL
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: C
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1NSR299
Qty Leaked: Not reported
Abate Method: No Action Required - incident is minor, requiring no remedial action
Operator: NAPOLEON MCGOWEN
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: LMJ LTR 6-2-95, 9-22-95. ATTY LTR RC'D 9-15-97. DP LTR 10-21-97. JPD LTR
3-17-98. LAM LTR 4-8-98. ATTY LTR 6-30-98, 11-13-98. RPT RC'D 12-18-98. JOB LTR
02-10-99. JLB LTR 9-9-99. ATTY LTR RC'D 10-15-99. LTR RC'D 7-31-00.

SLIC:

Region: 1
Facility ID: 1NSR299
Staff Initials: WTE

Q85 SQUARE DEAL AUTO WRECKING
South 214 ROBERT AVENUE
1/4-1/2 SANTA ROSA, CA 95401
1746 ft.

ENVIROSTOR S101482590
N/A

Relative: Site 3 of 5 in cluster Q

Lower ENVIROSTOR:
Site Type: Historical
Actual: Site Type Detailed: * Historical
152 ft. Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SQUARE DEAL AUTO WRECKING (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101482590

Division Branch: North Coast
Facility ID: 49500005
Site Code: Not reported
Assembly: 07
Senate: 02
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 1993-10-08 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 38.4327777777778
Longitude: -122.7225
Alias Name: 49500005
Alias Type: Envirostor ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: SITE SCREENING DONE AUTO DISMANTLER FACILITY IDENTIFIED POLK DIR 1958
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1988-03-04 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-22 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
Past Use: NONE SPECIFIED

Q66
South
1/4-1/2
1822 ft.

C & D BATTERIES DIV OF ELTRA CORP
265 ROBERTS AVE
SANTA ROSA, CA 95401

Relative:
Lower

Site 4 of 5 in cluster Q

Actual:
152 ft.

CERCLIS:
Site ID: 0901331
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

CERCLIS 1000109846
RCRA-SQG CAD041651027
FINDS
HAZNET
ENVIROSTOR

CERCLIS Site Contact Name(s):

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

C & D BATTERIES DIV OF ELTRA CORP (Continued)

1000109846

Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jeff Inglis
Contact Tel: (415) 972-3095
Contact Title: Site Assessment Manager (SAM)

Contact Name: Dan McMIndes
Contact Tel: (415) 972-3401
Contact Title: Site Assessment Manager (SAM)

CERCLIS Site Alias Name(s):

Alias Name: C & D BATTERIES DIV OF ELTRA CORP
Alias Address: Not reported
CA

Site Description: OCA PER SS PRIORITIZATION DATED 12/96: CHANGE 8/04: NCRWQCB LEAD

CERCLIS Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 08/01/1980
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 09/01/1987
Priority Level: Low

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 06/17/1991
Priority Level: High

RCRA-SQG:

Date form received by agency: 09/01/1996

Facility name: C & D BATTERIES DIV OF ELTRA CORP
Facility address: 265 ROBERTS AVE
SANTA ROSA, CA 95401
EPA ID: CAD041651027
Mailing address: P.O. BOXNINETH 999
SANTA ROSA, CA 95402

Contact: Not reported
Contact address: Not reported
Not reported

Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported

EPA Region: 09

Land type: Facility is not located on Indian land. Additional information is not known.

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

C & D BATTERIES DIV OF ELTRA CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000109846

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: ELTRA CORPORATION
Owner/operator address: P.O. BOX 1013R
CITY NOT REPORTED, NJ 09999
Owner/operator country: Not reported
Owner/operator telephone: (201) 455-3441
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MARKET WHOLESALE GROCERY COMPANY
Owner/operator address: 3440 MENDOCINO AVENUE
SANTA ROSA, CA 95401
Owner/operator country: Not reported
Owner/operator telephone: (707) 526-3350
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground Injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 08/14/1980
Facility name: C & D BATTERIES DIV OF ELTRA CORP
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 11/13/1984
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

C & D BATTERIES DIV OF ELTRA CORP (Continued)

1000109846

Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

HAZNET:

Gepaid: CAD041651027
Contact: MARKET WHOLESALE GROCERY COMPA
Telephone: 7075263350
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P.O. BOX 999
Mailing City,St,Zip: SANTA ROSA, CA 945020000
Gen County: Sonoma
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Disposal, Other
Tons: .4587
Facility County: Sonoma

Gepaid: CAD041651027
Contact: MARKET WHOLESALE GROCERY COMPA
Telephone: 7075263350
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P.O. BOX 999
Mailing City,St,Zip: SANTA ROSA, CA 945020000
Gen County: Sonoma
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Contaminated soil from site clean-ups
Disposal Method: Disposal, Other
Tons: .0075
Facility County: Sonoma

Gepaid: CAD041651027
Contact: MARKET WHOLESALE GROCERY COMPA
Telephone: 7075263350
Facility Addr2: Not reported
Mailing Name: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

C & D BATTERIES DIV OF ELTRA CORP (Continued)

1000109846

Mailing Address: P.O. BOX 999
Mailing City,St,Zip: SANTA ROSA, CA 945020000
Gen County: Sonoma
TSD EPA ID: CAD058484310
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Disposal, Other
Tons: .0000
Facility County: Sonoma

ENVIROSTOR:

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: North Coast
Facility ID: 49360004
Site Code: Not reported
Assembly: 07
Senate: 02
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 1993-09-27 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 38.432222222222
Longitude: -122.7225
Alias Name: CAD041651027
49360004

Alias Type: ELTRA CORP & C & D BATTERIES DIV
EPA Identification Number
Envirostor ID Number
Alternate Name

APN: NONE SPECIFIED

APN Description: Not reported

Comments: Site has been referred to the Regional Water Quality Control Board because additional contamination exists. The site has been "decertified" and the previous cert is considered a removal action. Thirteen (13) cubic yards of contaminated soil removed, as a result of a closure of a surface impoundment under RCRA program. Month and day information for removal action not available. This date was selected because it gives the earliest statute
SITE SCREENING DONE
DHS/PROP65 - SITE CLOSED BUT LETTERS SHOW RUNOFF/SPILLS OCCURRED (NO DATE) FACILITY IDENTIFIED RWQCB COMPLAINT 55-GAL ACID DUMPED of limitations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: De-Certification
Completed Date: 1993-09-27 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 1985-01-01 00:00:00

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

C & D BATTERIES DIV OF ELTRA CORP (Continued)

1000109846

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1980-06-13 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-22 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1985-01-01 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 10193
Potential Description: * UNSPECIFIED ACID SOLUTION
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

Q67 C&D BATTERIES
South 265 ROBERTS AVENUE
1/4-1/2 SANTA ROSA, CA 95401
1822 ft.

LUST S105051205
SLIC N/A

Site 5 of 5 in cluster Q

Relative:
Lower

LUST:

Actual:
152 ft.

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: CR
Funding: SEL
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609793128
Stop Date: Not reported
Confirm Leak: 1988-12-08 00:00:00
Workplan: 1993-08-03 00:00:00
Prelim Assess: 1993-10-05 00:00:00
Pollution Char: 1997-05-06 00:00:00
Remed Plan: 1999-06-09 00:00:00
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1988-12-08 00:00:00

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

C&D BATTERIES (Continued)

S105051205

Enforcement Dt: 1993-03-03 00:00:00
Release Date: 1988-12-08 00:00:00
Review Date: 2000-07-31 00:00:00
Enter Date: 1988-12-08 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Remediation Plan
Chemical: Lead
Contact Person: Not reported
Responsible Party: KEITH BOWERS MS401-29
RP Address: P.O. BOX 52181
Interim: Yes
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: JBL
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 2012400
Case Number: 1NSR079
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: GENE STOKES
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: SITE CLOSED BY DHS 1/29/85. REOPEN 7-1-92. INFO RC'D 5-5-87. LTR RC'D 6-10-87. LMJ LTR 10-31-87. LTR RC'D 2-11-88. RPT RC'D 3-23-88. LTR RC'D 5-26-88. EST LTR 8-19-88. LMJ LTR 12-31-88. PLAN RC'D 6-9-89. RPT RC'D 1-7-00. EST LTR 6-29-00, 7-26-00, 9-18-1.

SLIC:
Region: 1
Facility ID: 1NSR079
Staff Initials: WTE

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

66 SHAMROCK MATERIALS INC
South 285 ROBERTS AVE
1/4-1/2 SANTA ROSA, CA 95402
1887 ft.

Database(s) EDR ID Number
EPA ID Number

RCRA-SQG 1000593502
FINDS CAD982446338
LUST
Cortase
AST

Relative:
Equal

Actual:
153 ft.

RCRA-SQG:

Date form received by agency: 02/28/1991
Facility name: SHAMROCK MATERIALS INC
Facility address: 285 ROBERTS AVE
SANTA ROSA, CA 95402
EPA ID: CAD982446338
Mailing address: P O BOX 8100
SAN RAFAEL, CA 94901
Contact: ENVIRONMENTAL MANAGER
Contact address: 285 ROBERTS AVE
SANTA ROSA, CA 95402
Contact country: US
Contact telephone: (415) 454-9055
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SHAMROCK MATERIALS INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000593502

Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700060
Stop Date: 1987-08-24 00:00:00
Confirm Leak: 1987-09-20 00:00:00
Workplan: 1989-10-18 00:00:00
Prelim Assess: 1989-10-18 00:00:00
Pollution Char: 1995-02-22 00:00:00
Remed Plan: 1996-09-10 00:00:00
Remed Action: 1996-09-10 00:00:00
Monitoring: 1995-08-15 00:00:00
Close Date: 1998-09-04 00:00:00
Discover Date: 1987-08-24 00:00:00
Enforcement Dt: 1997-03-27 00:00:00
Release Date: 1987-08-24 00:00:00
Review Date: 1999-01-12 00:00:00
Enter Date: 1987-08-24 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Gasoline

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SHAMROCK MATERIALS INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000593502

Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: No
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49000L
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 00012510
Case Number: 1TSO087
Qty Leaked: Not reported
Abate Method: No Action Required - incident is minor, requiring no remedial action
Operator: SHAMROCK MATERIALS
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: RPT RC'D 7-13-95. QPRT RC'D 8-15-95, 11-3-95, 5-6-96. DP LTR 5-30-96. RPT RC'D 9-10-96. LTR RC'D 10-10-96. DP LTR 10-30-96. MRPT + CLOSURE REQ RC'D 3-19-97. DP LTR 3-27-97. LOC LTR 6-24-97. LTR W/DATA RC'D 7-21-97. CLOSURE REQ RC'D 7-31-98. CLOSED 9-4-98

LUST:

Region: 1
Facility ID: 1TSO087
Staff Initials: Closed

LUST:

Region: SONOMA
LOP Number: 00012510
Funding Fed / State: Federal
Staff: Not reported
Regional Board: 1TSO087
Closed or Referred: Referred
Date: 1992-07-01 00:00:00
Global ID: T0609700060

Cortese:

Region: CORTESE
Facility Addr2: 285 ROBERTS AVENUE

AST:

Owner: SHAMROCK MATERIALS, INC.
Total Gallons: 10000

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

69
SW
1/4-1/2
1967 ft.

DZ INC, SHELL BULK PLANT
257 DUTTON AVENUE
SANTA ROSA, CA 93582

Notify 65
EMI

S100179624
N/A

Relative:
Lower

Notify 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

Actual:
147 ft.

EMI:

Year: 1987
Carbon Monoxide Emissions Tons/Yr: 49
Air Basin: SF
Facility ID: 844
Air District Name: BA
SIC Code: 5171
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1990
Carbon Monoxide Emissions Tons/Yr: 49
Air Basin: SF
Facility ID: 844
Air District Name: BA
SIC Code: 5171
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6
Reactive Organic Gases Tons/Yr: 6
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

R70
SSW
1/4-1/2
2017 ft.

YELLOW & ROADWAY FREIGHT
DUTTON AVENUE 270
SANTA ROSA, CA

LUST
Cortese

S104164498
N/A

Relative:
Lower

Site 1 of 7 in cluster R

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: Not reported

Actual:
148 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

YELLOW & ROADWAY FREIGHT (Continued)

S104164498

Funding: Not reported
 How Discovered: Not reported
 How Stopped: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Global Id: T0609700182
 Stop Date: Not reported
 Confirm Leak: Not reported
 Workplan: Not reported
 Prelim Assess: 1989-05-04 00:00:00
 Pollution Char: Not reported
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1992-04-15 00:00:00
 Discover Date: 1988-08-08 00:00:00
 Enforcement Dt: Not reported
 Release Date: 1985-01-02 00:00:00
 Review Date: Not reported
 Enter Date: Not reported
 MTBE Date: Not reported
 GW Qualifier: Not reported
 Soil Qualifier: Not reported
 Max MTBE GW ppb: Not reported
 Max MTBE Soil ppb: 0
 County: 49
 Org Name: Not reported
 Reg Board: North Coast Region
 Status: Case Closed
 Chemical: Gasoline
 Contact Person: Not reported
 Responsible Party: JOHN PIFER
 RP Address: 520 S. 52ND ST, SUITE 209
 Interim: Not reported
 Oversight Prgm: LUST
 MTBE Class: *
 MTBE Conc: 1
 MTBE Fuel: 1
 MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
 Staff: ZZZ
 Staff Initials: LCW
 Lead Agency: Local Agency
 Local Agency: 49000L
 Hydr Basin #: SANTA ROSA VALLEY (1
 Beneficial: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: Not reported
 Local Case #: 00001105
 Case Number: 1TSO241
 Qty Leaked: Not reported
 Abate Method: Not reported
 Operator: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

YELLOW & ROADWAY FREIGHT (Continued)

S104184498

Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:

Region: 1
Facility ID: 1TSO241
Staff Initials: Closed

LUST:

Region: SONOMA
LOP Number: 00001105
Funding Fed / State: Federal
Staff: Not reported
Regional Board: 1TSO241
Closed or Referred: Closed
Date: 1992-04-15 00:00:00
Global ID: T0609700182

Cortese:

Region: CORTESE
Facility Addr2: 270 DUTTON AVENUE

R71 SHELL OIL WHOLESALE PLANT
S5W 257 DUTTON
1/4-1/2 SANTA ROSA, CA 95407
2087 ft.

ENVIROSTOR S100183359
N/A

Relative: Site 2 of 7 in cluster R
Lower

Actual: 148 ft.

ENVIROSTOR:

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: North Coast
Facility ID: 49510002
Site Code: Not reported
Assembly: 07
Senate: 02
Special Program: * Rural County Survey Program
Status: Refer. RWQCB
Status Date: 1993-09-27 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 38.4327777777778
Longitude: -122.725833333333
Alias Name: 49510002
Alias Type: Envirostor ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: SITE SCREENING DONE POSS ONSITE CONTAMFACILITY IDENTIFIED RWQCB - COMPLAINT - 2/11/80 - OIL DISCH TO DRAINAGE
Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SHELL OIL WHOLSALE PLANT (Continued)

S100183359

Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1988-04-20 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-05-13 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

R72 DZ PRODUCTS FACILITY
SSW 257 DUTTON
1/4-1/2 SANTA ROSA, CA
2087 ft.

Notify 65 S100179421
Cortese N/A

Site 3 of 7 in cluster R

Relative:
Lower

Actual:
148 ft.

Notify 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

Cortese:
Region: CORTESE
Facility Addr2: Not reported

R73 SHELL, DZ PRODUCTS FACILITY
SSW 257 DUTTON AVENUE
1/4-1/2 SANTA ROSA, CA 95401
2087 ft.

LUST S101316130
N/A

Site 4 of 7 in cluster R

Relative:
Lower

Actual:
148 ft.

LUST:
Region: STATE
Case Type: Drinking water wells have been affected
Cross Street: Not reported
Enf Type: COSTRE
Funding: SEL

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SHELL, DZ PRODUCTS FACILITY (Continued)

S101316130

How Discovered: OM
 How Stopped: Not reported
 Leak Cause: Spill
 Leak Source: Other Source
 Global Id: T0609793187
 Stop Date: Not reported
 Confirm Leak: 1988-11-10 00:00:00
 Workplan: 1990-01-09 00:00:00
 Prelim Assess: 1990-05-11 00:00:00
 Pollution Char: 1992-04-27 00:00:00
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Discover Date: 1988-11-10 00:00:00
 Enforcement Dt: Not reported
 Release Date: 1988-11-10 00:00:00
 Review Date: 2001-01-09 00:00:00
 Enter Date: 1989-06-01 00:00:00
 MTBE Date: 1998-04-14 00:00:00
 GW Qualifier: =
 Soil Qualifier: Not reported
 Max MTBE GW ppb: 6900
 Max MTBE Soil ppb: Not reported
 County: 49
 Org Name: Not reported
 Reg Board: North Coast Region
 Status: Pollution Characterization
 Chemical: Diesel
 Contact Person: Not reported
 Responsible Party: SHELL, DZ PRODUCTS FACILITY
 RP Address: 257 DUTTON AVENUE
 Interim: Yes
 Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
 MTBE Class: A
 MTBE Conc: 2
 MTBE Fuel: 0
 MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
 Staff: JAT
 Staff Initials: Not reported
 Lead Agency: Regional Board
 Local Agency: 49000
 Hydr Basin #: SANTA ROSA VALLEY (1
 Beneficial: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: Not reported
 Local Case #: 2010024
 Case Number: 1NS0268
 Qty Leaked: Not reported
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, ,, GE, ,, Remove Free Product - remove floating product from water table
 Operator: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SHELL, DZ PRODUCTS FACILITY (Continued)

S101316130

Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: MCMINN WELL. URF RC'D 5-18-93. DP LTR 4-29-99. QRPT 6-4-99,7-21-99.LTR RC'D 8-6-99. DP LTR 8-17-99. QRPT 3-6-00,4-5-00. LTR RC'D 5-18-00. QRPT 6-13-00. SWRCB LTR RC'D 6-20-00. EST LTR 7-19-00. QRPT 10-23-00,1-9-01. WTE LTR 6-6-1. QRPT 8-8-1. SAW LTR8-17-1. QRPT 10-29-1. QRPT 1-22-02. QRPT 4-15-02.->...?..->RPTs (2)2-17-05. JAT LTR 3-21-05. [This site is managed as a comingled plume: SEE SHELL SERVICE STATION SITE 255 DUTTON AVENUE; CASE # 1TSO079]

R74 258 DUTTON
SSW 258 DUTTON
1/4-1/2 SANTA ROSA, CA 95407
2090 ft.

Notify 65 S100562417
N/A

Relative: Site 5 of 7 in cluster R
Lower

Actual: 148 ft.
Notify 65:
Date Reported: 19930616
Staff Initials: SAW
Board File Number: 0TZ930001
Facility Type: UNKNOWN
Discharge Date: Not reported
Incident Description: 95407-6805RWQCB SAMPLED DOMESTIC WELL AT 258 DUTTON AND CONFIRMED CONTAMINATION WITH CARBON TETRACHLORIDE.

R75 YELLOW ROADWAY FREIGHT
SSW 270 DUTTON AVENUE
1/4-1/2 SANTA ROSA, CA 95407
2115 ft.

Notify 65 U000067711
N/A

Relative: Site 6 of 7 in cluster R
Lower

Actual: 148 ft.
Notify 65:
Date Reported: 19930126
Staff Initials: SAW
Board File Number: 0TZ930000
Facility Type: UNKNOWN
Discharge Date: Not reported
Incident Description: 95407-6805A SAMPLE COLLECTED FROM A DRINKING WATERWELL WAS FOUND TO CONTAIN CARBON TETRACHLORIDE & CHLOROFORM

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 95407-6805

Date Reported: 19930126
Staff Initials: SAW
Board File Number: 0TZ930000
Facility Type: UNKNOWN
Discharge Date: Not reported
Incident Description: 95407-6805A SAMPLE COLLECTED FROM A DRINKING WATERWELL WAS FOUND TO CONTAIN CARBON TETRACHLORIDE & CHLOROFORM

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

R76 HARRIMANS/DIAMOND LUMBER
SSW 275 DUTTON
1/4-1/2 SANTA ROSA, CA 95407
2122 ft.

HAZNET S100614709
Cortese N/A

Site 7 of 7 in cluster R

Relative:
Lower

HAZNET:

Gepaid: CAL000057826
Contact: SANTA ROSA AIRPORTER
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 6925
Mailing City,St,Zip: SANTA ROSA, CA 954060000
Gen County: Sonoma
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Tons: ,2293
Facility County: Sonoma

Cortese:

Region: CORTESE
Facility Addr2: Not reported

77 24 TENTH STREET PARTNERSHIP
NNW TENTH STREET 24
1/4-1/2 SANTA ROSA, CA
2129 ft.

LUST S102423406
Cortese N/A

Relative:
Lower

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700621
Stop Date: 1989-09-27 00:00:00
Confirm Leak: 1989-09-27 00:00:00
Workplan: 1990-09-17 00:00:00
Prelim Assess: 1990-11-13 00:00:00
Pollution Char: 1996-03-18 00:00:00
Remed Plan: 1994-09-16 00:00:00
Remed Action: 1994-11-17 00:00:00
Monitoring: 1996-10-25 00:00:00
Close Date: 1997-09-16 00:00:00
Discover Date: 1989-09-27 00:00:00
Enforcement Dt: 1989-09-27 00:00:00
Release Date: 1989-09-27 00:00:00
Review Date: 1999-05-11 00:00:00
Enter Date: 1989-10-07 00:00:00
MTBE Date: 1965-01-01 00:00:00
GW Qualifier: <
Soil Qualifier: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

24 TENTH STREET PARTNERSHIP (Continued)

S102423406

Max MTBE GW ppb: 1
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: DENNIS BEACH
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 1
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR110
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in
approved site, ,E, T
Operator: DENNIS BEACH
Water System Name: Not reported
Well Name: Not reported
Distance To List: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: URF/P65 RC'D 9-29-89. LOC RC'D 11-29-94. QRPT 4-28-97. JEF LTR 6-10-97. LTR RC'D
6-11-97. JEF LTR 6-23-97. LTR RC'D 8-11-97, 9-22-97, 9-23-97. JEF LTR
9-16-97, 12-19-97. LTR RC'D 3-4-98. RPT RC'D 10-5-98. JEF LTR 3-10-99.
Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: IEA
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700767
Stop Date: 1997-07-30 00:00:00
Confirm Leak: 1999-05-28 00:00:00
Workplan: 2002-12-11 00:00:00
Prelim Assess: 2003-03-01 00:00:00
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

24 TENTH STREET PARTNERSHIP (Continued)

\$102423406

Monitoring: Not reported
Close Date: 2005-03-09 00:00:00
Discover Date: 1997-07-30 00:00:00
Enforcement Dt: 1985-01-01 00:00:00
Release Date: 1997-07-30 00:00:00
Review Date: 2001-02-06 00:00:00
Enter Date: 1999-05-28 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: NA
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49000
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR355
Qty Leaked: Not reported
Abate Method: Not reported
Operator: SONOMA COUNTY 10TH STREET CORP
Water System Name: BOULEVARD HEIGHTS MUT WATER
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: W0608701071
Waste Disch Assigned Name: 4901071-002
Summary: LTR RC'D 6-22-99. RPT RC'D 7-12-00. JEF LTR 8-2-00. LTR RC'D 9-11-00. JEF LTR
2-6-01. RPT RC'D 6-25-1. JEF LTR 7-20-1.

LUST:
Region: 1
Facility ID: 1TSR110
Staff Initials: Closed

Cortese:
Region: CORTESE
Facility Addr2: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

S78 ALLEFAX
SSE SEBASTOPOL ROAD 1
1/4-1/2 SANTA ROSA, CA
2208 ft.

LUST S103393094
Cortese N/A

Site 1 of 4 in cluster 5

Relative:
Lower

LUST:

Region: 1

Actual:
152 ft. Facility ID: 1TSR342
Staff Initials: WTE

Cortese:

Region: CORTESE

Facility Addr2: 1 SEBASTOPOL ROAD

S79 ALLEFAX
SSE 1 SEBASTOPOL AVENUE
1/4-1/2 SANTA ROSA, CA 95407
2216 ft.

LUST S106183585
N/A

Site 2 of 4 in cluster 5

Relative:
Lower

LUST:

Region: STATE

Actual:
152 ft. Case Type: Drinking Water Aquifer affected
Cross Street: Not reported

Enf Type: R

Funding: LET

How Discovered: OM

How Stopped: Not reported

Leak Cause: Not reported

Leak Source: Not reported

Global Id: T0609700760

Stop Date: 1998-09-09 00:00:00

Confirm Leak: 1998-09-16 00:00:00

Workplan: 2000-03-30 00:00:00

Prelim Assess: 2001-01-05 00:00:00

Pollution Char: Not reported

Remed Plan: Not reported

Remed Action: Not reported

Monitoring: Not reported

Close Date: Not reported

Discover Date: 1998-09-09 00:00:00

Enforcement Dt: Not reported

Release Date: 1998-09-09 00:00:00

Review Date: 2001-03-14 00:00:00

Enter Date: 1998-09-16 00:00:00

MTBE Date: 2001-04-10 00:00:00

GW Qualifier: =

Soil Qualifier: <

Max MTBE GW ppb: 1.18

Max MTBE Soil ppb: 5

County: 49

Org Name: Not reported

Reg Board: North Coast Region

Status: Preliminary site assessment underway

Chemical: Unleaded Gasoline

Contact Person: Not reported

Responsible Party: ALLEFAX C/O ALADDIN MORTGAGE

RP Address: 1053 COLLEGE AVE

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ALLEFAX (Continued)

EDR ID Number
EPA ID Number

Database(s)

S106163585

Interim: No
Oversight Prgm: LUST
MTBE Class: D
MTBE Conc: 2
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: JAT
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: AGR, PROC, IND, MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR342
Qty Leaked: Not reported
Abate Method: No Action Required - incident is minor, requiring no remedial action
Operator: ALLEFAX C/O ALADDIN MORTGAGE
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: URF/P65 RC'D 9-11-98. LTR RC'D 8-30-00. WTE LTR 9-5-00, 9-20-00. FAX RCD
9-29-00. SWRCB LTR 10-6-00. LAM LTR 11-9-00. FAX LTR RC'D 11-15-00. SWRCB LTR
RC'D 11-21-00. LAM LTR 1-5-01. SWRCB LTR RC'D 1-22-01, 3-14-01. RPT RC'D 4-2-01.
LTR RC'D 5-7-01. ...->??->...LTR 12-13-04. WP ADDNDM 2-11-05. JAT LTR 3-1-05.
RPT & WPLAN 4-18-05. WPLAN 4-29-05. RPT 6-17-05. JAT LTR 7-13-05. WPLAN
7-29-05. JAT LTR 8-26-05. RPT 9-9-05. ADDNDM 10-20-05. JAT LTR 10-27-05. RPT
12-21-05. 1-6-06. JAT LTR 3-13-06. RPT 7-27-06. IRAP 7-28-06. ADDNDM 8-16-06.
JAT LTR 9-28-06. Rpt 10-10-06, 1-9-07.

S80 FORMER POINT ST. GEORGE FISHERIES
SSE 8 SEBASTOPOL ROAD
1/4-1/2 SANTA ROSA, CA 95407
2217 ft.

VCP S107027328
ENVIROSTOR N/A

Relative: Site 3 of 4 in cluster S

Lower VCP:
Facility ID: 49200002
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Acres: Not reported
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP, RWQCB 1 - North Coast
Lead Agency: RWQCB 1 - North Coast
Lead Agency Description: Not reported
Project Manager: JANET NAITO
Supervisor: Barbara Cook
Division Branch: North Coast
Site Code: 201368
Assembly: 07
Senate: 02
Special Programs Code: Voluntary Cleanup Program
Status: Refer: RWQCB
Status Date: 2003-01-31 00:00:00
Actual: 152 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FORMER POINT ST. GEORGE FISHERIES (Continued)

S107027328

Restricted Use: NO
Funding: Responsible Party
Lat/Long: 38.431561111111 / -122.72130277778
Alias Name: POINT ST. GEORGE FISHERIES
49200002
201368
Alias Type: Project Code (Site Code)
Envirostor ID Number
Alternate Name
APN: NONE SPECIFIED
APN Description: Not reported
Comments: Signed VCA to oversee risk assessment phase.Sent letter to Water Board finding risk assessment acceptable for use and recommended additional response actions.
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Consultation
Completed Date: 2003-01-09 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Clean-up Agreement
Completed Date: 2001-02-23 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1988-02-23 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-25 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 30025, 30195
Potential Description: TPH-gas
Potential Description: 1,2-Dichloroethylene (cls)
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: MANUFACTURING - OTHER

ENVIROSTOR:

Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: Not reported
NPL: NO
Regulatory Agencies: SMBRP, RWQCB 1 - North Coast
Lead Agency: RWQCB 1 - North Coast

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FORMER POINT ST. GEORGE FISHERIES (Continued)

S107027328

Program Manager: JANET NAITO
Supervisor: Barbara Cook
Division Branch: North Coast
Facility ID: 49200002
Site Code: 201368
Assembly: 07
Senate: 02
Special Program: Voluntary Cleanup Program
Status: Refer: RWQCB
Status Date: 2003-01-31 00:00:00
Restricted Use: NO
Funding: Responsible Party
Latitude: 38.4315811111111
Longitude: -122.721302777778
Alias Name: POINT ST. GEORGE FISHERIES
49200002
201368
Alias Type: Project Code (Site Code)
Envirostor ID Number
Alternate Name
APN: NONE SPECIFIED
APN Description: Not reported
Comments: Signed VCA to oversee risk assessment phase.Sent letter to Water Board finding risk assessment acceptable for use and recommended additional response actions.
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Consultation
Completed Date: 2003-01-09 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Clean-up Agreement
Completed Date: 2001-02-23 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1988-02-23 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-25 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 30025, 30195
Potential Description: TPH-gas
Potential Description: 1,2-Dichloroethylene (cis)
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FORMER POINT ST. GEORGE FISHERIES (Continued)

S107027325

Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: MANUFACTURING - OTHER

81 GREYHOUND BUS DEPOT (FORMER)
ENE B STREET 416
1/4-1/2 SANTA ROSA, CA
2237 ft.

LUST S102627674
Corlese N/A

Relative: LUST:
Higher
Actual: 162 ft.
Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: IEA
How Discovered: OM
How Stopped: Not reported
Leak Cause: Corrosion
Leak Source: Tank
Global Id: T0609700749
Stop Date: 1996-12-10 00:00:00
Confirm Leak: 1997-03-26 00:00:00
Workplan: 1998-05-12 00:00:00
Prelim Assess: 1998-05-26 00:00:00
Pollution Char: 2000-06-12 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1996-12-10 00:00:00
Enforcement Dt: 1965-01-01 00:00:00
Release Date: 1996-12-10 00:00:00
Review Date: 2000-11-02 00:00:00
Enter Date: 1997-03-26 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Pollution Characterization
Chemical: Diesel
Contact Person: Not reported
Responsible Party: GREYHOUND
RP Address: Not reported
Interim: No
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: JEF
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

GREYHOUND BUS DEPOT (FORMER) (Continued)

S102627674

Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR322
Qty Leaked: Not reported
Abate Method: No Action Required - Incident is minor, requiring no remedial action
Operator: GREYHOUND
Water System Name: HI SEAS MOTEL
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: W0602300750
Waste Disch Assigned Name: 1200750-001
Summary: JEF LTR 4-13-98. PLAN RC'D 5-12-98. JEF LTR 5-26-98. LTR RC'D 6-22-98. RPT RC'D 9-15-98. JEF LTR 10-15-98. JEF LTR 9-8-99. LTR RC'D 12-20-99. TBD LTR 1-20-00. RPT RC'D 3-14-00. 4-27-00. JEF LTR 6-12-00. PLAN RC'D 9-1-00, 10-31-00, 11-2-00. LTR RC'D 5-14-01, 12-7-1.

LUST:

Region: 1
Facility ID: 1TSR322
Staff Initials: JEF

Cortese:

Region: CORTESE
Facility Addr2: Not reported

S82
SSE
1/4-1/2
2261 ft.

POINT ST. GEORGE FISHERIES
SEBASTOPOL AVENUE 8
SANTA ROSA, CA

Relative:
Lower

Site 4 of 4 in cluster S

Actual:
152 ft.

HAZNET:
Gepaid: CAD095655825
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 8 SEBASTOPOL AVE
Mailing City, St, Zip: SANTA ROSA, CA 954010000
Gen County: Sonoma
TSD EPA ID: CAD083166728
TSD County: Stanislaus
Waste Category: Unspecified oil-containing waste
Disposal Method: Not reported
Tons: 1.5846
Facility County: Sonoma

Gepaid: CAD095655825
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported

HAZNET
LUST
Cortese
SLIC
CA FID UST
HIST UST
SWEEPS UST

1000321786
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

POINT ST. GEORGE FISHERIES (Continued)

1000321786

Mailing Address: 8 SEBASTOPOL AVE
Mailing City,St,Zip: SANTA ROSA, CA 954010000
Gen County: Sonoma
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: 0.1668
Facility County: Sonoma

Gepaid: CAD095655825
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 8 SEBASTOPOL AVE
Mailing City,St,Zip: SANTA ROSA, CA 954010000
Gen County: Sonoma
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: 1.1425
Facility County: Sonoma

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: SEL
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700542
Stop Date: 1987-08-24 00:00:00
Confirm Leak: 1987-09-23 00:00:00
Workplan: 1987-04-01 00:00:00
Prelim Assess: 2005-06-08 00:00:00
Pollution Char: 2000-12-12 00:00:00
Remed Plan: Not reported
Remed Action: 2003-04-08 00:00:00
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1987-08-24 00:00:00
Enforcement Dt: 2000-11-17 00:00:00
Release Date: 1987-08-24 00:00:00
Review Date: 2001-03-27 00:00:00
Enter Date: 1987-08-24 00:00:00
MTBE Date: 1998-08-19 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 4.6
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

POINT ST. GEORGE FISHERIES (Continued)

1000321786

Reg Board: North Coast Region
Status: Preliminary site assessment underway
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: EUGENE BUGATTO
RP Address: P.O. BOX 2028
Interim: Yes
Oversight Prgm: LUST
MTBE Class: D
MTBE Conc: 1
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: JAT
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: AGR, PROC, IND, MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR019
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: DATES GUESSED. P65/URF RC'D 1-7-94. QRPT 3-9-01. LTR RC'D 3-26-01. CLOSURE RQST RC'D 3-28-01. LTR RC'D 4-6-01, 4-9-01. WTE LTR 4-13-01. LTR RC'D 4-16-01. ADDM RC'D 4-16-01. WTE LTR 4-27-01. QRPT 5-23-01. WTE LTR 6-6-01. LTR RC'D 6-13-01. QRPT 7-25-01. SAW LTR 8-17-01. WLE RC'D 9-13-01. WP RC'D 9-28-01. LTR RC'D 10-23-01. FAX RC'D 10-30-01. GWE RC'D 11-2-01. GWE RC'D 12-18-01. MRPT 1/7/02. GWE RC'D 1-22-02. DRAFT HRA WP RC'D 2-12-02. WTE LTR 2-26-02. FAX RC'D 3-4-02. PLAN RC'D 3-7-02. QRPT 4-8-02. MRPT 4-19-02. ...->?-> ...LTR 12-13-04. JAT LTR 1-27-05, 2-4-05. WPLAN 3-9-05. ADDNDM 4-8-05. JAT LTR 4-19-05. WPLAN 4-20-05. RPT 5-31-05. JAT LTR 6-13-05. LTR 6-10-05. ADDNDM 6-14-05. LTR 6-27-05. RPT 7-29-05, 8-17-05, 11-22-05. JAT LTR 11-30-05. WPLAN 2-14-06. JAT LTR 2-28-06. CostEst LTR 6-20-06. RPT 8-14-06. JAT LTR 8-25-06. LTR 9-15-06, 12-13-06. RPT 6-4-07, 6-5-07. CR-EST LTR 6-22-07.
Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: RB
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609791311
Stop Date: Not reported
Confirm Leak: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

POINT ST. GEORGE FISHERIES (Continued)

1000321786

Workplan: 1987-04-01 00:00:00
Prelim Assess: 1987-06-01 00:00:00
Pollution Char: 2001-02-14 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1987-09-23 00:00:00
Enforcement Dt: Not reported
Release Date: 1987-09-23 00:00:00
Review Date: 2000-12-01 00:00:00
Enter Date: 1987-01-01 00:00:00
MTBE Date: 1965-01-01 00:00:00
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: 0
Max MTBE Soil ppb: 0
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Pollution Characterization
Chemical: Waste Oil
Contact Person: Not reported
Responsible Party: EUGENE BUGATTO
RP Address: P.O. BOX 2028
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: D
MTBE Conc: 2
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: JAT
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 2017800
Case Number: 1NSR019
Qty Leaked: Not reported
Abate Method: Not reported
Operator: POINT ST GEORGE FISHERIES
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:

Region: 1
Facility ID: 1TSR019
Staff Initials: WTE

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

POINT ST. GEORGE FISHERIES (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000321786

Cortese:

Region: CORTESE
Facility Addr2: Not reported

SLIC:

Region: 1
Facility ID: 1NSR019
Staff Initials: WTE

CA FID UST:

Facility ID: 49000096
Regulated By: UTKA
Regulated ID: 00030986
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075429490
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95401
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: 00000030986
Facility Type: Other
Other Type: SEAFOOD PROCESSING
Total Tanks: 0002
Contact Name: TONY DELIMA
Telephone: 7075429490
Owner Name: ROBERT J. BUGATTO
Owner Address: P.O. BOX 2028
Owner City,St,Zip: SAN FRANCISCO, CA

Tank Num: 001
Container Num: 1
Year Installed: 1980
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1980
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

POINT ST. GEORGE FISHERIES (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000321786

Tank Construction: Not reported
Leak Detection: Stock Inventor

SWEEPS UST:

Status: A
Comp Number: 30986
Number: 9
Board Of Equalization: 44-028249
Ref Date: 07-01-85
Act Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 49-060-030986-000001
Actv Date: 07-01-85
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 2

Status: A
Comp Number: 30986
Number: 9
Board Of Equalization: 44-028249
Ref Date: 07-01-85
Act Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 2
Swrcb Tank Id: 49-060-030986-000002
Actv Date: 07-01-85
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: Not reported

T03
NNW
1/4-1/2
2269 ft.

FRITSCH, LEE, GARY & EERRY
MAXWELL COURT 29
SANTA ROSA, CA

LUST S101309818
Cortese N/A

Site 1 of 5 in cluster T

Relative:
Lower

Actual:
147 ft.

LUST:
Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700689
Stop Date: 1992-05-27 00:00:00
Confirm Leak: 1992-06-26 00:00:00

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FRITSCH, LEE, GARY & ERRY (Continued)

S101309818

Workplan: 1993-09-20 00:00:00
Prelim Assess: 1993-10-21 00:00:00
Pollution Char: 1986-07-22 00:00:00
Remed Plan: 1999-06-28 00:00:00
Remed Action: 1999-07-22 00:00:00
Monitoring: 1999-04-05 00:00:00
Close Date: 2001-01-29 00:00:00
Discover Date: 1992-05-27 00:00:00
Enforcement Dt: 1992-06-26 00:00:00
Release Date: 1992-05-27 00:00:00
Review Date: 2001-02-08 00:00:00
Enter Date: 1992-06-26 00:00:00
MTBE Date: 1965-01-01 00:00:00
GW Qualifier: <
Soil Qualifier: Not reported
Max MTBE GW ppb: 2.5
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Diesel
Contact Person: Not reported
Responsible Party: LEE, GARY & JERRY FRITSCH
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 1
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: C
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR216
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: LEE, GARY & JERRY FRITSCH
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: P65 RC'D 5-27-92. LTR RC'D 9-26-96,11-13-96. JEF LTR 1-22-98,2-27-98. RPT RC'D 5-15-98. JEF LTR 6-17-98. RPT RC'D 2-23-99. QRPT RC'D 4-5-99. LTR RC'D 9-28-99. JEF LTR 9-8-99. LTR RPT RC'D 10-29-99. JEF LTR 7-5-00. LTR RC'D 11-21-00. LAM CLOS LTR 2-7-01

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FRITSCH, LEE, GARY & ERRY (Continued)

S101309818

LUST:

Region: 1
Facility ID: 1TSR216
Staff Initials: Closed

Cortese:

Region: CORTESE
Facility Addr2: Not reported

84 ZEDRICK, DAVE
South SEBASTOPOL AVENUE 111
1/4-1/2 SANTA ROSA, CA
2292 ft.

LUST S101309842
Cortese N/A

Relative:
Lower

Actual:
151 ft.

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700037
Stop Date: 1987-09-21 00:00:00
Confirm Leak: 1987-09-21 00:00:00
Workplan: 1986-11-27 00:00:00
Prelim Assess: 1986-11-03 00:00:00
Pollution Char: 1989-12-29 00:00:00
Remed Plan: 1989-12-11 00:00:00
Remed Action: 1989-12-29 00:00:00
Monitoring: 2000-01-06 00:00:00
Close Date: 2000-01-06 00:00:00
Discover Date: 1987-09-21 00:00:00
Enforcement Dt: 2000-01-06 00:00:00
Release Date: 1987-09-21 00:00:00
Review Date: 2000-01-06 00:00:00
Enter Date: 1987-08-24 00:00:00
MTBE Date: 1965-01-01 00:00:00
GW Qualifier: <
Soil Qualifier: Not reported
Max MTBE GW ppb: 50
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 1
MTBE Fuel: 1

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ZEDRICK, DAVE (Continued)

S101309842

MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49000
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSO058
Qty Leaked: Not reported
Abate Method: Enhanced Biodegradation - use of any available technology to promote
bacterial decomposition of contaminants, ,G, T
Operator: DAVE ZEDRICK
Water System Name: Not reported
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: QRPT RC'D 5-24-96. DP LTR 6-5-96. QRPT RC'D 11-21-96. DP LTR 1-21-97. QRPT RC'D
1-17-97, 4-8-97. DP LTR 4-30-97. LTR RC'D 8-8-97, DP LTR 9-2-97. LTR RC'D
10-21-97. DP LTR 11-20-97. WKPLN RC'D 11-24-99. RPT RC'D 12-28-99. LAM CLOSURE
LTR 1-6-00.

LUST:
Region: 1
Facility ID: 1TSO058
Staff Initials: Closed

Cortese:
Region: CORTESE
Facility Addr2: 111 SEBASTOPOL AVENUE

T85
NNW
1/4-1/2
2293 ft.

ALHAMBRA NATIONAL WATER CO.
MAXWELL COURT 37
SANTA ROSA, CA

LUST S104164033
Cortese N/A

Relative:
Lower

Site 2 of 5 in cluster T

Actual:
147 ft.

LUST:
Region: 1
Facility ID: 1TSR015
Staff Initials: Closed

Cortese:
Region: CORTESE
Facility Addr2: Not reported

Region: CORTESE
Facility Addr2: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T86
NNW
1/4-1/2
2299 ft.

FRITSCH INVESTMENT CORP
MAXWELL COURT 39
SANTA ROSA, CA

LUST
Cortese
S102430477
N/A

Site 3 of 5 in cluster T

Relative:
Lower

Actual:
147 ft.

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: IEA
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700740
Stop Date: 1995-06-14 00:00:00
Confirm Leak: 1995-09-12 00:00:00
Workplan: 1995-11-27 00:00:00
Prelim Assess: 1995-12-20 00:00:00
Pollution Char: 1997-02-26 00:00:00
Remed Plan: 1997-02-26 00:00:00
Remed Action: 1997-02-26 00:00:00
Monitoring: 1997-02-26 00:00:00
Close Date: 1997-02-26 00:00:00
Discover Date: 1995-06-14 00:00:00
Enforcement Dt: 1965-01-01 00:00:00
Release Date: 1995-06-14 00:00:00
Review Date: 1997-03-17 00:00:00
Enter Date: 1995-09-20 00:00:00
MTBE Date: 1965-01-01 00:00:00
GW Qualifier: <
Soil Qualifier: <
Max MTBE GW ppb: 40
Max MTBE Soil ppb: 0.02
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: FRITSCH INVESTMENT CORPORATION
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 2
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FRITSCH INVESTMENT CORP (Continued)

S102430477

Local Case #: Not reported
Case Number: 1TSR304
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: FRITSCH INVESTMENT CORPORATION
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: LTR/DATA RC'D 9-11-95. JEF LTR 7-10-95. LTR RC'D 10-23-95. PLAN RC'D 11-27-95. URF RC'D 11-28-95. JEF LTR 12-20-95. LTR RC'D 2-16-96. JEF LTR 4-26-96. RPT RC'D 5-17-96. LOC RC'D 1-6-97. LTR RC'D 2-18-97. BDK CLOSURE LTR 2-26-97.

LUST:

Region: 1
Facility ID: 1TSR304
Staff Initials: Closed

Cortese:

Region: CORTESE
Facility Addr2: 39 MAXWELL COURT

87 SONOMA COUNTY GOVERNMENT BUILDING SITE
South SEBASTOPOL ROAD / ROBERTS AVENUE
1/4-1/2 SANTA ROSA, CA 95401
2299 ft.

LUST S105051080
SLIC N/A

Relative:
Lower

LUST:

Actual:
150 ft.

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: CLOS
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609791105
Stop Date: Not reported
Confirm Leak: 2001-04-27 00:00:00
Workplan: 2001-03-28 00:00:00
Prelim Assess: 2001-04-27 00:00:00
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2006-05-08 00:00:00
Discover Date: 2000-04-04 00:00:00
Enforcement Dt: 1985-01-01 00:00:00
Release Date: 2000-04-04 00:00:00
Review Date: Not reported
Enter Date: 2001-04-27 00:00:00
MTBE Date: 1985-01-01 00:00:00
GW Qualifier: Not reported
Soil Qualifier: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SONOMA COUNTY GOVERNMENT BUILDING SITE (Continued)

S105051080

Max MTBE GW ppb: 0
Max MTBE Soil ppb: 0
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Solvents
Contact Person: Not reported
Responsible Party: JONES LANG LASALL, PROJ & DEV SVCS
RP Address: ONE FRONT STREET, SUITE 300
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: Not reported
MTBE Conc: 2
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49000
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1NSO782
Qty Leaked: Not reported
Abate Method: Not reported
Operator: VARIOUS
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: SEE MCMINN FILE. RPT RC'D 10-4-00. PLAN RC'D 3-28-01. WTE LTR 4-27-01. WTE LTR 12-21-01.

SLIC:
Region: 1
Facility ID: 1NSO782
Staff Initials: WTE

88
ENE
1/4-1/2
2306 ft.
HOFFMAN, FRANK
PLD COURT HOUSE SQUARE 37
SANTA ROSA, CA

Notify 65 S100179828
LUST N/A

Relative:
Higher: Notify 65:
Date Reported: Not reported
Staff Initials: Not reported
Actual: Board File Number: Not reported
163 ft. Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 95401

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

HOFFMAN, FRANK (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100179828

LUST:

Region: 1
Facility ID: 1TSR144
Staff Initials: JEF

89
ESE
1/4-1/2
2312 ft.
HIRSCH, PHIL
A STREET, SOUTH 230
SANTA ROSA, CA

LUST
Cortese
SLIC
S101309789
N/A

Relative:
Higher

LUST:

Actual:
156 ft.

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: SEL
How Discovered: OM
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global Id: T0609700702
Stop Date: 1987-04-01 00:00:00
Confirm Leak: 1990-02-02 00:00:00
Workplan: 1990-05-08 00:00:00
Prelim Assess: 1990-06-06 00:00:00
Pollution Char: 2005-06-16 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1987-04-01 00:00:00
Enforcement Dt: 1990-02-02 00:00:00
Release Date: 2005-06-13 00:00:00
Review Date: 2001-01-10 00:00:00
Enter Date: 1990-02-10 00:00:00
MTBE Date: 1965-01-01 00:00:00
GW Qualifier: <
Soil Qualifier: Not reported
Max MTBE GW ppb: 5
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Pollution Characterization
Chemical: 8052413, 120
Contact Person: Not reported
Responsible Party: PHIL HIRSCH
RP Address: 230 SOUTH A STREET
Interim: Yes
Oversight Prgm: LUST
MTBE Class: C
MTBE Conc: 1
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: JEF
Staff Initials: Not reported
Lead Agency: Regional Board

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

HIRSCH, PHIL (Continued)

S101309789

Local Agency: Not reported
Hydr Basln #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR255
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in
approved site
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: LTR RC'D 7-12-90. RPT RC'D 12-11-90. CLS LTR 5-16-91. JEF LTR 5-13-93,4-2-96.
QRPT 4-5-96. JEF LTR 8-16-96,2-27-97,4-8-98, 9-7-99. JAT LTR 9-16-99. RPT RC'D
12-10-99. LTR RC'D 1-26-00. JAT LTR 6-21-00. PLAN RC'D 9-7-00,1-10-01. JEF LTR
4-17-01,10-1-1. LTR RC'D 10-29-1. JEF LTR 1-7-2.

LUST:

Region: 1
Facility ID: 1TSR255
Staff Initials: JEF

Cortese:

Region: CORTESE
Facility Addr2: 230 A STREET, SOUTH

SLIC:

Region: STATE
Global Id: T0609791167
Assigned Name: MAINSITE
Lead Agency Contact: JOAN FLECK
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: 1NSR255
Responsible Party: PHIL HIRSCH
Recent Dtw: Not reported
Substance Released: 13
Facility Status: Not reported

90
NNW
1/4-1/2
2337 ft.

CANTARUTTI FRAME ALIGNMENT
MAXWELL COURT 50
SANTA ROSA, CA

LUST S104163181
N/A

Relative:
Lower

LUST:

Region: 1
Facility ID: 1TSR084
Staff Initials: Closed

Actual:
146 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

U81 INDUSTRIAL MACHINE & ENGINE RP
NW 928 DUTTON AVENUE, NORTH
1/4-1/2 SANTA ROSA, CA 95401
2360 ft.

LUST S101316050
SLIC N/A

Site 1 of 3 in cluster U

Relative:
Lower

LUST:

Actual:
142 ft.

Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609793214
Stop Date: Not reported
Confirm Leak: 1990-04-13 00:00:00
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1990-04-02 00:00:00
Enforcement Dt: 1990-04-13 00:00:00
Release Date: 1990-04-02 00:00:00
Review Date: 1999-10-14 00:00:00
Enter Date: 1990-04-13 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Leak being confirmed
Chemical: Waste Oil
Contact Person: Not reported
Responsible Party: INDUSTRIAL MACHINE & ENGINE RP
RP Address: Not reported
Interim: Yes
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: JBL
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: C
Cleanup Fund Id: Not reported
Work Suspended: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

INDUSTRIAL MACHINE & ENGINE RP (Continued)

S101316050

Local Case #: Not reported
Case Number: 1NSR146
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: INDUSTRIAL MACHINE & ENGINE RP
Water System Name: Not reported
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: SRFD PROP 65 RC'D 4-4-90. SRFD LTR 8-14-90. DLS LTR 3-8-91. NKN LTR 5-16-96. INFOR RC'D 6-5-96. DCW LTR 12-10-96.

SLIC:

Region: 1
Facility ID: 1NSR146
Staff Initials: WTE

T92 MC KESSON WATER PRODUCTS COMPANY
NNW MAXWELL COURT 37
1/4-1/2 SANTA ROSA, CA
2363 ft.

LUST S103393079
N/A

Site 4 of 5 in cluster T

Relative:
Lower

LUST:

Region: 1
Facility ID: 1TSR339
Staff Initials: Closed

T93 ALHAMBRA NATIONAL WATER COMPANY
NNW 37 MAXWELL COURT
1/4-1/2 SANTA ROSA, CA 95401
2373 ft.

LUST S105051262
N/A

Site 5 of 5 in cluster T

Relative:
Lower

LUST:

Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global ID: T0609700539
Stop Date: 1987-01-12 00:00:00
Confirm Leak: 1987-01-12 00:00:00
Workplan: 1988-07-22 00:00:00
Prelim Assess: 1988-08-23 00:00:00
Pollution Char: 1988-11-01 00:00:00
Remed Plan: 1988-11-01 00:00:00
Remed Action: 1988-11-01 00:00:00
Monitoring: 1988-11-01 00:00:00
Close Date: 1988-11-01 00:00:00

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ALHAMBRA NATIONAL WATER COMPANY (Continued)

S105051282

Discover Date: 1987-01-12 00:00:00
Enforcement Dt: 1988-10-20 00:00:00
Release Date: 1987-01-12 00:00:00
Review Date: 1990-01-09 00:00:00
Enter Date: 1987-08-24 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Diesel
Contact Person: Not reported
Responsible Party: Mr. Art Hayden
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: +
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: C
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR015
Qty Leaked: Not reported
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: mtg w/ARB to discuss wkplan. 9/23/88 HLA indicates beginning work 9/26. 9/28/88 extension to 9/30/88. TRIED TO FIT INTO CASE 2. ARB NO FURTHER WORK REQ'D.
Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: IEA
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700758

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ALHAMBRA NATIONAL WATER COMPANY (Continued)

S105051262

Stop Date: 1998-06-30 00:00:00
Confirm Leak: 1998-07-27 00:00:00
Workplan: 2000-08-16 00:00:00
Prelim Assess: 2000-08-16 00:00:00
Pollution Char: 2000-08-16 00:00:00
Remed Plan: 2000-08-16 00:00:00
Remed Action: 2000-08-16 00:00:00
Monitoring: 2000-08-16 00:00:00
Close Date: 2000-08-16 00:00:00
Discover Date: 1998-06-30 00:00:00
Enforcement Dt: 1965-01-01 00:00:00
Release Date: 1998-06-30 00:00:00
Review Date: 2000-08-17 00:00:00
Enter Date: 1998-07-27 00:00:00
MTBE Date: 1965-01-01 00:00:00
GW Qualifier: <
Soil Qualifier: Not reported
Max MTBE GW ppb: 5
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Unleaded Gasoline
Contact Person: Not reported
Responsible Party: MCKETSON WATER PRODUCTS
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 1
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR339
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: MCKETSON WATER PRODUCTS
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: DATA RC'D 7-2-98. RPT RC'D 10-19-98. JEF LTR 12-22-98. TBD LTR 5-27-99. JEF LTR 8-10-99, 9-7-99. RPT RC'D 11-5-99. LAM CLOSURE LTR 8-16-00.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

V94 PG&E GAS PLANT - MUSCO
East FIRST / B STREET
1/4-1/2 SANTA ROSA, CA 95404
2375 ft.

LUST S101316095
SLIC N/A

Site 1 of 2 in cluster V

Relative:
Higher

Actual:
164 ft.

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: COSTRE
Funding: SEL
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609793293
Stop Date: Not reported
Confirm Leak: 1992-11-03 00:00:00
Workplan: 1997-06-05 00:00:00
Prelim Assess: 1997-06-05 00:00:00
Pollution Char: 1997-06-27 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1992-11-03 00:00:00
Enforcement Dt: 1996-01-01 00:00:00
Release Date: 1992-11-03 00:00:00
Review Date: 2001-02-13 00:00:00
Enter Date: 1992-11-03 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Pollution Characterization
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: ROBERT C. DOSS
RP Address: P.O. BOX 7640
Interim: No
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: JEF
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

PG&E GAS PLANT - MUSCO (Continued)

S101316095

Local Case #: 2015600
Case Number: 1NSR228
Qty Leaked: Not reported
Abate Method: No Action Required - Incident is minor, requiring no remedial action
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: LOC LTR 12-4-97. LTR RC'D 12-17-98. RPT RC'D 5-19-99. DP LTR 6-8-99. LTR RC'D 7-30-99. RPT RC'D 8-3-99. MONRPT RC'D 1-14-00. QRPT RPT RC'D 4-14-00. EST LTR 6-23-00. QRPT RC'D 7-26-00, 10-16-00, 1-23-01. LAM LTR 2-13-01. QRPT 3-30-01. CAP RC'D 4-12-01. QRPT 7-9-1. JEF LTR 7-9-1. QRPT 10-1-1. SAW LTR 10-16-1.

SLIC:

Region: 1
Facility ID: 1NSR228
Staff Initials: JEF

U95
NW
1/4-1/2
2399 ft.

CORREIRA'S AUTOMOTIVE
940 NORTH DUTTON AVE
SANTA ROSA, CA 95401

Notify 65 U000067302
HAZNET N/A

Site 2 of 3 in cluster U

Relative:
Lower

Notify 65:

Actual:
142 ft.

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

HAZNET:

Gepaid: CAD044278786
Contact: PAT CORREIRA
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 940 NORTH DUTTON AVE
Mailing City,St,Zip: SANTA ROSA, CA 954010000
Gen County: Sonoma
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 5.0040
Facility County: Sonoma

Gepaid: CAD044278786
Contact: PAT CORREIRA
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 940 NORTH DUTTON AVE
Mailing City,St,Zip: SANTA ROSA, CA 954010000

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CORREIRA'S AUTOMOTIVE (Continued)

U000067302

Gen County: Sonoma
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: 5.0040
Facility County: Sonoma

Gepaid: CAD044278786
Contact: CHARLES E BAKER VICE PRES
Telephone: 7075464280
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 940 N DUTTON AVE
Mailing City,St,Zip: SANTA ROSA, CA 954010000
Gen County: Sonoma
TSD EPA ID: Not reported
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 5.83
Facility County: Not reported

Gepaid: CAD044278786
Contact: PAT CORREIRA
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 940 NORTH DUTTON AVE
Mailing City,St,Zip: SANTA ROSA, CA 954010000
Gen County: Sonoma
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: .4587
Facility County: Sonoma

Gepaid: CAD044278786
Contact: PAT CORREIRA
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 940 NORTH DUTTON AVE
Mailing City,St,Zip: SANTA ROSA, CA 954010000
Gen County: Sonoma
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: 5.2125
Facility County: Sonoma

[Click this hyperlink](#) while viewing on your computer to access
1 additional CA_HAZNET record(s) in the EDR Site Report.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U96 A AND A TRANSMISSIONS INC
NW 940 N DUTTON AVE
1/4-1/2 SANTA ROSA, CA 95401
2399 ft.

Relative:
Lower

Actual:
142 ft.

Site 3 of 3 in cluster U

RCRA-SQG 1000355475
FINDS CAD044278786
HAZNET
LUST
Cortese
CA FID UST
HIST UST
SWEEPS UST

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: A AND A TRANSMISSIONS INC
Facility address: 940 N DUTTON AVE
SANTA ROSA, CA 95401
EPA ID: CAD044278786
Mailing address: N DUTTON AVE
SANTA ROSA, CA 95401
Contact: Not reported
Contact address: Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: CHARLES E AND BARBARA S BAKER
Owner/operator address: 940 N DUTTON AVE
SANTA ROSA, CA 95401
Owner/operator country: Not reported
Owner/operator telephone: (707) 546-4280
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

A AND A TRANSMISSIONS INC (Continued)

1000355475

Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid: CAD044278786
Contact: CHARLES E BAKER VICE PRES
Telephone: 7075464280
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 940 N DUTTON AVE
Mailing City,St,Zip: SANTA ROSA, CA 954010000
Gen County: Sonoma
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 4.58
Facility County: Not reported

Gepaid: CAD044278786
Contact: CHARLES E BAKER VICE PRES
Telephone: 7075464280
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 940 N DUTTON AVE
Mailing City,St,Zip: SANTA ROSA, CA 954010000
Gen County: Sonoma
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 4.58
Facility County: Not reported

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: CLOS
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700598

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

A AND A TRANSMISSIONS INC (Continued)

1000355475

Stop Date: 1989-02-28 00:00:00
Confirm Leak: 1989-02-28 00:00:00
Workplan: 1989-12-29 00:00:00
Prelim Assess: 1990-06-13 00:00:00
Pollution Char: 1990-06-25 00:00:00
Remed Plan: 1990-06-25 00:00:00
Remed Action: 1990-06-25 00:00:00
Monitoring: 1990-06-25 00:00:00
Close Date: 2006-03-03 00:00:00
Discover Date: 1989-02-28 00:00:00
Enforcement Dt: 1989-03-15 00:00:00
Release Date: 1989-02-28 00:00:00
Review Date: 1992-07-31 00:00:00
Enter Date: 1989-03-09 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Waste Oil
Contact Person: Not reported
Responsible Party: PATRICIA CORREIRA
RP Address: 940 NORTH DUTTON AVENUE SANTA ROSA
Interim: Yes
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR085
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: FP IN PIT, RPT RC'D 6-13-90. JMG LTR 6-25-90. ADDN RC'D 7-3-90. EBA LTR 7-10-90. BDK LTR 7-26-90. LTR RC'D 8-2-90. SAW LTR 8-23-90. EBA LTR RC'D 11-9-90, 12-12-90, 1-9-91. H2O LEVELS RC'D 3-14-91. SUM RPT 5-28-91. KA CLOSURE LTR 7-7-92.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

A AND A TRANSMISSIONS INC (Continued)

1000355475

LUST:

Region: 1
Facility ID: 1TSR085
Staff Initials: Closed

Cortese:

Region: CORTESE
Facility Addr2: 940 DUTTON AVENUE, NORTH

CA FID UST:

Facility ID: 49000968
Regulated By: UTKA
Regulated ID: 00045827
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075442318
Mail To: Not reported
Mailing Address: 940 N DUTTON AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95401
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: 00000045827
Facility Type: Other
Other Type: AUTO REPAIR
Total Tanks: 0001
Contact Name: RALPH UNDERWOOD
Telephone: 7075442318
Owner Name: JOSEPH CORREIRA, JR. & PATRICI
Owner Address: 940 NO. DUTTON AVE.
Owner City,St,Zip: SANTA ROSA, CA 95401

Tank Num: 001
Container Num: 1
Year Installed: 1984
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: None

SWEEPS UST:

Status: A
Comp Number: 45827
Number: 9
Board Of Equalization: Not reported
Ref Date: 07-01-85

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

A AND A TRANSMISSIONS INC (Continued)

1000355475

Act Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 49-060-045827-000001
Actv Date: 07-01-85
Capacity: 500
Tank Use: OIL
Stg: W
Content: WASTE OIL
Number Of Tanks: 1

97
ENE
1/4-1/2
2413 ft.

AT&T COMMUNICATIONS
THIRD STREET, EAST 520
SANTA ROSA, CA

LUST S102424735
Cortese N/A

Relative:
Higher

Actual:
164 ft.

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: IEA
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700729
Stop Date: 1994-06-24 00:00:00
Confirm Leak: 1994-08-02 00:00:00
Workplan: 1998-09-18 00:00:00
Prelim Assess: 1998-09-18 00:00:00
Pollution Char: 1998-09-18 00:00:00
Remed Plan: 1998-09-18 00:00:00
Remed Action: 1998-09-18 00:00:00
Monitoring: 1998-09-18 00:00:00
Close Date: 1998-09-18 00:00:00
Discover Date: 1994-06-24 00:00:00
Enforcement Dt: 1965-01-01 00:00:00
Release Date: 1994-06-24 00:00:00
Review Date: Not reported
Enter Date: 1994-08-02 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Regular Gasoline
Contact Person: Not reported
Responsible Party: DWAYNE WALLACE
RP Address: 450 MAIN STREET, SUITE 203
Interim: No
Oversight Prgm: LUST
MTBE Class: *

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AT&T COMMUNICATIONS (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102424735

MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1)
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR286
Qty Leaked: Not reported
Abate Method: No Action Required - incident is minor, requiring no remedial action
Operator: AT&T
Water System Name: HI SEAS MOTEL
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: W0602300750
Waste Disch Assigned Name: 1200750-001
Summary: RPT RC'D 8-1-94, JEF LTR 6-26-95, LJR LTR 2-21-96, JEF LTR 4-3-97, RPT RC'D 1-20-98, JEF LTR 4-9-98, INFO RC'D 8-4-98, LAM CLOSURE LTR 9-18-98.

LUST:

Region: 1
Facility ID: 1TSR286
Staff Initials: Closed

Cortese:

Region: CORTESE
Facility Addr2: 520 THIRD STREET, EAST

W98
NW
1/4-1/2
2426 ft.

CANTARUTTI FRAME ALIGNMENT
50 MAXWELL COURT
SANTA ROSA, CA 95401

Notify 65 U000067294
LUST N/A
Cortese

Relative:
Lower

Site 1 of 3 in cluster W

Notify 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

Actual:
144 ft.

LUST:

Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CANTARUTTI FRAME ALIGNMENT (Continued)

U000067294

Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700597
Stop Date: 1989-03-01 00:00:00
Confirm Leak: 1989-03-01 00:00:00
Workplan: 1989-12-21 00:00:00
Prelim Assess: 1989-12-21 00:00:00
Pollution Char: 1989-12-21 00:00:00
Remed Plan: 1989-12-21 00:00:00
Remed Action: 1989-12-21 00:00:00
Monitoring: 1989-12-21 00:00:00
Close Date: 1989-12-21 00:00:00
Discover Date: 1989-03-01 00:00:00
Enforcement Dt: 1989-12-21 00:00:00
Release Date: 1989-03-01 00:00:00
Review Date: 1990-01-06 00:00:00
Enter Date: 1989-03-09 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: LOUIS CANTARUTTI
RP Address: Not reported
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: C
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR084
Qty Leaked: Not reported
Abate Method: No Action Required - incident is minor, requiring no remedial action
Operator: TOM BISSEY
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: VERY LOW LEVELS OF TOLUENE 27 PPB FOUND IN SOIL AT 8'. KA LTR 8-15-89. KA LTR
12-21-89 CASE CLOSED.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CANTARUTTI FRAME ALIGNMENT (Continued)

EDR ID Number
EPA ID Number

Database(s)

Cortese:
Region: CORTESE
Facility Addr2: 50 MAXWELL COURT

U000067294

99 HI SCH, PHIL
ESE 230 SOUTH A STREET
1/4-1/2 SANTA ROSA, CA 95061
2461 ft.

SLIC S105181310
N/A

Relative: SLIC:
Higher Region: 1
Facility ID: 1NSR255
Actual: Staff Initials: JEF
157 ft.

W100 MUSCO TRUST
NW MAXWELL COURT 4
1/4-1/2 SANTA ROSA, CA 95061
2497 ft.

LUST S101309819
Cortese N/A

Site 2 of 3 in cluster W

Relative: LUST:
Lower Region: STATE
Actual: Case Type: Drinking Water Aquifer affected
144 ft. Cross Street: Not reported
Enf Type: R
Funding: IEA
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700724
Stop Date: 1994-04-06 00:00:00
Confirm Leak: 1994-04-14 00:00:00
Workplan: 1996-02-07 00:00:00
Prelim Assess: 1996-02-07 00:00:00
Pollution Char: 1997-11-04 00:00:00
Remed Plan: 1998-05-22 00:00:00
Remed Action: 1998-05-22 00:00:00
Monitoring: 1998-05-22 00:00:00
Close Date: 2001-07-31 00:00:00
Discover Date: 1994-04-06 00:00:00
Enforcement Dt: 1985-01-01 00:00:00
Release Date: 1994-04-06 00:00:00
Review Date: 2000-11-02 00:00:00
Enter Date: 1994-04-14 00:00:00
MTBE Date: 1998-08-19 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 6
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MUSCO TRUST (Continued)

EDR ID Number
EPA ID Number

S101309819

Responsible Party: 1ST NATIONAL BANK/M.MULLISAN
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 1
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR278
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: 1ST NATIONAL BANK/M.MULLISAN
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: NO URF.SRFD RPT/DATA RC'D 4-6-94. JEF LTR 7-30-97. ADDM RC'D 10-21-97. SRFD LTR RC'D 12-16-97. RPT RC'D 12-19-97,1-6-98. JEF LTR 3-23-98. QRPT 5-22-98. JEF LTR 6-16-98. QRPT 10-20-98. JEF LTR 8-23-99, (2)LTRS 9-8-00. 2JLC LTRS 9-11-00. JEF LTR 11-2-00. SAW CLOSURE LTR 7-31-1.

LUST:
Region: 1
Facility ID: 1TSR278
Staff Initials: JEF

Cortese:
Region: CORTESE
Facility Addr2: 4 MAXWELL COURT

V101
East
1/4-1/2
2498 ft.

TRAVERSOS
106 B STREET
SANTA ROSA, CA 95401

LUST S108418317
N/A

Relative:
Higher

Site 2 of 2 in cluster V

Actual:
164 ft.

LUST:
Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: 1ST STREET
Enf Type: RB
Funding: Not reported
How Discovered: SAS
How Stopped: Close Tank
Leak Cause: UNK

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TRAVERSOS (Continued)

S108418317

Leak Source: UNK
Global Id: T0608710942
Stop Date: Not reported
Confirm Leak: 2007-04-05 00:00:00
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 2007-04-05 00:00:00
Enforcement Dt: Not reported
Release Date: 2007-04-05 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Leak being confirmed
Chemical: 8006619,1203
Contact Person: Not reported
Responsible Party: HARDIP S GULATI, TRUSTEE
RP Address: 76 BROADWAY
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: JEF
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR191
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

W102 NELLIGAN, FRANCIS
NW MAXWELL COURT 103
1/4-1/2 SANTA ROSA, CA
2505 ft.

LUST S104163189
N/A

Site 3 of 3 in cluster W

Relative:
Lower

LUST:

Region: 1

Actual: Facility ID: 1TSR142
144 ft. Staff Initials: Closed

X103 EXCHANGE BANK & DATA CTR.
SSW 330 SEBASTOPOL RD
1/4-1/2 SANTA ROSA, CA
2506 ft.

LUST S106247495
N/A

Site 1 of 5 in cluster X

Relative:
Lower

LUST:

Region: SONOMA

Actual: LOP Number: 00012142

147 ft. Funding Fed / State: Federal

Staff: Not reported

Regional Board: 1TSO089

Closed or Referred: Referred

Date: 1995-05-10 00:00:00

Global ID: T0609700062

Y104 MALLORY WRECKING
East 518 2ND
1/4-1/2 SANTA ROSA, CA 95401
2508 ft.

ENVIROSTOR S100183358
N/A

Site 1 of 2 in cluster Y

Relative:
Higher

ENVIROSTOR:

Site Type: Historical

Actual: Site Type Detailed: * Historical

164 ft. Acres: Not reported

NPL: NO

Regulatory Agencies: NONE SPECIFIED

Lead Agency: NONE SPECIFIED

Program Manager: Not reported

Supervisor: Referred - Not Assigned

Division Branch: North Coast

Facility ID: 49500027

Site Code: Not reported

Assembly: 07

Senate: 02

Special Program: * Rural County Survey Program

Status: Refer: RWQCB

Status Date: 1993-10-08 00:00:00

Restricted Use: NO

Funding: Not reported

Latitude: 38.438333333333

Longitude: -122.714166666667

Alias Name: 49500027

Alias Type: Envirostor ID Number

APN: NONE SPECIFIED

APN Description: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MALLORY WRECKING (Continued)

S100183356

Comments: SITE SCREENING DONE POSS ONSITE CONTAMFACILITY IDENTIFIED PHONE DIR
1940
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1988-05-12 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-05-18 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

105 BOSSA, ELAINE
NNW ELEVENTH STREET 101
1/4-1/2 SANTA ROSA, CA
2548 ft.

LUST S102425563
Cortese N/A

Relative: LUST:
Lower Region: STATE
Case Type: Soil only
Actual: Cross Street: Not reported
148 ft. Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700569
Stop Date: 1987-12-22 00:00:00
Confirm Leak: 1988-01-19 00:00:00
Workplan: 1991-01-15 00:00:00
Prelim Assess: 1991-01-15 00:00:00
Pollution Char: 1991-01-15 00:00:00
Remed Plan: 1991-01-15 00:00:00
Remed Action: 1991-01-15 00:00:00
Monitoring: 1991-01-15 00:00:00
Close Date: 1991-01-15 00:00:00
Discover Date: 1987-12-22 00:00:00
Enforcement Dt: 1991-01-15 00:00:00
Release Date: 1987-12-22 00:00:00
Review Date: 1991-01-17 00:00:00

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BOSSA, ELAINE (Continued)

S102425553

Enter Date: 1988-01-20 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: C
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR046
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: BOSSA, ELAINE
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: URF WITH NO FURTHER ACTION INDICATED. KA LTR 8-29-89 REQ MORE INFO. SOIL DATA RC'D 9/29/89. KA LTR 1-16-90 CASE 2. KA CLOSURE LETTER 1-15-91.

LUST:

Region: 1
Facility ID: 1TSR046
Staff Initials: Closed

Cortese:

Region: CORTESE
Facility Addr2: 101 ELEVENTH STREET

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

X106
South
1/4-1/2
2550 ft.

EXCHANGE BANK
SEBASTOPOL ROAD 330
SANTA ROSA, CA

Database(s)
EDR ID Number
EPA ID Number

LUST
Cortess
\$104163185
N/A

Relative:
Lower

Site 2 of 5 in cluster X

Actual:
148 ft.

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: VC
How Discovered: OM
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global Id: T0609700062
Stop Date: 1987-08-24 00:00:00
Confirm Leak: 1987-08-02 00:00:00
Workplan: 1993-08-03 00:00:00
Prelim Assess: 1993-08-03 00:00:00
Pollution Char: 1998-06-05 00:00:00
Remed Plan: 1999-06-04 00:00:00
Remed Action: 2002-08-15 00:00:00
Monitoring: 2004-07-06 00:00:00
Close Date: Not reported
Discover Date: 1987-08-24 00:00:00
Enforcement Dt: 2000-02-23 00:00:00
Release Date: 1987-08-24 00:00:00
Review Date: Not reported
Enter Date: 1987-08-24 00:00:00
MTBE Date: 1965-01-01 00:00:00
GW Qualifier: <
Soil Qualifier: Not reported
Max MTBE GW ppb: 1
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Post remedial action monitoring
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: D
MTBE Conc: 1
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: CHH
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49000L
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: AGR, GWR, PROC, IND, MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EXCHANGE BANK (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104163185

Local Case #: 00012142
Case Number: 1TSO089
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, ,, Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants
Operator: J. BARRIE GRAHAM, PRESIDENT & CEO
Water System Name: Not reported
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: URF RC'D 10-25-89. QRPT 2-4-00,2-7-00. WTE LTR 2-23-00. SWRCB LTR RC'D 4-10-00,7-13-00. QRPT 9-8-00,9-11-00. FAX RC'D 10-26-00. LTR RC'D 2-13-01. SCHD LTR RC'D 2-20-01. LTR RC'D 3-8-01. WTE LTR 4-17-01. RPT/ QPRT RC'D 6-14-1. SAW LTR 8-17-1. LTR RC'D 8-24-1. QRPT 9-26-1, FUND LTR RC'D 10-5-1. WTE LTR 10-22-1. Q&ANRPT RC'D 11-5-01. LTR RC'D 12-3-01. FAX RC'D 2-27-02. QRPT 4-10-02, DATA RC'D 5-20-02. QRPT/RS RPT RCD 7-1-02. WTE LTR 10-15-02. QRPT 10-19-02. WTE LTR 10-21-02, WTE LTR 11-4-02. QRPT/RS RPT 1-31-03. ROWD RCD 6-2-03. QRPT 6-2-03. RAP ADD RCD 6-2-03. FEE RCD 6-30-03. WTE LTR 7-10-03. LMF LTR 7-22-03. QRPT/RS RPT 8-22-03.

LUST:

Region: 1
Facility ID: 1TSO089
Staff Initials: WTE

Corteese:

Region: CORTESE
Facility Addr2: 330 SEBASTOPOL ROAD

X107
SSW
1/4-1/2
2559 ft.

WESTSIDE UNOCAL
370 SEBASTOPOL RD
SANTA ROSA, CA

LUST S103817528
N/A

Relative;
Lower

Site 3 of 5 in cluster X

Actual:
147 ft.

LUST:
Region: SONOMA
LOP Number: 00001489
Funding Fed / State: Federal
Staff: Not reported
Regional Board: 1TSO264
Closed or Referred: Referred
Date: 1995-05-10 00:00:00
Global ID: T0609700199

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
108 NW 1/4-1/2 2571 ft. Relative: Lower Actual: 144 ft.	HAZNET LUST Cortese	S103984526 N/A
NELLIGAN, FRANCIS 103 MAXWELL COURT SANTA ROSA, CA		
HAZNET: Gepaid: CAL000096064 Contact: CURTIS A STODDARD Telephone: 7075262416 Facility Addr2: Not reported Mailing Name: Not reported Mailing Address: 103 MAXWELL CT Mailing City,St,Zip: SANTA ROSA, CA 954015057 Gen County: Sonoma TSD EPA ID: CAL000121946 TSD County: Marin Waste Category: Photochemicals/photoprocessing waste Disposal Method: Recycler Tons: .1042 Facility County: Sonoma		
Gepaid: CAL000096064 Contact: CURTIS A STODDARD Telephone: 7075262416 Facility Addr2: Not reported Mailing Name: Not reported Mailing Address: 103 MAXWELL CT Mailing City,St,Zip: SANTA ROSA, CA 954015057 Gen County: Sonoma TSD EPA ID: CAL000121946 TSD County: Marin Waste Category: Photochemicals/photoprocessing waste Disposal Method: Recycler Tons: .0625 Facility County: Sonoma		
Gepaid: CAL000096064 Contact: CURTIS A STODDARD Telephone: 7075262416 Facility Addr2: Not reported Mailing Name: Not reported Mailing Address: 103 MAXWELL CT Mailing City,St,Zip: SANTA ROSA, CA 954015057 Gen County: Sonoma TSD EPA ID: CAL000121946 TSD County: Marin Waste Category: Photochemicals/photoprocessing waste Disposal Method: Recycler Tons: .1251 Facility County: Sonoma		
Gepaid: CAL000096064 Contact: CURTIS A STODDARD Telephone: 7075262416 Facility Addr2: Not reported Mailing Name: Not reported Mailing Address: 103 MAXWELL CT Mailing City,St,Zip: SANTA ROSA, CA 954015057 Gen County: Sonoma		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NELLIGAN, FRANCIS (Continued)

S103984526

TSD EPA ID: CAD981429673
TSD County: Marin
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .0625
Facility County: Sonoma

Click this hyperlink while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700642
Stop Date: 1990-03-12 00:00:00
Confirm Leak: 1990-03-23 00:00:00
Workplan: 1995-11-03 00:00:00
Prelim Assess: 1995-11-03 00:00:00
Pollution Char: 1995-11-03 00:00:00
Remed Plan: 1995-11-03 00:00:00
Remed Action: 1995-11-03 00:00:00
Monitoring: 1995-11-03 00:00:00
Close Date: 1995-11-03 00:00:00
Discover Date: 1990-03-12 00:00:00
Enforcement Dt: 1990-03-23 00:00:00
Release Date: 1990-03-12 00:00:00
Review Date: 1996-03-20 00:00:00
Enter Date: 1990-03-12 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: FRANCIS NELLIGAN
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NELLIGAN, FRANCIS (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103984526

Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR142
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in
approved site
Operator: FRANCIS NELLIGAN
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: P65 RC'D 3-15-90. PSA LTR 3-28-90. RPT RC'D 5-11-90. SRFD INFO RC'D 6-13-90.
ABD LTR 3-8-93. JEF LTR 4-5-94. RR LTR 1-19-95. LTR RC'D 6-28-95. CLOSURE RQST
RC'D 10-5-95. BDK CLOSURE LTR 11-3-95.

Cortese:

Region: CORTESE
Facility Addr2: 103 MAXWELL COURT

109 PG AND E GAS PLANT SANTA ROSA
East S SIDE 1ST NEAR B STREET
1/4-1/2 SANTA ROSA, CA 95401
2590 ft.

Manufactured Gas Plants 1008407778
N/A

Relative:
Higher

Actual:
163 ft.
X110 UNOCAL #4320
SSW SEBASTOPOL ROAD 370
1/4-1/2 SANTA ROSA, CA
2597 ft.

LU8T S101304986
Cortese N/A

Site 4 of 5 in cluster X

Relative:
Lower

Actual:
147 ft.

LUST:
Region: STATE
Case Type: A, W
Cross Street: Not reported
Enf Type: R
Funding: NA
How Discovered: OM
How Stopped: Not reported
Leak Cause: Corrosion
Leak Source: Tank
Global Id: T0609700199
Stop Date: 1989-05-10 00:00:00
Confirm Leak: 1989-05-22 00:00:00
Workplan: 1990-02-22 00:00:00
Prelim Assess: 2006-02-27 00:00:00
Pollution Char: 1996-03-12 00:00:00
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNOCAL #4320 (Continued)

S101304986

Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1989-05-10 00:00:00
Enforcement Dt: 1989-05-10 00:00:00
Release Date: 1989-05-10 00:00:00
Review Date: 2001-03-14 00:00:00
Enter Date: 1989-05-22 00:00:00
MTBE Date: 2000-09-11 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 10000
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Preliminary site assessment underway
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: ERIC HETRICK
RP Address: 76 BROADWAY
Interim: Yes
Oversight Prgm: LUST
MTBE Class: A
MTBE Conc: 1
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: CHH
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49000L
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: AGR, GWR, PROC, IND, MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 00001469
Case Number: 1TSO264
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: BOB HOPKINS
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: URF RC'D 1-3-91. QSUM 4-25-00. QRPT 4-27-00. WTE LTR 5-16-00. QRPT 6-6-00. QSUM 7-21-00. QRPT 9-8-00. PLAN RC'D 9-25-00. QSUM 10-20-00. QRPT 1-16-01. QSUM 1-25-01. QRPT 3-12-01. QSUM 4-25-01. QRPT 5-14-01. QSUM 7-20-01. QRPT 8-9-01. SAW LTR 8-17-01. PLAN RC'D 9-26-01. QSUM 10-18-01. WTE LTR 11-7-01. QRPT 11-13-01. LTR RC'D 11-21-01. RPT RC'D 2-15-02. QRPT 4-16-02.

LUST:
Region: 1
Facility ID: 1TSO264
Staff Initials: WTE

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

UNOCAL #4320 (Continued)

S101304986

Cortese:

Region: CORTESE
Facility Addr2: 370 SEBASTOPOL ROAD

Y111 CITY PARKING GARAGE 9
East SECOND STREET
1/4-1/2 SANTA ROSA, CA 93582
2601 ft.

Notify 65 S100178969
N/A

Site 2 of 2 in cluster Y

Relative:
Higher

Notify 65:

Actual:
164 ft.

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

X112 HARRIMAN, TOM & EFF
SSW SEBASTOPOL ROAD 375
1/4-1/2 SANTA ROSA, CA
2601 ft.

LUST S100467573
Cortese N/A

Site 5 of 5 in cluster X

Relative:
Lower

LUST:

Actual:
147 ft.

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700599
Stop Date: 1989-02-20 00:00:00
Confirm Leak: 1989-02-20 00:00:00
Workplan: 1989-06-27 00:00:00
Prelim Assess: 1989-07-01 00:00:00
Pollution Char: 1990-09-28 00:00:00
Remed Plan: 1995-09-01 00:00:00
Remed Action: 1995-09-01 00:00:00
Monitoring: 1995-09-01 00:00:00
Close Date: 1995-09-01 00:00:00
Discover Date: 1989-02-20 00:00:00
Enforcement Dt: 1992-12-01 00:00:00
Release Date: 1989-02-20 00:00:00
Review Date: 1998-04-09 00:00:00
Enter Date: 1989-03-09 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

HARRIMAN, TOM & EFF (Continued)

S100467873

Reg Board: North Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: COMMERCIAL SPACES
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR086
Qty Leaked: Not reported
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: FAX RC'D 10-26-94. INFO RC'D 10-28-94. WTE LTR 11-18-94. Q RPT RC'D 2-9-95. LTR RC'D 3-7-95. Q RPT RC'D 4-3-95. SAC 2005 LTR 4-28-95. FAX SENT 5-12-95. Q RPT RC'D 7-17-95. LTR W/DATA RC'D 8-22-95. CLOSURE LTR 8-1-95. LTR RC'D 9-13-95, 9-21-95.

LUST:

Region: 1
Facility ID: 1TSR086
Staff Initials: Closed

Cortese:

Region: CORTESE
Facility Addr2: 375 SEBASTOPOL ROAD

Z113 PG&E GAS PLANT
ENE 5TH / MENDOCINO
1/2-1 SANTA ROSA, CA 95401
2768 ft.

ENVIROSTOR 1000196796
N/A

Relative: Site 1 of 2 in cluster Z
Higher ENVIROSTOR:

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO

Actual:
165 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PG&E GAS PLANT (Continued)

1000196796

Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: North Coast
Facility ID: 49490003
Site Code: Not reported
Assembly: 07
Senate: 02
Special Program: * Town Gas
Status: Refer: RWQCB
Status Date: 1995-03-21 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 38.4408333333333
Longitude: -122.714444444444
Alias Name: 49490003
TOWN GAS PLANT- SANTA ROSA #2
CAD981414980
Alias Type: EPA Identification Number
Envirostor ID Number
Alternate Name
APN: NONE SPECIFIED
APN Description: Not reported
Comments: SITE SCREENING DONE PA DONE BY EPA, NEED TO REVIEW FACILITY IDENTIFIED
EPA-CERCLIS
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1986-06-01 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-21 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
Past Use: NONE SPECIFIED

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Z114 PG&E GAS PLANT
ENE 5TH & MENDOCINO
1/2-1 SANTA ROSA, CA 95401
2768 ft.

Manufactured Gas Plants

1008984946
N/A

Relative:
Higher

Site 2 of 2 in cluster Z
Manufactured Gas Plants:

Alternate Name: PACIFIC GAS & ELECTRIC.

Actual:
165 ft.

115 PURITY CHEMICAL PRODUCTS CO
NNW 1005 CLEVELAND AVE
1/2-1 SANTA ROSA, CA 95401
2935 ft.

RCRA-SQG
FINDS
LUST
CA FID UST
HIST UST
SWEEPS UST
ENVIROSTOR

1000265023
CAD009141144

Relative:
Lower

Actual:
148 ft.

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: PURITY CHEMICAL PRODUCTS CO
Facility address: 1005 CLEVELAND AVE
SANTA ROSA, CA 95401
EPA ID: CAD009141144
Mailing address: PO BOX 534
SANTA ROSA, CA 95402
Contact: Not reported
Contact address: Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: CORPORATION
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PURITY CHEMICAL PRODUCTS CO (Continued)

1000265023

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 08/14/1980
Facility name: PURITY CHEMICAL PRODUCTS CO
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700551
Stop Date: 1986-10-28 00:00:00
Confirm Leak: 1987-09-14 00:00:00
Workplan: 1988-12-23 00:00:00
Prelim Assess: 1988-01-13 00:00:00
Pollution Char: 1990-10-25 00:00:00
Remed Plan: 1998-12-21 00:00:00

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PURITY CHEMICAL PRODUCTS CO (Continued)

1000265023

Remed Action: 1998-12-21 00:00:00
Monitoring: 1998-12-21 00:00:00
Close Date: 1998-12-21 00:00:00
Discover Date: 1986-10-28 00:00:00
Enforcement Dt: 1998-10-09 00:00:00
Release Date: 1986-10-28 00:00:00
Review Date: 1998-11-16 00:00:00
Enter Date: 1987-08-24 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: Rick Nelson
RP Address: Not reported
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: A
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR028
Qty Leaked: Not reported
Abate Method: No Action Required - Incident is minor, requiring no remedial action
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: CLOSURE REQUEST RC'D 7-12-96. QRPT RC'D 2-4-97. QRPT RC'D 4-9-97. LMJ LTR
4-14-97. LTR W/ DATA RC'D 9-3-97. CLOSURE REQ RC'D 9-3-97, QRPT RC'D 9-3-97,
LMJ LTR 12-4-97. LTR RC'D 4-8-98, 5-18-98. LMJ LTR 9-18-98, 10-19-98 CLOSURE
LTR 12-21-98.

LUST:

Region: 1
Facility ID: 1TSR028
Staff Initials: Closed

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

PURITY CHEMICAL PRODUCTS CO (Continued)

1000265023

CA FID UST:

Facility ID: 49000454
Regulated By: UTNKA
Regulated ID: 00009071
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075462585
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95401
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: 0000009071
Facility Type: Other
Other Type: DEALER-FARM AND HOME
Total Tanks: 0002
Contact Name: JERRY CHRISTIAN FOREMAN
Telephone: 7075462585
Owner Name: PURITY CHEMICAL PRODUCTS CO.
Owner Address: 1005 CLEVELAND AVE.
Owner City,St,Zip: SANTA ROSA, CA 95401

Tank Num: 001
Container Num: S-1
Year Installed: Not reported
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: H-1
Year Installed: Not reported
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

SWEEPS UST:

Status: A
Comp Number: 9071
Number: 9
Board Of Equalization: Not reported
Ref Date: 07-01-85
Act Date: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PURITY CHEMICAL PRODUCTS CO (Continued)

1000265023

Created Date: 02-29-88
Tank Status: A
Owner Tank Id: S-1
Swrcb Tank Id: 49-060-009071-000001
Actv Date: 07-01-85
Capacity: 550
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: 2

Status: A
Comp Number: 9071
Number: 9
Board Of Equalization: Not reported
Ref Date: 07-01-85
Act Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: H-1
Swrcb Tank Id: 49-060-009071-000002
Actv Date: 07-01-85
Capacity: 550
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

ENVIROSTOR:

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: North Coast
Facility ID: 49280012
Site Code: Not reported
Assembly: 07
Senate: 02
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 1994-06-08 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 38.445
Longitude: -122.726388888889
Alias Name: 49280012
Alias Type: Envirostor ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: SITE SCREENING DONE LONG TERM CHEM MFG & STORAGE, THIS SITE MIGHT BE
IN PROCESS OF RI/FSFACILITY IDENTIFIED IND DIR 1929
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PURITY CHEMICAL PRODUCTS CO (Continued)

1000265023

Completed Document Type: Discovery
Completed Date: 1988-03-15 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-05-13 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

116 CHEVRON CHEMICAL/PURITY
NNW 1005 CLEVELAND AVE
1/2-1 SANTA ROSA, CA 93582
3025 ft.

Notify 65 S100179522
N/A

Relative: Notify 65:
Lower Date Reported: Not reported
Staff Initials: Not reported
Actual: Board File Number: Not reported
145 ft. Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

117 KAISER SAND & GRAVEL COMP
NNW 1060 MAXWELL
1/2-1 SANTA ROSA, CA
3105 ft.

Notify 65 S100179136
Cortese N/A

Relative: Notify 65:
Lower Date Reported: Not reported
Staff Initials: Not reported
Actual: Board File Number: Not reported
145 ft. Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

Cortese:
Region: CORTESE
Facility Addr2: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

118 FARAUDOS AUTO DISMANTLERS
NW 1061 N DUTTON
1/2-1 SANTA ROSA, CA 95401
3383 ft.

ENVIROSTOR S100183349
N/A

Relative:
Lower

Actual:
142 ft.

ENVIROSTOR:

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: North Coast
Facility ID: 49500020
Site Code: Not reported
Assembly: 07
Senate: 02
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 1993-10-08 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 38.444444444444
Longitude: -122.730555555556
Alias Name: 49500020
Alias Type: Envirostor ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: SITE SCREENING DONE AUTO DISMANTLERFACILITY IDENTIFIED PHONE DIR
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1988-04-19 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-22 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

119 EXCHANGE BANK DATA CENTER
SSW 330 SEBASTOPAL
1/2-1 SANTA ROSA, CA 93582
3483 ft.

Notify 65 U000067321
N/A

Relative: Notify 65:
Lower Date Reported: Not reported
Staff Initials: Not reported
Actual: Board File Number: Not reported
141 ft. Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

120 TAYLOR, JOYCE
NNW 1215 BRIGGS AVENUE
1/2-1 SANTA ROSA, CA 95401
3595 ft.

Notify 65 S100178774
LUST N/A
Cortese

Relative: Notify 65:
Lower Date Reported: Not reported
Staff Initials: Not reported
Actual: Board File Number: Not reported
143 ft. Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

LUST:

Region: STATE
Case Type: Drinking water wells have been affected
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0809700586
Stop Date: 1987-12-10 00:00:00
Confirm Leak: 1988-08-22 00:00:00
Workplan: 1988-08-09 00:00:00
Prelim Assess: 1988-08-09 00:00:00
Pollution Char: 1990-03-23 00:00:00
Remed Plan: 1995-12-12 00:00:00
Remed Action: 1995-12-12 00:00:00
Monitoring: 1995-12-12 00:00:00
Close Date: 1995-12-12 00:00:00
Discover Date: 1987-12-10 00:00:00
Enforcement Dt: 1989-01-17 00:00:00
Release Date: 1987-12-10 00:00:00
Review Date: 1988-04-13 00:00:00
Enter Date: 1988-08-22 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

TAYLOR, JOYCE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100178774

Status: Case Closed
Chemical: Waste Oil
Contact Person: Not reported
Responsible Party: TAYLOR, JOYCE
RP Address: Not reported
Interim: No
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: A
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR064
Qty Leaked: Not reported
Abate Method: No Action Required - incident is minor, requiring no remedial action
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: DOMESTIC WELL INCL 190 PPB TCE. LTR RC'D 10-13-94. GW ELEV RC'D 11-14-94. LTR RC'D 12-9-94. QRPT RC'D 1-3-95. LTR RC'D 1-5-95. QRPT RC'D 3-13-95. DRN LTR 10-12-95. LTR RC'D 10-17-95. BKD LTR 12-12-95. LTR RC'D 10-10-96. PLAN RC'D 3-6-97. RPT RC'D 8-1-97.

Cortese:
Region: CORTESE
Facility Addr2: 1215 BRIGGS AVENUE

121 SEBASTOPAL B.P.
SW 760 SEBASTOPAL
1/2-1 SANTA ROSA, CA 93582
3632 ft.

Notify 65 S100179311
N/A

Relative: Lower
Actual: 140 ft.
Notify 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

122 COAST AUTO WRECKING
SW 949 SEBASTOPOL RD
1/2-1 SANTA ROSA, CA 95401
3713 ft.

Database(s) ENVIROSTOR
EDR ID Number S101482588
EPA ID Number N/A

Relative:
Lower

ENVIROSTOR:

Actual:
139 ft.

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: North Coast
Facility ID: 49500001
Site Code: Not reported
Assembly: 07
Senate: 02
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 1993-10-08 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 38.4291868666667
Longitude: -122.730555555556
Alias Name: 49500001
Alias Type: Envirostor ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: SITE SCREENING DONE POSS ONSITE CONTAMFACILITY IDENTIFIED POLK DIR 1958
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1988-02-18 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-21 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

123 CAR CAPITOL
ESE 701 SANTA ROSA AVE
1/2-1 SANTA ROSA, CA 95402
3816 ft.

Relative:
Higher

Actual:
161 ft.

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: CAR CAPITOL
Facility address: 701 SANTA ROSA AVE
SANTA ROSA, CA 95402
EPA ID: CAD981429608
Mailing address: BOX RR
SANTA ROSA, CA 95402
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CAR CAPITOL
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground Injection activity: No

Database(s)

EDR ID Number
EPA ID Number

RCRA-SQG 1000106130
FINDS CAD981429608
HAZNET
CA FID UST
HIST UST
SWEEPS UST
ENVIROSTOR

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CAR CAPITOL (Continued)

1000106130

On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 05/25/1986
Facility name: CAR CAPITOL
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid: CAL000250739
Contact: KRIS ROSSI
Telephone: 7075454100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 701 SANTA ROSA AVE
Mailing City,St,Zip: SANTA ROSA, CA 95404
Gen County: Sonoma
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Not reported
Tons: 0
Facility County: Not reported

Gepaid: CAD981429608
Contact: TERRENCE-ROBERT BRABANT (PARTN
Telephone: 7075738671
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P O BOX RR
Mailing City,St,Zip: SANTA ROSA, CA 954024917
Gen County: Sonoma

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CAR CAPITOL (Continued)

1000106130

TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: .3336
Facility County: Sonoma

Gepaid: CAL000250739
Contact: KRIS ROSSI
Telephone: 7075454100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 701 SANTA ROSA AVE
Mailing City,St,Zip: SANTA ROSA, CA 95404
Gen County: Sonoma
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: 0.01
Facility County: Sonoma

Gepaid: CAD981429608
Contact: TERRENCE-ROBERT BRABANT (PARTN
Telephone: 7075738671
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P O BOX RR
Mailing City,St,Zip: SANTA ROSA, CA 954024917
Gen County: Sonoma
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Not reported
Tons: .2710
Facility County: Sonoma

Gepaid: CAL000250739
Contact: KRIS ROSSI
Telephone: 7075454100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 701 SANTA ROSA AVE
Mailing City,St,Zip: SANTA ROSA, CA 95404
Gen County: Sonoma
TSD EPA ID: Not reported
TSD County: Sacramento
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: 0.39
Facility County: Not reported

[Click this hyperlink](#) while viewing on your computer to access
4 additional CA_HAZNET: record(s) in the EDR Site Report.

CA FID UST:
Facility ID: 49001492

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CAR CAPITOL (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000106130

Regulated By: UTNKA
Regulated ID: 00027710
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075454100
Mail To: Not reported
Mailing Address: 701 SANTA ROSA AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95402
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: 00000027710
Facility Type: Other
Other Type: CAR DEALER
Total Tanks: 0001
Contact Name: Not reported
Telephone: 7075454100
Owner Name: CAR CAPITOL
Owner Address: 701 SANTA ROSA AVE.
Owner City,St,Zip: S.R., CA 95402

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: None

SWEEPS UST:

Status: A
Comp Number: 27710
Number: 9
Board Of Equalization: Not reported
Ref Date: 07-01-85
Act Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 49-060-027710-000001
Actv Date: 07-01-85
Capacity: Not reported
Tank Use: OIL
Stg: W
Content: WASTE OIL
Number Of Tanks: 1

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CAR CAPITOL (Continued)

1000106130

ENVIROSTOR:

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: So Cal - Glendale
Facility ID: 56490060
Site Code: Not reported
Assembly: 37
Senate: 19
Special Program: * Site Char & Assess Grant (CERCLA 104)
Status: Refer: Other Agency
Status Date: 1995-08-29 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 0
Longitude: 0
Alias Name:

J & G OIL WELL SERVICES
JNJ SALES AND SERVICE
PARKER MARTIN INC
56490060
SAND HILLS RANCH
CAD980636773

Alias Type: R H MCGRATH FARMS
EPA Identification Number
Envirostor ID Number

Alternate Name
Alternate Name
Alternate Name
Alternate Name
Alternate Name

APN: NONE SPECIFIED

APN Description: Not reported

Comments: SITE SCREENING DONE EPA COMPLETED PRELIMINARY ASSESSMENT AND
RECOMMEND MEDIUM PRIORITY SCREENING SITE INSPECTION. THEREFORE EPA
LEAD SITE.SITE SCREENING DONE SITE ON SWAT LIST PA DUE JUNE 1982SITE
SCREENING DONE EPA'S REASSESSMENT OF SCREENING SITE INSPECTION
CHANGES RECOMMENDATION TO LISTING SITE INSPECTION (HIGH PRIORITY)
REQUIRED.FACILITY IDENTIFIED ID FROM ERRISITE INSPECTION DONE
E&E'S FIT RECOMMENDS NO FURTHER ACTION UNDER CERCLA UNLESS THERE HAS
BEEN AN OBSERVED RELEASE. UNKNOWN WHETHER JNJ COULD SCORE ABOVE 28.5
IN THE HRS SCORING SYSTEM.FACILITY IDENTIFIED ID FROM EPA PA 1980.
WASTES: TOXIC TANK BOTTOM SEDIMENT NON-TOXIC ROTARY DRILLING MUD.SITE
SCREENING DONE DHS WILL TAKE FURTHER ACTION BY PUTTING TOGETHER A HRS
PACKET AND CONDUCTING A MINIMUM THRESHOLD ANALYSIS TO DECIDE WHAT
SHOULD BE DONE AND BY WHOM.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Discovery

Completed Date: 1984-06-26 00:00:00

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Discovery

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CAR CAPITOL (Continued)

1000108130

Completed Date: 1983-10-12 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1989-12-20 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-11-16 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspection Report
Completed Date: 1987-06-24 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1989-05-15 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1987-12-03 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 10008, 10060, 10061, 10062, 10067, 10185, 10193, 10194, 10196, 10198, 10199, 20004, 20013, 20015
Potential Description: * HOUSEHOLD WASTES
Potential Description: * OIL/WATER SEPARATION SLUDGE
Potential Description: * ORGANIC LIQUIDS WITH METALS
Potential Description: * ORGANIC MONOMER WASTE, INCLUDING UNREACTED RESINS
Potential Description: * OXYGENATED SOLVENTS
Potential Description: * TANK BOTTOM WASTES
Potential Description: * UNSPECIFIED ACID SOLUTION
Potential Description: * UNSPECIFIED ALKALINE SOLUTIONS
Potential Description: * UNSPECIFIED OIL CONTAINING WASTE
Potential Description: * UNSPECIFIED SOLVENT MIXTURES
Potential Description: * WASTE OIL & MIXED OIL
Potential Description: * DRILLING MUD
Potential Description: * OTHER SPENT CATALYST
Potential Description: * POLYMERIC RESIN WASTE
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

124 SANTA ROSA PLATING WORKS
SSE 80 BARHAM AVE
1/2-1 SANTA ROSA, CA 95407
4093 ft.

ENVIROSTOR S105754203
N/A

Relative:
Lower

Actual:
147 ft.

ENVIROSTOR:
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Barbara Cook
Division Branch: North Coast
Facility ID: 49340003
Site Code: Not reported
Assembly: 07
Senate: 02
Special Program: * Rural County Survey Program
Status: No Further Action
Status Date: 2000-01-07 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 38.4263888888889
Longitude: -122.719166666667
Alias Name: 49340003
Alias Type: Envirostor ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: SITE SCREENING DONE SIC CODE - FORMERLY LOCATED AT 1465 SANTA ROSA AVENUE FACILITY IDENTIFIED IND 1957
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1988-04-20 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-05-13 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

125 SANTA ROSA CIRCUITS
SSE 35 / 48 WEST BARHAM AVENUE
1/2-1 SANTA ROSA, CA 95407
4102 ft.

Database(s) ENVIROSTOR
EDR ID Number 1000395378
EPA ID Number N/A

Relative:
Lower

ENVIROSTOR:

Actual:
146 ft.

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: North Coast
Facility ID: 49360001
Site Code: Not reported
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Status: Refer: RWQCB
Status Date: 1993-09-27 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 0
Longitude: 0
Alias Name: 49360001
Alias Type: Envirostor ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: FACILITY IDENTIFIED INFO ACQUIRED FROM DHS FILES. SITE SCREENING DONE
MORE INFO NEEDED TO DETERMINE THE HAZARD POTENTIAL. CONTACT: EILEEN
KORTAS FIRE DEPT., 955 SONOMA AVE., SANTA ROSA, CA. (707) 576-5311.
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1987-03-18 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1987-03-18 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 20011
Potential Description: * OTHER INORGANIC SOLID WASTE
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

126 KRAFT AUTO WRECKING CO
SE 908 SANTA ROSA AVENUE
1/2-1 SANTA ROSA, CA 95407
4320 ft.

ENVIROSTOR S101482598
N/A

Relative;
Higher

Actual;
160 ft.

ENVIROSTOR:

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: North Coast
Facility ID: 49500026
Site Code: Not reported
Assembly: 07
Senate: 02
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 1993-10-08 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 38.4294444444444
Longitude: -122.711111111111
Alias Name: 49500026
Alias Type: Envirostor ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: SITE SCREENING DONE POSS ONSITE CONTAMFACILITY IDENTIFIED PHONE DIR
1926 - AUTO WRECKERS
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1988-05-12 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-05-18 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

127
NNW
1/2-1
4332 ft.

SUPERIOR SUPPLIES, INC.
40 RIDGEWAY AVENUE
SANTA ROSA, CA 95401

ENVIROSTOR **S101482568**
N/A

Relative:
Lower

Actual:
145 ft.

ENVIROSTOR:

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: North Coast
Facility ID: 49350001
Site Code: Not reported
Assembly: 07
Senate: 02
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 1993-08-27 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 38.4486111111111
Longitude: -122.7275
Alias Name: 49350001
Alias Type: Envirostor ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: SITE SCREENING DONE POTENTIAL TOXIC CONTAMFACILITY IDENTIFIED F&G -
12/11/80 - LONG TERM DISCH SUSP, OIL & POLLUTANTS DISCH TO DITCH,
BANK HEAVILY CONTAM
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1988-02-24 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-25 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

128 MCMINN AVENUE
SW 841 MCMINN AVENUE
1/2-1 SANTA ROSA, CA 95401
4334 ft.

RESPONSE S101482558
ENVIROSTOR N/A

Relative: RESPONSE:
Lower Facility ID: 49280005
Site Type: State Response
Actual: Site Type Detail: State Response or NPL
136 ft. Acres: Not reported
National Priorities List: NO
Cleanup Oversight Agencies: RWQCB 1 - North Coast
Lead Agency: NONE SPECIFIED
Lead Agency Description: Not reported
Project Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: North Coast
Site Code: 200065
Assembly: 07
Senate: 02
Special Program Status: Not reported
Status: Refer: RWQCB
Status Date: 1994-11-10 00:00:00
Restricted Use: NO
Funding: Responsible Party
Latitude: 38.4280555555556
Longitude: -122.731944444444
Alias Name: 200065
49280005
P21041
Alias Type: Project Code (Site Code)
PCode
Envirostor ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: Fact SheetFact SheetFact SheetFacility Identified: BEP - fuel oil
440,000 ug/l & gasoline detected in well. No RP identified. Site
Screening Done: BEP site.Fact SheetSite UpdateFact Sheet
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1988-04-21 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-21 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 1986-08-01 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 1988-08-01 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 1992-06-01 00:00:00
Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MCMINN AVENUE (Continued)

S101482558

Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 1995-12-01 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 1995-12-15 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 1987-05-19 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 20017
Potential Description: * UNSPECIFIED ORGANIC LIQUID MIXTURE
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

ENVIROSTOR:

Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: Not reported
NPL: NO
Regulatory Agencies: RWQCB 1 - North Coast
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Refarmed - Not Assigned
Division Branch: North Coast
Facility ID: 49280005
Site Code: 200065
Assembly: 07
Senate: 02
Special Program: Not reported
Status: Refer: RWQCB
Status Date: 1994-11-10 00:00:00
Restricted Use: NO
Funding: Responsible Party
Latitude: 38.428055555556
Longitude: -122.731944444444
Alias Name: 200065
49280005
P21041
Alias Type: Project Code (Site Code)
PCode
Envirostor ID Number

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MCMINN AVENUE (Continued)

3101482558

APN: NONE SPECIFIED
APN Description: Not reported
Comments: Fact SheetFact SheetFact SheetFacility Identified: BEP - fuel oil
440,000 ug/l & gasoline detected in well. No RP identified. Site
Screening Done: BEP site.Fact SheetSite UpdateFact Sheet
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1988-04-21 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-21 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 1986-08-01 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 1988-08-01 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 1992-06-01 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 1995-12-01 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 1995-12-15 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 1987-05-19 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 20017
Potential Description: * UNSPECIFIED ORGANIC LIQUID MIXTURE
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

129 S.W. BROWN
SW 1175 SEBASTOPOL ROAD
1/2-1 SANTA ROSA, CA 95401
4356 ft.

ENVIROSTOR S101482589
N/A

Relative:
Lower

ENVIROSTOR:

Actual:
136 ft.

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: North Coast
Facility ID: 49500003
Site Code: Not reported
Assembly: 07
Senate: 02
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 1993-09-27 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 38.4286111111111
Longitude: -122.733055555556
Alias Name: 49500003
Alias Type: Envirostor ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: SITE SCREENING DONE POTENTIAL ONSITE CONTAMFACILITY IDENTIFIED SONOMA COUNTY EH - JUNK AUTO WET CELL BATTERIES BURIED AT SITE, VISIBLE CONTAMINATION 10' X 30'
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1988-02-15 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-22 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
Past Use: NONE SPECIFIED

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

130
NNW
1/2-1
4376 ft.

SUPERIOR SUPPLIES INC
40 RIDGEWAY AVENUE
SANTA ROSA, CA 93582

Notify 65
EMI
U000067434
N/A

Relative:
Lower

Notify 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

Actual:
143 ft.

EMI:

Year: 1987
Carbon Monoxide Emissions Tons/Yr: 49
Air Basin: SF
Facility ID: 1486
Air District Name: BA
SIC Code: 3531
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 39
Part. Matter 10 Micrometers & Smllr Tons/Yr: 36

Year: 1990
Carbon Monoxide Emissions Tons/Yr: 49
Air Basin: SF
Facility ID: 1486
Air District Name: BA
SIC Code: 3531
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 37
Part. Matter 10 Micrometers & Smllr Tons/Yr: 34

Year: 1995
Carbon Monoxide Emissions Tons/Yr: 49
Air Basin: SF
Facility ID: 1486
Air District Name: BA
SIC Code: 3531
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SUPERIOR SUPPLIES INC (Continued)

U000067434

Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	19
Part. Matter 10 Micrometers & Smllr Tons/Yr:	17
Year:	1996
Carbon Monoxide Emissions Tons/Yr:	49
Air Basin:	SF
Facility ID:	1486
Air District Name:	BA
SIC Code:	3531
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	19
Part. Matter 10 Micrometers & Smllr Tons/Yr:	17
Year:	1997
Carbon Monoxide Emissions Tons/Yr:	49
Air Basin:	SF
Facility ID:	1486
Air District Name:	BA
SIC Code:	3531
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	29
Part. Matter 10 Micrometers & Smllr Tons/Yr:	27
Year:	1998
Carbon Monoxide Emissions Tons/Yr:	49
Air Basin:	SF
Facility ID:	1486
Air District Name:	BA
SIC Code:	3531
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	36
Part. Matter 10 Micrometers & Smllr Tons/Yr:	33

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SUPERIOR SUPPLIES INC (Continued)

U000067434

Year: 1999
Carbon Monoxide Emissions Tons/Yr: 49
Air Basin: SF
Facility ID: 1486
Air District Name: BA
SIC Code: 3531
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 46
Part. Matter 10 Micrometers & Smllr Tons/Yr: 42

Year: 2000
Carbon Monoxide Emissions Tons/Yr: 49
Air Basin: SF
Facility ID: 1486
Air District Name: BA
SIC Code: 3531
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 46
Part. Matter 10 Micrometers & Smllr Tons/Yr: 42

Year: 2001
Carbon Monoxide Emissions Tons/Yr: 49
Air Basin: SF
Facility ID: 1486
Air District Name: BA
SIC Code: 3531
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 34
Part. Matter 10 Micrometers & Smllr Tons/Yr: 31

Year: 2002
Carbon Monoxide Emissions Tons/Yr: 49
Air Basin: SF
Facility ID: 1486
Air District Name: BA
SIC Code: 3531

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SUPERIOR SUPPLIES INC (Continued)

U000067434

Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 27
Part. Matter 10 Micrometers & Smllr Tons/Yr: 25

Year: 2003
Carbon Monoxide Emissions Tons/Yr: 49
Air Basin: SF
Facility ID: 1486
Air District Name: BA
SIC Code: 3531
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 25
Part. Matter 10 Micrometers & Smllr Tons/Yr: 23

Year: 2004
Carbon Monoxide Emissions Tons/Yr: 49
Air Basin: SF
Facility ID: 1486
Air District Name: BA
SIC Code: 3531
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 28.862
Part. Matter 10 Micrometers & Smllr Tons/Yr: 26.55304

Year: 2005
Carbon Monoxide Emissions Tons/Yr: 49
Air Basin: SF
Facility ID: 1486
Air District Name: BA
SIC Code: 3531
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SUPERIOR SUPPLIES INC (Continued)

U000067434

NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 27.69
Part. Matter 10 Micrometers & Smllr Tons/Yr: 25.4748

131 SONNEN MOTORCARS
SE 965 SANTA ROSA AVE
1/2-1 SANTA ROSA, CA 95404
4415 ft.

Relative:
Higher

Actual:
159 ft.

Notify 65 1000220394
RCRA-SQG CAD981659527
HAZNET
LUST
Cortese
CA FID UST
HIST UST
SWEEPS UST

Notify 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

RCRA-SQG:

Date form received by agency: 02/14/2005
Facility name: SONNEN MOTORCARS
Facility address: 965 SANTA ROSA AVE
SANTA ROSA, CA 95054
EPA ID: CAD981659527
Mailing address: 740 W FRANCISCO BLVD
SAN RAFAEL, CA 94901
Contact: JOJI PULIDO
Contact address: 740 W FRANCISCO BLVD
SAN RAFAEL, CA 94901
Contact country: US
Contact telephone: 415-460-4114
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: CHARLES NILES
Owner/operator address: PO BOX 2348
SANTA ROSA, CA 95405
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/20/1993
Owner/Op end date: Not reported

Owner/operator name: PETER SONNEN
Owner/operator address: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SONNEN MOTORCARS (Continued)

1000220394

Owner/operator country: Not reported
Owner/operator telephone: US
Legal status: Not reported
Owner/Operator Type: Private
Owner/Op start date: Operator
Owner/Op end date: 02/01/2005
Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 11/27/1996
Facility name: SONNEN MOTORCARS
Site name: ZUMWALT MAGRINI CHEV PLYM JEEP
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D008
Waste name: LEAD

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SONNEN MOTORCARS (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000220394

HAZNET:

Gepaid: CAD981659527
Contact: ZUMWALT MAGRINI CHEV PLYM
Telephone: 7075281100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 490
Mailing City,St,Zip: SANTA ROSA, CA 954020000
Gen County: Sonoma
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Not reported
Tons: .4170
Facility County: Sonoma

Gepaid: CAD981659527
Contact: ZUMWALT MAGRINI CHEV PLYM
Telephone: 7075281100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 490
Mailing City,St,Zip: SANTA ROSA, CA 954020000
Gen County: Sonoma
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 2.4603
Facility County: Sonoma

Gepaid: CAD981659527
Contact: ROBERT HEFFEL/
Telephone: 7075432820
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 490
Mailing City,St,Zip: SANTA ROSA, CA 954020000
Gen County: Sonoma
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Waste oil and mixed oil
Disposal Method: Disposal, Land Fill
Tons: 0.04
Facility County: Not reported

Gepaid: CAD981659527
Contact: ZUMWALT MAGRINI CHEV PLYM
Telephone: 7075281100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 490
Mailing City,St,Zip: SANTA ROSA, CA 954020000
Gen County: Sonoma
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SONNEN MOTORCARS (Continued)

1000220394

Disposal Method: Recycler
Tons: .8340
Facility County: Sonoma

Gepaid: CAD981659527
Contact: ZUMWALT MAGRINI CHEV PLYM
Telephone: 7075281100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 490
Mailing City,St,Zip: SANTA ROSA, CA 954020000
Gen County: Sonoma
TSD EPA ID: CAD083459485
TSD County: Fresno
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Tons: .0416
Facility County: Sonoma

[Click this hyperlink](#) while viewing on your computer to access
16 additional CA_HAZNET record(s) in the EDR Site Report.

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608700582
Stop Date: 1988-07-27 00:00:00
Confirm Leak: 1988-08-03 00:00:00
Workplan: 1989-07-07 00:00:00
Prelim Assess: 1989-07-27 00:00:00
Pollution Char: 1980-01-02 00:00:00
Remed Plan: 1997-08-26 00:00:00
Remed Action: 1997-08-26 00:00:00
Monitoring: 1997-08-26 00:00:00
Close Date: 1997-08-26 00:00:00
Discover Date: 1988-07-27 00:00:00
Enforcement Dt: 1997-08-26 00:00:00
Release Date: 1988-07-27 00:00:00
Review Date: 1997-12-22 00:00:00
Enter Date: 1988-08-03 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Gasoline

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SONNEN MOTORCARS (Continued)

1000220394

Contact Person: Not reported
Responsible Party: CHARLIE NILES
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR060
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: NILES, DAVE
Water System Name: Not reported
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: PLAN RC'D 7-7-89. CLS LTR 7-27-89. MW LTR 9-22-89. RPT RC'D 1-2-90, 1-2-90, CLS LTR 1-31-90. JEF LTR 10-5-93. LOC RC'D 4-12-94. JEF LTR 1-18-95, 7-27-95, 3-18-96, 6-21-96. LTR RC'D 7-24-97. BDK CLOSURE LTR 8-26-97.

LUST:

Region: 1
Facility ID: 1TSR060
Staff Initials: Closed

Cortese:

Region: CORTESE
Facility Addr2: 965 SANTA ROSA AVENUE

CA FID UST:

Facility ID: 49000185
Regulated By: UTKA
Regulated ID: 00051801
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075458252
Mail To: Not reported
Mailing Address: 965 SANTA ROSA AVE
Mailing Address 2: Not reported
Mailing City, St, Zip: SANTA ROSA 95404
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

SONNEN MOTORCARS (Continued)

1000220394

NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST UST:

Region: STATE
Facility ID: 00000051801
Facility Type: Other
Other Type: CAR DEALER
Total Tanks: 0004
Contact Name: CHARLES P. NILES
Telephone: 7075458252
Owner Name: NILES AUTOMOBILE CO.
Owner Address: 965 SANTA ROSA AVE.
Owner City,St,Zip: SANTA ROSA, CA 95404

Tank Num: 001
Container Num: 01
Year Installed: Not reported
Tank Capacity: 00000575
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 02
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 003
Container Num: 03
Year Installed: 1946
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 004
Container Num: 04
Year Installed: 1946
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual

SWEEPS UST:

Status: A
Comp Number: 51801

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SONNEN MOTORCARS (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000220394

Number: 9
Board Of Equalization: 44-028317
Ref Date: 07-01-85
Act Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 49-060-051801-000001
Actv Date: 07-01-85
Capacity: 575
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 2

Status: A
Comp Number: 51801
Number: 9
Board Of Equalization: 44-028317
Ref Date: 07-01-85
Act Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 2
Swrcb Tank Id: 49-060-051801-000002
Actv Date: 07-01-85
Capacity: 500
Tank Use: OIL
Stg: W
Content: WASTE OIL
Number Of Tanks: Not reported

132
SE
1/2-1
4442 ft.

REDWOOD EMPIRE LIFE SUPPORT
PETALUMA HILL ROAD 940
SANTA ROSA, CA

Notify 65 S100236257
HAZNET N/A
LUST
Cortese

Relative:
Higher

Actual:
160 ft.

Notify 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

HAZNET:
Gepaid: CAL000060357
Contact: DEACT PER VF96 -PH
Telephone: -
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 940 PETALUMA HILL RD
Mailing City,St,Zip: SANTA ROSA, CA 954010000
Gen County: Sonoma
TSD EPA ID: Not reported
TSD County: Sacramento
Waste Category: Unspecified organic liquid mixture

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

REDWOOD EMPIRE LIFE SUPPORT (Continued)

S100236257

Disposal Method: Transfer Station
Tons: 0.25
Facility County: Not reported

Gepaid: CAL000060357
Contact: STAN CANTOR
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 940 PETALUMA HILL RD
Mailing City,St,Zip: SANTA ROSA, CA 954010000
Gen County: Sonoma
TSD EPA ID: CAL000048571
TSD County: Santa Clara
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 2.8147
Facility County: Sonoma

Gepaid: CAL000060357
Contact: STAN CANTOR
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 940 PETALUMA HILL RD
Mailing City,St,Zip: SANTA ROSA, CA 954010000
Gen County: Sonoma
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Unspecified organic liquid mixture
Disposal Method: Not reported
Tons: .1251
Facility County: Sonoma

Gepaid: CAL000060357
Contact: STAN CANTOR
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 940 PETALUMA HILL RD
Mailing City,St,Zip: SANTA ROSA, CA 954010000
Gen County: Sonoma
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: .3753
Facility County: Sonoma

[Click this hyperlink](#) while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

REDWOOD EMPIRE LIFE SUPPORT (Continued)

S100236257

Funding: VC
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700629
Stop Date: 1989-11-28 00:00:00
Confirm Leak: 1989-11-28 00:00:00
Workplan: 1990-01-23 00:00:00
Prelim Assess: 1990-09-28 00:00:00
Pollution Char: 2004-10-27 00:00:00
Remed Plan: 2005-08-28 00:00:00
Remed Action: 2004-05-17 00:00:00
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1989-11-28 00:00:00
Enforcement Dt: 1990-10-16 00:00:00
Release Date: 1989-11-28 00:00:00
Review Date: 2000-11-28 00:00:00
Enter Date: 1989-11-28 00:00:00
MTBE Date: 1999-08-23 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 52
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Remediation Plan
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: DAVID DEL MONTE
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: C
MTBE Conc: 1
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: JEF
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: A
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR120
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: DAVID DEL MONTE
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

REDWOOD EMPIRE LIFE SUPPORT (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100236257

Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: LOC RC'D 4-12-96. JEF LTR 10-15-98. QRPT 1-29-99. LAM LTR 4-22-99. JEF LTR
9-7-99. PLAN RC'D 11-8-99, 11-18-99. JEF LTR 5-25-00. LTR RC'D 6-16-00. SWRCB
LTR RC'D 8-7-00. PLAN RC'D 9-25-00. JEF LTR 10-13-00. QRPT 11-27-00. FUND LTR
RC'D 5-18-01. QRPT 7-2-01

LUST:

Region: 1
Facility ID: 1TSR120
Staff Initials: JEF

Cortese:

Region: CORTESE
Facility Addr2: Not reported

Region: CORTESE
Facility Addr2: Not reported

133
NNW
1/2-1
4454 ft.

CA NAT'L GUARD ARMORY
1509 ARMORY DRIVE
SANTA ROSA, CA 93582

Notify 65 S100179483
N/A

Relative:
Lower

Notify 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

Actual:
147 ft.

134
SE
1/2-1
4504 ft.

TORVICK INC
1015 SANTA ROSA AVE
SANTA ROSA, CA 95407

Notify 65 1000432904
RCRA-SQG CAD982012114
FINDS
HAZNET
LUST
Cortese

Relative:
Higher

Notify 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

Actual:
157 ft.

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: TORVICK INC
Facility address: 1015 SANTA ROSA AVE
SANTA ROSA, CA 95407
EPA ID: CAD982012114
Mailing address: SANTA ROSA AVE
SANTA ROSA, CA 95407

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

TORVICK INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000432904

Contact: Not reported
Contact address: Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: ROBERT C TORVICK
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TORVICK INC (Continued)

1000432904

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid: CAD982012114
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1015 SANTA ROSA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 1.0425
Facility County: Sonoma

Gepaid: CAD982012114
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1015 SANTA ROSA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAD083166728
TSD County: Stanislaus
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: .0834
Facility County: Sonoma

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700600
Stop Date: 1989-02-07 00:00:00
Confirm Leak: 1989-07-24 00:00:00
Workplan: 1989-12-07 00:00:00
Prelim Assess: 1990-01-17 00:00:00
Pollution Char: 1996-03-06 00:00:00
Remed Plan: 1998-07-29 00:00:00

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

TORVICK INC (Continued)

1000432904

Remed Action: 1998-07-29 00:00:00
Monitoring: 1998-07-29 00:00:00
Close Date: 1998-07-29 00:00:00
Discover Date: 1989-02-07 00:00:00
Enforcement Dt: 1989-02-27 00:00:00
Release Date: 1989-02-07 00:00:00
Review Date: 1998-10-14 00:00:00
Enter Date: 1989-03-09 00:00:00
MTBE Date: 1985-01-01 00:00:00
GW Qualifier: <
Soil Qualifier: Not reported
Max MTBE GW ppb: 20
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Waste Oil
Contact Person: Not reported
Responsible Party: SUMITOMO BANK OF CALIFORNIA
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 1
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: ZZZ
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49060
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR087
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: SUMITOMO BANK OF CALIFORNIA
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: URF ONLY, JEF LTR 10-1-86, 12-23-96, PLAN RC'D 2-3-97, JEF LTR 3-17-97, RPT/QRPT 5-7-97, LTR RC'D 7-1-97, QRPT 7-22-97, LTR RC'D 7-29-97, 9-22-97, QRPT 10-27-97, PLAN RC'D 2-4-98, JEF LTR 3-20-98, RPT RC'D 4-21-98, LAM CLOSURE LTR 7-29-98,

LUST:

Region: 1
Facility ID: 1TSR087
Staff Initials: Closed

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

TORVICK INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000432904

Cortese:

Region: CORTESE
Facility Addr2: 1015 SANTA ROSA AVENUE

135
NNW
1/2-1
4549 ft.

FAST FOREIGN AUTO DISMANTLER
1215 BRIGGS AVENUE
SANTA ROSA, CA 95401

ENVIROSTOR S101482597
N/A

Relative:
Lower

ENVIROSTOR:

Actual:
143 ft.

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: North Coast
Facility ID: 49500019
Site Code: Not reported
Assembly: 07
Senate: 02
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 1993-09-27 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 38.448055555556
Longitude: -122.728333333333
Alias Name: 49500019
Alias Type: Envirostor ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: SITE SCREENING DONE POSS SOIL CONTAMFACILITY IDENTIFIED F & G - SOIL
CONTAM W OIL, GREASE, AND POTASSIUM HYDROXIDE
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1988-03-08 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1988-04-22 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FAST FOREIGN AUTO DISMANTLER (Continued)

S101482597

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

AA136 RESIDENCE
SSE 1267 CORBY AVE
1/2-1 SANTA ROSA, CA 95407
4596 ft.

Notify 65 S100453866
N/A

Site 1 of 3 in cluster AA

Relative:
Lower

Actual:
149 ft.

Notify 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 95407-6112

AA137 RESIDENCE
SSE 1267 CORBY AVE
1/2-1 SANTA ROSA, CA 95407
4596 ft.

Notify 65 S100562408
N/A

Site 2 of 3 in cluster AA

Relative:
Lower

Actual:
149 ft.

Notify 65:
Date Reported: 19920729
Staff Initials: crj
Board File Number: 0TZ920002
Facility Type: mlsc
Discharge Date: Not reported
Incident Description: 95407-6112 Water sample results from domestic well indicate 22 ppb dichlorodifluoromethane present.

AA138 RESIDENCE
SSE 1267 CORBY AVE
1/2-1 SANTA ROSA, CA 95407
4596 ft.

Notify 65 S100453829
N/A

Site 3 of 3 in cluster AA

Relative:
Lower

Actual:
149 ft.

Notify 65:
Date Reported: 19920729
Staff Initials: crj
Board File Number: 0TZ920002
Facility Type: misc
Discharge Date: Not reported
Incident Description: 95407-6112 Water sample results from domestic well indicate 22 ppb dichlorodifluoromethane present.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

AB139 WEST COAST SCRAP METAL
NNW 99 FRANCES STREET
1/2-1 SANTA ROSA, CA 95401
4746 ft.

ENVIROSTOR 5101482567
N/A

Relative: Site 1 of 4 in cluster AB
Lower

Actual: 148 ft.

ENVIROSTOR:

Site Type: Historical

Site Type Detailed: * Historical

Acres: Not reported

NPL: NO

Regulatory Agencies: NONE SPECIFIED

Lead Agency: NONE SPECIFIED

Program Manager: Not reported

Supervisor: Refamed - Not Assigned

Division Branch: North Coast

Facility ID: 49330003

Site Code: 200275

Assembly: 07

Senate: 02

Special Program: * Rural County Survey Program

Status: Refer: RWQCB

Status Date: 1994-06-08 00:00:00

Restricted User: NO

Funding: Not reported

Latitude: 38.45

Longitude: -122.726388888889

Alias Name: 200275
49330003
SOUTHERN PACIFIC RAILROAD

Alias Type: Project Code (Site Code)
Envirostor ID Number
Alternate Name

APN: NONE SPECIFIED

APN Description: Not reported

Comments: FACILITY IDENTIFIED SONOMA COUNTY EH - CONTAM SOILSITE SCREENING DONE
THIS SITE IS ONE OF SEVERAL UNDER RWQCB ORDER FOR TCE PLUME EXTENDING
TOWARDS DOWNTOWN SANTA ROSA. SEVERAL WATER SUPPLY WELLS HAVE BEEN
IMPACTED.SITE SCREENING DONE HIGH PROBABILITY OF ONSITE CONTAMPRELIM
ASSESS DONE SINCE THIS SITE WAS IDENTIFIED, THE RWQCB HAS ASSUMED
LEAD AGENCY STATUS AND HAS REQUIRED CHARACTERIZATION AND MITIGATIVE
WORK AT THE SITE. THE RP IS COOPERATIVE.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Discovery

Completed Date: 1988-02-09 00:00:00

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Assessment Report

Completed Date: 1989-07-10 00:00:00

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Site Screening

Completed Date: 1988-04-25 00:00:00

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Site Screening

Completed Date: 1991-03-21 00:00:00

Confirmed: NONE SPECIFIED

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WEST COAST SCRAP METAL (Continued)

S101482567

Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

AB140 SOUTHERN PACIFIC TRANS CO
NNW 99 FRANCES
1/2-1 SANTA ROSA, CA 95403
4746 ft.

Notify 65 S100179627
Cortese N/A

Site 2 of 4 in cluster AB

Relative:
Lower

Notify 65:

Actual:
148 ft.

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

Cortese:

Region: CORTESE
Facility Addr2: Not reported

Region: CORTESE
Facility Addr2: Not reported

Region: CORTESE
Facility Addr2: Not reported

AB141 SOUTHERN-PACIFIC
NNW 99 FRACIS AVENUE
1/2-1 SANTA ROSA, CA 93582
4766 ft.

Notify 65 S100179402
N/A

Site 3 of 4 in cluster AB

Relative:
Lower

Notify 65:

Actual:
148 ft.

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AB142 WEST COAST WELDERS
NNW CLEVELAND AVENUE 1377
1/2-1 SANTA ROSA, CA
4824 ft.

Database(s) EDR ID Number
EPA ID Number

Notify 65 \$100236164
LUST N/A
Cortese

Relative: Site 4 of 4 in cluster AB
Lower

Actual: Notify 65:
148 ft. Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: Not reported
Enf Type: R
Funding: EF
How Discovered: OM
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0609700607
Stop Date: 1989-06-16 00:00:00
Confirm Leak: 1989-06-16 00:00:00
Workplan: 1990-03-20 00:00:00
Prelim Assess: 1990-04-04 00:00:00
Pollution Char: 1990-06-08 00:00:00
Remed Plan: 1990-06-08 00:00:00
Remed Action: 1990-06-08 00:00:00
Monitoring: 1990-06-11 00:00:00
Close Date: 1993-03-16 00:00:00
Discover Date: 1989-06-16 00:00:00
Enforcement Dt: 1993-03-16 00:00:00
Release Date: 1989-06-16 00:00:00
Review Date: 1996-06-20 00:00:00
Enter Date: 1989-06-16 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 49
Org Name: Not reported
Reg Board: North Coast Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: RICHARD L. BRADLEY
RP Address: P.O. BOX 1921 SANTA ROSA
Interim: Yes
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
Staff: ZZZ

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WEST COAST WELDERS (Continued)

S100236164

Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: 49080
Hydr Basin #: SANTA ROSA VALLEY (1
Beneficial: MUN, AGR, IND
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 1TSR096
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in
approved site
Operator: DICK BEATHERAGE
Water System Name: Not reported
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: URF RC'D 5-25-89. RC'D LTR 7-7-89. LTR 6-30-89. PLAN RC'D 3-20-90. KA LTR
4-4-90. RPT RC'D 6-8-90. KA LTR 6-11-90. QRPT 1-16-92. RPT RC'D 4-20-92. QRPT
7-17-92,10-19-92. JEF LTR 3-16-93,8-16-95.

LUST:
Region: 1
Facility ID: 1TSR096
Staff Initials: Closed

Cortese:
Region: CORTESE
Facility Addr2: 1377 CLEVELAND AVENUE

143
SW
1/2-1
4825 ft.
WILSON BAUGH ENTERPRISES
805 SEBASTOPAL
SANTA ROSA, CA 93582

Notify 65 S100179383
N/A

Relative:
Lower
Actual:
134 ft.
Notify 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93582

144
ESE
1/2-1
5159 ft.
REDWOOD OIL CO
1100 BENNETT AVE
SANTA ROSA, CA 95404

Notify 65 S100179473
HAZNET N/A

Relative:
Higher
Actual:
167 ft.
Notify 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

REDWOOD OIL CO (Continued)

S100179473

Discharge Date: Not reported
Incident Description: 93582

HAZNET:

Gepaid: CAC000918632
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 455 YOLANDA AVENUE
Mailing City,St,Zip: SANTA ROSA, CA 954020000
Gen County: Sonoma
TSD EPA ID: CAD083166728
TSD County: Stanislaus
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 1.6680
Facility County: Sonoma

Gepaid: CAC000758728
Contact: REDWOOD OIL CO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 428
Mailing City,St,Zip: SANTA ROSA, CA 954020000
Gen County: Sonoma
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 1.2510
Facility County: Sonoma

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SANTA ROSA	S103886976	SONOMA COUNTY 10TH STREET CORPORATION	10TH STREET 24		LUST
SANTA ROSA	S105050963	SANTA ROSA CITY / HIGHWAY 12 INTERCHANGE	HIGHWAY 12 @ STONY POINT ROAD	95401	LUST, SLIC
SANTA ROSA	S106235093	LOS GUILICOS	HWY 12 / PYTHIAN RD		SLIC
SANTA ROSA	S101304919	SHELL (DUTTON)	DUTTON AVENUE 255		Notify 65, LUST, Cortese, SLIC
SANTA ROSA	1004676250	CALTRANS DIST 4	LLANO RD TO HWY 101 INTERCHANG	95401	RCRA-SQG, FINDS
SANTA ROSA	S105051171	SANTA ROSA COMMUNITY DEVELOPMENT SW AREA	LUDWIG ROAD/WRIGHT ROAD/HIGHWAY 12 / 101		LUST, SLIC
SANTA ROSA	S104857240	MISSION ARBORS	MISSION BLVD AT HIGHWAY 12 100		LUST
SANTA ROSA	S101627173	LES PETERSEN DRILLING & PUMP I	5434 OLD RDW HWY	95401	CA FID UST, SWEEPS UST
SANTA ROSA	S104857236	AUTO EXCHANGE	OLD REDWOOD HIGHWAY 5352		LUST
SANTA ROSA	S103886828	SANTA ROSA STORM DRAIN IMPROVEMENTS-RR	RAILROAD SQUARE	95401	LUST, SLIC
SANTA ROSA	S102429807	FAST & EASY MART	REDWOOD HIGHWAY, OLD 5321		LUST
SANTA ROSA	S104163196	YOLO, DANIEL	REDWOOD HIGHWAY, OLD 5807		LUST, Cortese
SANTA ROSA	S104163195	STEVENSON EQUIPMENT	REDWOOD HIGHWAY, OLD 3975		LUST
SANTA ROSA	S108540895	HAARKINS MECHANICAL SERVICE	215B ROBERTS AVE	95401	CLEANERS
SANTA ROSA	S105180968	SANTA ROSA PRINCE MEMORIAL GREENWAY	SANTA ROSA CREEK (ALL)	95401	LUST, SLIC
SANTA ROSA	S101316135	SONOMA COUNTY COMMUNITY DEVELOPMENT	SEBASTOPOL ROAD	95407	LUST, SLIC
SANTA ROSA	S103886798	SEBASTOPOL RD @ WEST AVENUE - HVOC PLUME	SEBASTOPOL ROAD	95407	LUST, SLIC
SANTA ROSA	S108163582	MCMINN AVENUE SUPERFUND AREA	1100 SEBASTOPOL ROAD / ROSELAND AREA	95401	LUST
SANTA ROSA	1003876881	PG&E GAS PLANT SANTA ROSA 104 8	S SIDE 1ST NR B ST	95401	CERC-NFRAP
SANTA ROSA	S104857226	AHL PROPERTY	STONY POINT ROAD 5307		LUST
SANTA ROSA	U003783090	MITRI SHAMI	13333 4TH STREET	95401	UST
SANTA ROSA	S104857250	MARSHALL PROPERTY	WALLACE ROAD 3900		LUST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

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

Date of Government Version: 10/02/2007	Source: EPA
Date Data Arrived at EDR: 12/03/2007	Telephone: N/A
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 07/31/2007
Number of Days to Update: 25	Next Scheduled EDR Contact: 10/29/2007
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-8686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/02/2007	Source: EPA
Date Data Arrived at EDR: 12/03/2007	Telephone: N/A
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 08/31/2007
Number of Days to Update: 25	Next Scheduled EDR Contact: 10/29/2007
	Data Release Frequency: Quarterly

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: 10/02/2007	Source: EPA
Date Data Arrived at EDR: 12/03/2007	Telephone: N/A
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 08/29/2007
Number of Days to Update: 25	Next Scheduled EDR Contact: 10/29/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 11/15/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: No Update Planned

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: 04/23/2007	Source: EPA
Date Data Arrived at EDR: 06/20/2007	Telephone: 703-412-9810
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 12/06/2007
Number of Days to Update: 70	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: Quarterly

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: 06/21/2007	Source: EPA
Date Data Arrived at EDR: 07/23/2007	Telephone: 703-412-9810
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 12/06/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/18/2007	Source: EPA
Date Data Arrived at EDR: 12/03/2007	Telephone: 800-424-9346
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 12/03/2007
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/03/2008
	Data Release Frequency: Quarterly

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: 12/31/2006	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/24/2007	Telephone: 202-267-2180
Date Made Active in Reports: 03/12/2007	Last EDR Contact: 10/19/2007
Number of Days to Update: 47	Next Scheduled EDR Contact: 01/21/2008
	Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/16/2007
Next Scheduled EDR Contact: 01/14/2008
Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/16/2007
Date Data Arrived at EDR: 08/03/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/16/2007
Date Data Arrived at EDR: 08/03/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 11/09/2007
Next Scheduled EDR Contact: 02/04/2008
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 08/31/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 41

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

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: 06/20/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/09/2007	Telephone: 202-566-2777
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 12/13/2007
Number of Days to Update: 51	Next Scheduled EDR Contact: 03/10/2008
	Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/01/2007	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 12/03/2007	Telephone: Varies
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 09/21/2007
Number of Days to Update: 25	Next Scheduled EDR Contact: 01/21/2008
	Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/08/2007	Source: EPA
Date Data Arrived at EDR: 07/03/2007	Telephone: 703-416-0223
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 01/02/2008
Number of Days to Update: 57	Next Scheduled EDR Contact: 03/31/2008
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/08/2006	Telephone: 505-845-0011
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/17/2008
	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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 04/27/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 69

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 12/18/2007
Next Scheduled EDR Contact: 03/17/2008
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: 11/14/2007
Next Scheduled EDR Contact: 01/14/2008
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: 07/06/2007
Date Data Arrived at EDR: 07/20/2007
Date Made Active in Reports: 09/18/2007
Number of Days to Update: 60

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
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: 07/06/2007
Date Data Arrived at EDR: 07/20/2007
Date Made Active in Reports: 09/18/2007
Number of Days to Update: 60

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: Quarterly

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/13/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 45

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/15/2007
Next Scheduled EDR Contact: 01/14/2008
Data Release Frequency: Annually

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 12/10/2007
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 08/14/2007

Date Data Arrived at EDR: 08/29/2007

Date Made Active in Reports: 10/11/2007

Number of Days to Update: 43

Source: Department of Transportation, Office of Pipeline Safety

Telephone: 202-366-4595

Last EDR Contact: 11/29/2007

Next Scheduled EDR Contact: 02/25/2008

Data Release Frequency: Varies

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/27/2007

Date Data Arrived at EDR: 08/13/2007

Date Made Active in Reports: 10/11/2007

Number of Days to Update: 59

Source: Environmental Protection Agency

Telephone: 202-564-5088

Last EDR Contact: 10/15/2007

Next Scheduled EDR Contact: 01/14/2008

Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/11/2007

Date Data Arrived at EDR: 12/03/2007

Date Made Active in Reports: 12/28/2007

Number of Days to Update: 25

Source: Environmental Protection Agency

Telephone: (415) 495-8895

Last EDR Contact: 12/21/2007

Next Scheduled EDR Contact: 02/18/2008

Data Release Frequency: Varies

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: 09/11/2007

Date Data Arrived at EDR: 12/03/2007

Date Made Active in Reports: 12/28/2007

Number of Days to Update: 25

Source: Environmental Protection Agency

Telephone: (415) 495-8895

Last EDR Contact: 12/21/2007

Next Scheduled EDR Contact: 02/18/2008

Data Release Frequency: Varies

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: 07/25/2007

Date Data Arrived at EDR: 07/31/2007

Date Made Active in Reports: 10/11/2007

Number of Days to Update: 72

Source: EPA, Region 9

Telephone: 415-972-3336

Last EDR Contact: 12/26/2007

Next Scheduled EDR Contact: 03/24/2008

Data Release Frequency: Varies

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/21/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/21/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Quarterly

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.

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/21/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 08/08/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/31/2007
Date Data Arrived at EDR: 08/01/2007
Date Made Active in Reports: 08/29/2007
Number of Days to Update: 28

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/31/2007
Next Scheduled EDR Contact: 01/28/2008
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/28/2007
Next Scheduled EDR Contact: 03/24/2008
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

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 04/12/2007
Date Data Arrived at EDR: 06/08/2007
Date Made Active in Reports: 08/29/2007
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 08/09/2007
Next Scheduled EDR Contact: 11/05/2007
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/04/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/14/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 01/03/2008
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Semi-Annually

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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/18/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 12/03/2007
Next Scheduled EDR Contact: 03/03/2008
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
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/13/2007
Number of Days to Update: 38

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/13/2007
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 11/26/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: No Update Planned

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

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

Date of Government Version: 08/28/2007
Date Data Arrived at EDR: 08/29/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/28/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active In Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 10/26/2007
Next Scheduled EDR Contact: 01/28/2008
Data Release Frequency: No Update Planned

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.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/12/2007
Date Made Active In Reports: 09/28/2007
Number of Days to Update: 16

Source: Integrated Waste Management Board
Telephone: 916-341-6320
Last EDR Contact: 12/13/2007
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active In Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 12/03/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active In Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
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.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 05/29/2001
Date Made Active In Reports: 07/26/2001
Number of Days to Update: 58

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 10/19/2007
Next Scheduled EDR Contact: 01/21/2008
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 10/09/2007
Date Data Arrived at EDR: 10/11/2007
Date Made Active In Reports: 11/07/2007
Number of Days to Update: 27

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 10/11/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 10/15/2007
Next Scheduled EDR Contact: 01/14/2008
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

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

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 11/05/2007
Next Scheduled EDR Contact: 02/04/2008
Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 12/03/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calaveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2007
Date Data Arrived at EDR: 08/01/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 8

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 11/07/2007
Next Scheduled EDR Contact: 12/31/2007
Data Release Frequency: Quarterly

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: 12/26/2007
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/13/2007
Next Scheduled EDR Contact: 02/11/2008
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: 10/09/2007
Next Scheduled EDR Contact: 01/07/2008
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: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 10/10/2007
Date Data Arrived at EDR: 10/11/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 10/11/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Quarterly

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: No Update Planned

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 10/10/2007
Date Data Arrived at EDR: 10/11/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 10/11/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: No Update Planned

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 10/09/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Quarterly

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 11/13/2007
Next Scheduled EDR Contact: 02/11/2008
Data Release Frequency: Semi-Annually

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 10/18/2007
Next Scheduled EDR Contact: 01/21/2008
Data Release Frequency: Varies

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 819-241-6583
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
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: 12/03/2007
Next Scheduled EDR Contact: 03/03/2008
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: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
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: 10/02/2007
Date Data Arrived at EDR: 10/03/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 35

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
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: 11/26/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Annually

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 10/10/2007
Date Data Arrived at EDR: 10/11/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 21

Source: SWRCB
Telephone: 916-480-1028
Last EDR Contact: 10/11/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/25/2007
Date Data Arrived at EDR: 09/25/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 37

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 12/26/2007
Next Scheduled EDR Contact: 03/24/2008
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

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 09/17/2007
Date Data Arrived at EDR: 09/18/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 44

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 11/13/2007
Next Scheduled EDR Contact: 01/28/2008
Data Release Frequency: Quarterly

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/27/2007
Date Data Arrived at EDR: 08/28/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/05/2007
Next Scheduled EDR Contact: 02/04/2008
Data Release Frequency: Varies

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 1980'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

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: 12/31/2005
Date Data Arrived at EDR: 02/23/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 42

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 10/15/2007
Next Scheduled EDR Contact: 01/14/2008
Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 10/02/2007
Date Data Arrived at EDR: 10/03/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/04/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 08/28/2007
Date Data Arrived at EDR: 08/29/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/28/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 07/31/2007
Date Data Arrived at EDR: 07/31/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 9

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 09/30/2007
Date Data Arrived at EDR: 10/31/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 7

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 10/23/2007
Next Scheduled EDR Contact: 01/21/2008
Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/2007
Date Data Arrived at EDR: 10/15/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 10/15/2007
Next Scheduled EDR Contact: 01/21/2008
Data Release Frequency: Varies

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: 08/28/2007
Date Data Arrived at EDR: 08/29/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/28/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 10/04/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 34

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 11/07/2007
Next Scheduled EDR Contact: 02/04/2008
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 04/17/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 23

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 10/18/2007
Next Scheduled EDR Contact: 01/14/2008
Data Release Frequency: Varies

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 09/17/2007
Date Data Arrived at EDR: 09/18/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 10

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Varies

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: 08/28/2007
Date Data Arrived at EDR: 08/29/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/28/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/09/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/04/2008
	Data Release Frequency: Semi-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: 09/12/2007	Source: EPA Region 10
Date Data Arrived at EDR: 09/14/2007	Telephone: 206-553-2857
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/05/2007	Source: EPA Region 4
Date Data Arrived at EDR: 10/02/2007	Telephone: 404-562-8677
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 9	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/18/2007	Source: EPA Region 6
Date Data Arrived at EDR: 12/03/2007	Telephone: 214-665-6597
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 25	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 12/03/2007	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2007	Telephone: 303-312-6271
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 22	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2007	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 11/30/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2007	Telephone: 415-972-3372
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006	Source: EPA Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-818-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 09/05/2007	Source: EPA Region 4
Date Data Arrived at EDR: 10/02/2007	Telephone: 404-562-9424
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 9	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 12/13/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 09/12/2007	Source: EPA Region 10
Date Data Arrived at EDR: 09/14/2007	Telephone: 206-553-2857
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 08/27/2007	Source: EPA Region 8
Date Data Arrived at EDR: 09/07/2007	Telephone: 303-312-6137
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006	Source: EPA, Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-818-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 08/31/2007	Source: EPA Region 6
Date Data Arrived at EDR: 08/31/2007	Telephone: 214-665-7591
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/01/2007
Date Data Arrived at EDR: 06/14/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 21

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 09/14/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 27

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Quarterly

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 (oil 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

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/22/2007
Date Data Arrived at EDR: 10/23/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 15

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/22/2007
Next Scheduled EDR Contact: 01/21/2008
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 08/03/2007
Date Data Arrived at EDR: 08/07/2007
Date Made Active in Reports: 09/24/2007
Number of Days to Update: 48

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 11/05/2007
Next Scheduled EDR Contact: 01/21/2008
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 09/14/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 14

Source: Contra Costa Health Services Department
Telephone: 925-846-2286
Last EDR Contact: 11/26/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

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

Date of Government Version: 10/09/2007
Date Data Arrived at EDR: 10/10/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 28

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 11/05/2007
Next Scheduled EDR Contact: 02/04/2008
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 10/03/2007
Date Data Arrived at EDR: 10/04/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 28

Source: Kern County Environment Health Services Department
Telephone: 681-862-8700
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/03/2008
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: 07/16/2007
Next Scheduled EDR Contact: 10/15/2007
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/11/2007
Date Data Arrived at EDR: 10/23/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 15

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 11/13/2007
Next Scheduled EDR Contact: 02/11/2008
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/17/2007
Date Data Arrived at EDR: 09/24/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 4

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 11/14/2007
Next Scheduled EDR Contact: 02/11/2008
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 12/10/2007
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 05/30/2007
Date Data Arrived at EDR: 07/11/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 29

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 11/13/2007
Next Scheduled EDR Contact: 02/11/2008
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 08/13/2007
Date Data Arrived at EDR: 09/24/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 38

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 11/13/2007
Next Scheduled EDR Contact: 02/11/2008
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 11/16/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 09/24/2007
Date Data Arrived at EDR: 09/25/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 37

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 11/26/2007
Next Scheduled EDR Contact: 02/11/2008
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 08/06/2007
Date Data Arrived at EDR: 09/24/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 38

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 11/29/2007
Next Scheduled EDR Contact: 01/28/2008
Data Release Frequency: Semi-Annually

NAPA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 09/24/2007
Date Data Arrived at EDR: 09/25/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 3

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/26/2007
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 08/24/2007
Date Data Arrived at EDR: 09/25/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 37

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/26/2007
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 08/01/2007
Date Data Arrived at EDR: 09/28/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 40

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 12/06/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/01/2007
Date Data Arrived at EDR: 09/28/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 40

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 12/06/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2007
Date Data Arrived at EDR: 09/25/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 37

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 12/06/2007
Next Scheduled EDR Contact: 03/03/2008
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: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 08/06/2007
Date Data Arrived at EDR: 08/07/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 50

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 10/15/2007
Next Scheduled EDR Contact: 01/14/2008
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 08/06/2007
Date Data Arrived at EDR: 08/07/2007
Date Made Active in Reports: 09/24/2007
Number of Days to Update: 48

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 10/15/2007
Next Scheduled EDR Contact: 01/14/2008
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Contaminated Sites

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 10/29/2007
Date Data Arrived at EDR: 10/30/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 8

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/26/2007
Next Scheduled EDR Contact: 01/28/2008
Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List

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

Date of Government Version: 10/29/2007
Date Data Arrived at EDR: 10/30/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 8

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/26/2007
Next Scheduled EDR Contact: 01/28/2008
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 09/27/2007
Date Data Arrived at EDR: 09/28/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 40

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 12/03/2007
Next Scheduled EDR Contact: 12/03/2007
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/16/2005
Date Data Arrived at EDR: 05/18/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 29

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 10/05/2007
Next Scheduled EDR Contact: 12/31/2007
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2006
Date Data Arrived at EDR: 01/03/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 21

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 11/19/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 08/22/2007
Date Data Arrived at EDR: 10/03/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 35

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 01/04/2008
Next Scheduled EDR Contact: 03/31/2008
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: 09/07/2007
Date Data Arrived at EDR: 09/07/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 21

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 09/07/2007
Date Data Arrived at EDR: 09/07/2007
Date Made Active in Reports: 09/24/2007
Number of Days to Update: 17

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/03/2008
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: 08/21/2007
Date Data Arrived at EDR: 08/22/2007
Date Made Active in Reports: 09/24/2007
Number of Days to Update: 33

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 10/15/2007
Next Scheduled EDR Contact: 01/14/2008
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 10/24/2007
Date Data Arrived at EDR: 10/25/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 13

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 10/09/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 10/09/2007
Date Data Arrived at EDR: 10/10/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 28

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 10/09/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 12/26/2007
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/26/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 12/26/2007
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Varies

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 09/17/2007
Date Data Arrived at EDR: 09/17/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 11

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 09/24/2007
Date Data Arrived at EDR: 10/23/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 15

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/26/2007
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/24/2007
Date Data Arrived at EDR: 10/23/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 9

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/26/2007
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/22/2007
Date Data Arrived at EDR: 10/23/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 15

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 10/22/2007
Next Scheduled EDR Contact: 01/21/2008
Data Release Frequency: Quarterly

SUTTER COUNTY:

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: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
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: 08/24/2007
Date Data Arrived at EDR: 10/04/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 34

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/13/2007
Next Scheduled EDR Contact: 03/10/2008
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: 08/01/2007
Date Data Arrived at EDR: 08/29/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 28

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/19/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 08/27/2007
Date Data Arrived at EDR: 10/02/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 36

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/13/2007
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 09/26/2007
Date Data Arrived at EDR: 10/11/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 21

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/11/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 07/30/2007
Date Data Arrived at EDR: 09/04/2007
Date Made Active in Reports: 09/24/2007
Number of Days to Update: 20

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 10/15/2007
Next Scheduled EDR Contact: 01/14/2008
Data Release Frequency: Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 06/15/2007
Date Made Active in Reports: 08/20/2007
Number of Days to Update: 66

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 12/13/2007
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 09/30/2007
Date Data Arrived at EDR: 12/04/2007
Date Made Active in Reports: 12/31/2007
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/03/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/27/2007
Date Data Arrived at EDR: 08/30/2007
Date Made Active in Reports: 09/21/2007
Number of Days to Update: 22

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/29/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 08/23/2007
Date Made Active in Reports: 09/27/2007
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/10/2007
Next Scheduled EDR Contact: 09/10/2007
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/12/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 04/27/2007
Date Made Active in Reports: 06/08/2007
Number of Days to Update: 42

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 10/09/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Annually

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 for 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

STREET AND ADDRESS INFORMATION

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APPENDIX G
SITE DOCUMENTATION

2101 Webster Street
12th Floor
Oakland, CA 94612
(510) 663-4100 • FAX (510) 663-4141



January 15, 2003
Project 2770.005

Ms. Joan Fleck
California Regional Water Quality Control Board
North Coast Region
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

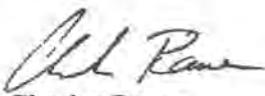
Subject: Environmental Site Conditions and Proposed Action Plan
Santa Rosa Station Phased Closing Property
Santa Rosa, California

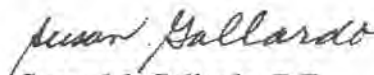
Dear Ms. Fleck:

On behalf of the Union Pacific Railroad Company (UPRR), Geomatrix Consultants, Inc. (Geomatrix) is submitting this summary report of environmental conditions at the Santa Rosa Phased Closing Property (the site) based on data generated from investigations conducted at the site during the period of 1987 through 2002. This report also proposes a mitigation plan for the site.

Please call John Moe or UPRR at (415) 541-7020, or the undersigned if you have any questions.

Sincerely yours,
GEOMATRIX CONSULTANTS, INC.


Charles Rome
Project Geologist


Susan M. Gallardo, P.E.
Principal Engineer

CFR/SMG:ldu
I:\Doc_Safe\2000s\2770.05\Fine_July_2002_Investigation\Cover_ltr.doc

Enclosure

cc: John Moe, Union Pacific Railroad Company
Norma Jellison, Golden Gate Bridge & Transportation District
Leah Goldberg, Hanson, Bridgett, Marcos, Vlahos, and Rudy
Peter Krasnoff, West Environmental Services & Technology

Geomatrix Consultants, Inc.
Engineers, Geologists, and Environmental Scientists

Environmental Site Conditions and Proposed Action Plan

Santa Rosa Station Phased Closing Property
Santa Rosa, California

Prepared for:

Union Pacific Railroad Company

49 Stevenson Street, 15th Floor
San Francisco, California 94105

Prepared by:

Geomatrix Consultants, Inc.

2101 Webster Street, 12th Floor
Oakland, California 94612
(510) 663-4100

January 2003

Project No. 2770.005

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ENVIRONMENTAL SITE CONDITIONS AND PROPOSED ACTION PLAN

Santa Rosa Station Phased Closing Property
Santa Rosa, California

1.0 INTRODUCTION

Geomatrix Consultants, Inc. (Geomatrix), has prepared this report on behalf of Union Pacific Railroad (UPRR), to 1) report recent investigative actions conducted at the Santa Rosa Station Phased Closing Property (the site; Figure 1); 2) summarize environmental conditions based on data obtained during the recent and previous site characterization efforts; and 3) present recommendations to address soil and groundwater containing constituents of concern. The overall objective of the recently conducted investigative activities and comprehensive evaluation discussed herein is to complete activities required by the California Regional Water Quality Control Board – North Coast Region (RWQCB) to achieve regulatory closure. This report is divided into the following sections:

- **Section 2.0 – Site Background:** describes the land use surrounding the site, subsurface utilities at the site, regional and site geology and hydrogeology, water-producing wells located near the site, and nearby known environmental sites.
- **Section 3.0 – Summary of Investigative Activities – 1987 through 2001:** summarizes site activities performed during the period of 1987 through 2001 including the removal of underground storage tanks (USTs), soil and grab groundwater sampling, monitoring well installation and sampling, and a geophysical survey. The results of these activities have been documented previously and submitted to the RWQCB.
- **Section 4.0 – Investigative Activities – 2002:** summarizes the additional activities conducted at the site in 2002, which included drilling borings for visual observation, soil and grab groundwater sampling, removal of a subsurface pipeline, and collection of additional soil samples for leachability testing. These activities are presented separately from the pre-2001 activities because they have not previously been reported to the RWQCB. Field and analytical methods applied during these activities are presented in Appendix A.
- **Section 5.0 – Results of Soil and Groundwater Investigations:** presents a summary of data collected at the site since investigations began in 1987. The data includes visual observations of soil and soil sampling; grab groundwater sampling; and monitoring well sampling analytical results. As applicable, the results are compared to published screening criteria that consider risk to human health and the environment to provide a

context for initially evaluating the results, and selecting constituents of concern (COCs) at the site.

- **Section 6.0 – Discussion of Site Conditions:** presents a conceptual site model and discussion of environmental site conditions at various areas of the site including the fenced enclosure and the area of visually impacted soil in the northwestern area of the site. The discussion of site conditions considers the COCs identified in Section 5 and the conceptual site model.
- **Section 7.0 – Site-Specific Remedial Action Objectives:** presents remedial goals for the site, considering applicable regulations and policies.
- **Section 8.0 – Development and Evaluation of Remedial Alternatives:** evaluates and presents a remedial alternative for site mitigation.
- **Section 9.0 – Implementation of Recommended Alternative:** proposes a recommended schedule to achieve site closure.
- **Section 10.0 – References:** lists references used in development of this report.

2.0 SITE BACKGROUND AND STATUS

Based on previous work conducted at the site by Geomatrix and others, this section describes the land use surrounding the site, subsurface utilities at the site, regional and site geology and hydrogeology, water producing wells located near the site, and nearby known environmental sites. For purposes of this report, site north and south are toward 6th and 3rd Streets, respectively; west is toward Santa Rosa Creek, and east is toward the Northwestern Pacific Railroad Authority (NWPRA) right-of-way.

2.1 SITE DESCRIPTION

The site is located along the NWPRA right-of-way in a commercial area of central Santa Rosa, California (Figure 1). The site, shown on Figure 2, occupies assessor parcel number (APN) 010-171-004. Currently the site is owned by UPRR and is designated for sale to the NWPRA.

The site is vacant with the exception of a chain-link fenced enclosure (“fenced enclosure”) in the eastern portion of the site, which until recently was used by Northwestern Pacific Railway Company, LLC (Railways) as a maintenance and storage yard. Within the fenced enclosure are a permanent, wooden structure that appears to be an office building, a small shed that was used for storage of waste oils, and an empty octagonal structure. Potential site use under consideration includes a commuter rail station and commercial and/or mixed-use redevelopment.

2.2 HISTORICAL SITE USE AND FEATURES

The site was formerly used as a water and fuel station for the Northwestern Pacific Railroad (NWPRR; the NWPRR was acquired by the Southern Pacific Railroad Company [SPTCo] in late 1906). Within the southeastern portion of the site was a turntable that was dismantled in 1925. Also in this portion of the site was a pump house. A 3000-bbl (126,000 gallons) aboveground oil storage tank (3000-bbl AST), two oil traps, and an oil column also were located along the western boundary of the site (Figure 2). According to records maintained by the SPTCo¹, these facilities were constructed between 1939 and 1945 and were removed in 1960. A pump house was located approximately southeast of the 3000-bbl tank. An office and fuel storage house were located in the north-central portion of the site. Also in this area were three USTs (10,000-gallon diesel, 10,000-gallon gasoline and 230-gallon fuel oil). These three USTs were removed in 1987.

Information identified on historical Sanborn Fire Insurance maps (Sanborn maps) from the years 1893, 1904, 1908, and 1950 indicated the presence of an additional former oil UST in the northwestern portion of the site that may have been associated with either a fruit canning facility that was located adjacent to and west of the site or a wool mill that was partially located in the northeastern area of the site (as shown on Sanborn maps dated 1893, 1904, and 1908).

The approximate locations of these historical features are based on information from SPTCo railroad valuation maps, Sanborn maps, and figures prepared by others to report earlier investigative activities, and are shown on Figure 2.

2.3 SITE SETTING

2.3.1 Surrounding Land Use

The site is located in a primarily commercial area of Santa Rosa. It is bordered by the NWPRRA property to the east and 3rd and 6th Streets to the south and north, respectively. Warehouse facilities exist to the west. Based on information from the historical Sanborn maps, petroleum USTs formerly existed off site, within the warehouse located adjacent to the central portion of the site's western boundary (Figure 2). An oil pump or tank(s) has been identified at the off-site warehouse by the RWQCB (personal communication; J. Fleck). It is not known whether the RWQCB-identified feature corresponds to the historical USTs that were depicted on the Sanborn maps and shown on Figure 2.

¹ SPTCo was purchased by UPRR in 1996.

West of the warehouse facilities and approximately 150 to 200 feet from the site is Santa Rosa Creek (Figure 2). A residential area is located west of the Creek.

2.3.2 Subsurface Utilities

Subsurface utilities located within the site boundary are presented on Figure 2. As shown on Figure 2, utilities include two City of Santa Rosa storm water lines, and two City of Santa Rosa sewer lines. The storm water lines traverse the site in an east/west direction, extending along the trends of 4th and 5th Streets, and discharge into Santa Rosa Creek. The sewer lines intersect a sewer main on the western side of the site that runs the length of the site in a north/south direction and extends to both 3rd and 6th Streets. Based on utility maps obtained from the City of Santa Rosa, the sanitary sewer is located approximately 4 to 6 feet below ground surface (bgs) at elevations ranging across the site from about 146 to 144 feet above mean sea level (msl). The utility maps do not show the depths of the storm water lines.

2.3.3 Geology and Hydrogeology

The site is located on the edge of the Santa Rosa Plain, the distal portion of a broad alluvial fan that slopes from the west from the Sonoma Mountains to Laguna de Santa Rosa. Santa Rosa Creek flows westward across the plain, draining the Sonoma Mountains and discharging into Laguna de Santa Rosa, which in turn drains northward into the Russian River. Shallow unconsolidated sediments beneath the plain consist of alluvial fan deposits dominated by lenticular beds of poorly graded gravel, sand, silt, and clay that are characterized by widely varying thicknesses and lateral grainsize gradations over short distances.

Locally the site geology is generally composed of fill, aggregate baserock, and silty sand from ground surface to approximately one foot bgs. This fill is primarily underlain by interbedded clay, sandy clay, and clay with sand to depths of up to approximately 20 feet bgs. A coarser-grained unit generally consisting of clayey sand and clayey sand with gravel was encountered at depths between 19 and 28 feet bgs (the total depth of borings at the site). Depths to saturated deposits in most project borings, as observed during drilling and documented on boring logs have ranged generally between 7 and 14 feet bgs in borings drilled between November and June; saturated deposits typically were observed at depths of 11 to 20 feet bgs in borings drilled in September.

Water levels measured over four quarters in the monitoring wells (December 2001 through September 2002) at the site show seasonal fluctuations of up to 6 feet (Table 1). Depth to groundwater in the monitoring wells has been measured between 7.55 to 18.49 feet below the

top of casing (btc), which correspond to water level elevations ranging from 144.74 to 131.22 feet msl. The measured depth to groundwater was deeper in each of the five monitoring wells in September 2002; the shallowest depths to groundwater were recorded in December 2001 (Table 1). Groundwater flow is to the west-southwest, toward Santa Rosa Creek. The horizontal hydraulic gradient, based on June 2002 water level measurements, is calculated to be approximately 0.02 foot per foot (ft/ft) (that is, the depth to groundwater, based on water-level measurement data, increases 2 ft for every 100 ft across the site in the direction of groundwater flow). A potentiometric surface map produced from groundwater levels measured in June 2002 is shown on Figure 3.

2.3.4 Nearby Water-Producing Wells

Domestic and industrial water supply for the site vicinity is provided through the City of Santa Rosa, which purchases water from the Sonoma County Water Agency (SCWA). The SCWA delivers water to the City via the Sonoma County aqueduct. The source of the water is the Russian River, which in turn is fed by three main upstream reservoirs. The City of Santa Rosa also has eight standby wells to pump groundwater for emergency purposes; these wells currently are not in use.

Information provided by the City of Santa Rosa Utilities Department (SRUD) indicates that 50 groundwater wells are located within a half mile of the site (Figure 4). Of these wells, 21 are located within a half mile generally to the north (hydraulically up- and cross-gradient of the site) and 29 are located within a half mile generally to the south (hydraulically downgradient of the site). Of the 50 wells, only four are located within a one-quarter mile radius, with two wells located approximately upgradient and two approximately downgradient.

Based on conversations with SRUD personnel, only two of the residences located within one-half mile from the site are not connected to the City of Santa Rosa water supply. These residences are located at 654 and 658 Dutton Avenue. Uses for the wells are not tracked by SRUD in all cases, but records indicate that the wells within one-quarter mile of the site are used for irrigation and external use.

Information about the possible presence of an additional water producing well located near the site was provided by the RWQCB (personal communication with J. Fleck, August 2002). This well was not included in the SRUD database. The well is located to the west of the site between the site and Santa Rosa Creek (Figure 4); its actual location has not been field-verified. At this time the well is not in use, and based on a conversation with the site redeveloper, the

well will not be used in the future and will be appropriately destroyed (personal communication between N. Jellison, representing NWPRA and John Stewart of John Stewart Company).

2.3.5 Nearby Environmental Sites

Nearby properties with documented impacted groundwater were identified during a preliminary environmental assessment of the site performed by Geomatrix in the early 1990s (since that time, it is likely that some of these sites have been closed). These properties include the La Rose Hotel site at 101 5th Street (impacted by total petroleum hydrocarbons [TPH] as gasoline [TPHg] and as diesel [TPHd]), the Grace Brothers Hotel site at 200 2nd Street (impacted by metals, TPHd, and TPH as motor oil [TPHmo]), and the Mead Clark Lumber Company (Mead Clark) site (impacted by TPHg, TPHd, and related fuel constituents). The La Rose and Grace Brothers properties are assumed to be hydraulically upgradient of the site, assuming a southwesterly to westerly groundwater flow direction (toward Santa Rosa Creek). The Mead Clark site appears to be hydraulically cross-gradient. An active fuel leak case, the Ochipinti Gas Station, located at 210 5th Street, is located hydraulically upgradient of the site.

Constituents detected at the gas station and downgradient towards the site include TPHg, benzene and other aromatic constituents, and methyl tertiary butyl ether (MTBE). We understand that the distribution and downgradient extent of these constituents in groundwater from the Ochipinti Gas Station have not been fully defined (as of August 2002) and that groundwater mitigation efforts have not been initiated. Based on its location upgradient of the site, it is likely that constituents in groundwater from the Ochipinti Gas Station will impact, or already have impacted the site.

3.0 SUMMARY OF INVESTIGATIVE ACTIVITIES – 1987 THROUGH 2001

Subsurface investigations have been performed at the site since 1987. These investigations have included:

- soil sampling by others related to the removal of three USTs;
- installation of monitoring wells by others as part of the nearby Mead Clark facility groundwater investigation;
- soil sampling and groundwater sampling from monitoring wells by the RWQCB to evaluate whether the site was a possible source of petroleum hydrocarbons and related constituents that were detected at Santa Rosa Creek; these wells subsequently were destroyed by the RWQCB; and,

- soil and grab groundwater sampling, and monitoring well installation and sampling to meet the RWQCB requirements for site closure.

The following sections provide a summary of the subsurface investigations performed by Geomatrix and others at the site from 1987 through 2001. A summary of the borings and types of samples collected are presented on Table 2. Soil and groundwater sampling locations are shown on Figure 5 (this figure also shows sampling locations from the recent field activities, which are discussed in Section 4.0). The results of the subsurface investigations described below have been reported to the RWQCB; the respective reports that document these activities and results are referenced in each section.

The recent investigative activities performed at the site are reported in Section 4.0. Results of the former and recent site characterization activities are discussed in aggregate in Section 5.0.

3.1 REMOVAL OF UNDERGROUND STORAGE TANKS

In December 1987, Canonie Environmental Services Corporation (Canonie) removed three USTs from the site (Industrial Compliance [IC], 1992). These included a 230-gallon fuel oil UST, a 10,000-gallon diesel UST, and a 10,000-gallon gasoline UST, which were located within and northwest of the existing fenced enclosure. During UST removal activities, no holes or signs of leakage or overfilling were noted for any of the tanks. TPH were not detected above laboratory reporting limits in the soil samples collected from beneath the USTs.

3.2 MONITORING WELL INSTALLATION AND SAMPLING

Monitoring wells were installed at the site as part of the investigation of off-site groundwater impacts from the Mead-Clark facility, which is located southeast and hydraulically cross-gradient to the site. In April 1988, on behalf of Mead Clark, Harding Lawson Associates, Inc. (HLA), installed two monitoring wells, GW-24 and GW-27, on the site (Environet, 1997 and 1998). These wells are located generally in the south-central portion of the site (Figure 5). Groundwater samples were analyzed for chlorinated volatile organic compounds (CVOs) and TPH and related constituents over at least six monitoring events (HLA, 1991). Analytical results for samples collected from wells GW-24 and GW-27 are included in Table 3. Well construction details are presented in Appendix B.

In April 1990, the RWQCB installed two groundwater monitoring wells on site (RBMW-2 and RBMW-3; Figure 5) to evaluate the potential source of TPH and related constituents in Santa Rosa Creek (RWQCB, 1993). These wells were located in the central portion of the site. Soil

samples collected from borings RBMW-2 and RBMW-3 were analyzed for TPHg, TPHd, TPH as oil and grease (TPHog), benzene, toluene, ethylbenzene, total xylenes (BTEX, respectively), and polynuclear aromatic hydrocarbons (PAHs). Well construction details are presented in Appendix B. In addition to the analytes listed above, groundwater samples also were analyzed for chlorinated volatile organic compounds (CVOCs). Soil and groundwater analytical results are presented in Table 3. The RWQCB destroyed monitoring wells RBMW-2 and RBMW-3 in June 1995 (personal communication with J. Fleck, October 30, 1996).

At the request of the RWQCB, Geomatrix installed five monitoring wells at on- and off-site locations in September 2001 (Geomatrix, 2001). The purpose of these wells was to: 1) obtain groundwater flow information; 2) identify the possible presence of separate-phase petroleum hydrocarbons (SPPH)² at specific locations; 3) characterize the presence of dissolved-phase petroleum constituents in groundwater; and 4) investigate whether dissolved-phase petroleum constituents are migrating onto the site. The locations of the monitoring wells, designated as SRMW-05 through SRMW-08 and SRMW-10 are shown on Figure 5. Groundwater samples initially were collected from these wells in December 2001, and have been collected quarterly since that time (a total of four monitoring events to date). Groundwater samples have been analyzed for TPHg, TPHd, TPHmo, BTEX, MTBE, and PAHs. Groundwater analytical results from monitoring wells SRMW-05 through SRMW-08 and SRMW-10 are summarized in Table 4.

3.3 SOIL SAMPLING

Soil samples were collected in the central portion of the site (Figure 5) for chemical analysis from two borings, RBB-1 and RBB-2, drilled by the RWQCB in April 1990. Samples collected from these two borings were analyzed for TPHg, TPHd, TPHog, BTEX, and PAHs. Soil analytical results are included in Table 3.

In 1992, Industrial Compliance (IC) collected soil samples at five locations (IC-B1 through IC-B4 and IC-B6) in the vicinity of the former 10,000-gallon gasoline UST, 10,000-gallon diesel UST, and 230-gallon fuel oil UST to further evaluate potential environmental impacts from the former USTs (Figure 5). Soil samples were analyzed for TPHg, TPHd, TPHmo, TPH as kerosene (TPHk), BTEX, and PAHs (Industrial Compliance, 1992). Analytical results for these samples are included in Table 3.

² For purposes of this report, the terminology separate phase petroleum hydrocarbons (SPPH) describes product in the subsurface that can readily flow into monitoring wells.

Soil samples were collected from 33 borings during various phases of sampling by Geomatrix during the period of 1996 and 2001 (Geomatrix 1997, 2000, 2001, and 2002a). Samples for chemical analyses and leachability testing have been collected primarily at targeted locations to evaluate potential environmental impacts from historical railroad operations and at specific locations requested by the RWQCB. The locations and purposes of the soil borings are presented on Table 2. Selected soil samples have been analyzed for:

- Metals, including antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc;
- Total petroleum hydrocarbons characterized as gas, diesel, and motor oil (TPHg, TPHd, and TPHmo, respectively);
- Benzene, toluene, ethylbenzene, and xylenes (BTEX);
- Chlorinated volatile organic compounds (CVOCs);
- Methyl tertiary butyl ether (MTBE); and
- Polynuclear aromatic compounds (PAHs).

Analytical results and testing methods for soil samples collected by Geomatrix are tabulated in Tables 5 through 8.

Leachability testing on selected samples was conducted in January 2000 using the Waste Extraction Test (WET) procedure modified using deionized water as the extract. The WET is a dynamic procedure in which a fixed weight of soil and volume of extract are combined, and then placed on a shaking table for 48 hours. Following this procedure, the extract is decanted and analyzed. This procedure is aggressive relative to in-ground conditions as the procedure disrupts the soil structure such that equilibrium partitioning will be achieved among the aqueous and non-aqueous phases present. Whereas, in situ, groundwater migrates past the constituents in the soil without disrupting the soil structure and without achieving equilibrium conditions in the bulk of the water. Nevertheless, the WET test is a method generally accepted by the regulatory agencies to provide a preliminary estimate of the potential for constituents detected in on-site soil (in this case, TPH and PAHs), to leach out of the soil matrix. The results of these analyses are presented in Table 9.

3.4 GRAB GROUNDWATER SAMPLING

Grab groundwater sampling is used as a screening tool to provide a one-time groundwater sample for chemical analysis; this methodology provides an initial screening of environmental conditions at a site. Grab groundwater sampling has been used extensively at the site, and was recently supplemented by samples from site monitoring wells to confirm selected grab groundwater analytical results and provide longer term, replicable data (Section 3.2).

Grab groundwater samples were collected at five locations (IC-B1 through IC-B4 and IC-B6) at the site by IC in 1992 to evaluate potential environmental impacts from the two 10,000-gallon USTs and the 230-gallon UST that were removed in 1987 (Canonie, 1987). These samples were analyzed for TPHg, TPHd, and BTEX. Analytical results are presented in Table 3.

Grab groundwater samples were collected by Geomatrix from 36 on- and off-site borings prior to the recent characterization activities (Section 4.0). These samples were collected during various phases of investigation to evaluate potential environmental impacts from historical features, features identified during the various investigations, and to respond to requests by the RWQCB for additional characterization. The grab groundwater boring designations and their purposes are summarized on Table 2. Selected grab groundwater samples have been analyzed for:

- Total petroleum hydrocarbons characterized as gas, diesel, and motor oil (TPHg, TPHd, and TPHmo, respectively);
- Benzene, toluene, ethylbenzene, and xylenes (BTEX);
- Chlorinated volatile organic compounds (CVOCs);
- Methyl tertiary butyl ether (MTBE); and,
- Polynuclear aromatic compounds (PAHs).

The analytical results and testing methods for these samples are presented in Table 10.

3.5 GEOPHYSICAL SURVEY

To evaluate the presence of an oil UST in the northwestern portion of the site that was identified on a historical Sanborn map, a geophysical survey was conducted in September 2001 (Appendix C). The findings of the geophysical survey indicated shallow, subsurface anomalies in three primary areas; the geophysical surveyor concluded that an UST could be present in one

of the three areas, and the anomalies detected at the other two areas likely represented metallic debris.

To confirm these conclusions, excavations were conducted in October 2001 to reveal the subsurface anomalies. Excavation was conducted to depths of approximately 7.5 feet bgs in each of the identified areas. Observations made during the excavations confirmed the presence of some miscellaneous metallic debris in the two areas where these materials were suspected. No UST was found in the area where an UST was suspected; however, two parallel subsurface pipes were observed, and an apparent subsurface manifold with three vertical pipes that previously extended to ground surface were uncovered. These pipelines were removed in June 2002; details of the pipeline removal are presented in Section 4.3.

4.0 INVESTIGATIVE ACTIVITIES AND ACTIONS – 2002

Additional activities were performed in June, July, August and November 2002 to 1) evaluate the extent of soil that appeared to contain petroleum (visually impacted soil) in the northwestern area of the site; 2) further investigate the presence of petroleum constituents in groundwater in the vicinity of the former 3000-bbl AST; 3) further address whether historical and recent maintenance activities within the fenced enclosure may have impacted shallow soil and contributed to the presence of MTBE that had been detected in groundwater in this area; 4) remove the pipeline that was identified in the northwestern portion of the site from the geophysical survey performed in 2001; and, 5) further evaluate the potential long-term leachability of petroleum in soil to groundwater. These activities, which have not previously been formally documented, are reported below; the findings from this work are discussed in aggregate with the results of previous soil and groundwater investigations in Section 5.0.

Investigative activities included soil and grab groundwater sampling. The sampling activities were performed according to work plans prepared by Geomatrix (Geomatrix 2002b, 2002c, 2002d and 2002e) and were field-modified as appropriate and with concurrence from the RWQCB. The specific activities performed by Geomatrix are described below. Field and analytical methods are described in Appendix A. A summary of the borings and their respective purposes is presented in Table 2.

4.1 SOIL BORINGS IN NORTHWESTERN AREA

Borings SRB-63 through SRB-69, SRB-75 through SRB-95, and SRB-97 through SRB-103 were advanced in the northwestern portion of the site (Figure 6) during the recent investigation to evaluate the lateral and vertical extent of visually impacted soil that previously had been

observed in borings in this area. Boring logs documenting lithology, photo-ionization detector (PID) measurements, and visual observations during drilling are included in Appendix D. Soil samples from 13 borings were collected from above, within, and below the locations of visually impacted soil and submitted for chemical analysis for TPHd, TPHmo, and PAHs. Additionally, selected soil samples were analyzed for TPH characterized as Bunker C. Soil samples from eight borings also were analyzed for BTEX and MTBE. Analytical testing methods and results for the soil samples are presented in Tables 6 through 8, and are discussed in Section 5.0.

To further characterize groundwater near the former 3000-bbl AST, grab groundwater samples were collected from boring locations SRB-75, SRB-76, and SRB-77. These grab groundwater samples were analyzed for TPHg, TPHd, TPHmo, BTEX, and MTBE. Grab groundwater analytical testing methods and results are presented in Table 10, and are discussed in Section 5.0.

To further evaluate the potential long-term leachability of TPH from soil to groundwater, additional soil samples were collected at selected locations and depths where the presence of TPH in soil was identified from borings PL-03L, PL-05L, and PL-12L along the pipeline alignment, SRB-100L (near the former 3000-bbl aboveground storage tank), and SRB-53L, SRB-79L, and SRB-88L (in the general northwestern site area). Soil samples were analyzed for total TPHd and TPHmo using EPA Method 8015. The potential leachability of TPH from the soil was evaluated using the WET, modified using deionized water as the extract. Analytical testing methods and results are presented in Table 9.

Chain of custody records and laboratory analytical results for the soil and grab groundwater samples are contained in Appendix E; leachability analytical results are contained in Appendix F.

4.2 SAMPLING WITHIN THE FENCED ENCLOSURE

Five shallow borings and one deeper boring were advanced within the fenced enclosure to evaluate potential impacts from certain recent and historical features. Specifically, shallow soil samples were collected from borings SRB-70 and SRB-71, located beneath the former storage trailer, to investigate potential chemical spillage; from boring SRB-72, located adjacent to SRB-56, to further characterize the presence of chemical constituents in soil at this location; and from borings SRB-73 and SRB-96, located to investigate potential spillage from the former AST. A deeper boring, SRB-74, was advanced near the former 230-gallon fuel oil UST and borings IC-B6 and SRB-39 to collect soil and grab groundwater samples to confirm the absence

of soil and groundwater impacts from the former UST. Boring SRB-74 served a dual purpose as it was drilled at a location selected with the RWQCB to also characterize potential impacts from a vertical corrugated metal pipe of unknown use that is present east of the former UST location. Sample locations are shown on Figure 7. Logs for these borings that document lithology, PID measurements, and visual observations are included in Appendix D. Analytical testing methods and results for the soil and grab groundwater samples are presented in Tables 6 through 8 and Table 10, and are discussed in Section 5.0. Chain of custody records and laboratory analytical results are contained in Appendix E.

4.3 REMOVAL OF SUBSURFACE PIPELINE

The subsurface pipeline identified in the northwestern area of the site was removed under the direction of Geomatrix by Clearwater Environmental Management, Inc., of Fremont, California in June 2002. A description of pipeline removal activities is presented in Appendix A. Following pipeline removal, soil samples were collected from immediately below the bottom of the pipeline in the excavation at approximately 20-foot intervals, or at locations of pipeline joints. This work was performed in accordance with the work plan approved by the Santa Rosa Fire Department (Geomatrix, 2002b). These sample locations were designated PL-01 through PL-12 (Figure 6). Additional sampling was conducted in July 2002 to collect deeper soil samples at previous shallow sample locations where elevated TPHd and TPHmo concentrations were detected.

Soil samples were analyzed for TPHd, TPHmo, and BTEX. Selected samples also were analyzed for PAHs. The analytical testing methods and results are presented in Tables 6, 7 and 8, and are discussed in Section 5.0. Chain of custody records and laboratory analytical results are contained in Appendix E.

5.0 RESULTS OF SOIL AND GROUNDWATER INVESTIGATIONS

The following subsections discuss, in aggregate, the results of soil and groundwater investigations conducted by Geomatrix and others from 1987 through the recent investigation performed in 2002. Where applicable, the results are discussed by area of the site, which include:

- the northwestern area (including the location of the former subsurface pipeline; Figures 5 and 6);
- the fenced enclosure (Figures 5 and 7); and

- the remainder of the site presented as “site-wide” results (Figure 5).

For clarification, the borings where analytical testing was performed within each area are shown in the table below.

Borings Included in Each Area

Northwestern Area (44 borings)	Fenced Enclosure (10 borings)	Site-Wide (24 borings)
SRB-22, 23, 33-35, 44, 46, 48, 51, 52, 53L, 54, 75-77, 79L, 79-81, 83, 88, 88L, 90, 91, 93, 99-101, 100L, 103, PL-01 - PL-12, PL-06L, PL-12L	SRB-27, 28, 39, 56, 62, 70-74, 96	SRB-20, 21, 24-26, 29-32, 36-38, 40-43, 45, 47, 49, 50, 55, 58-61

5.1 VISUAL OBSERVATIONS OF SOIL

Limited surface soil staining due to petroleum hydrocarbons has been observed at various locations at the site; where present, samples of this surface soil have been collected for chemical testing and the analytical results are presented in Section 5.2. Additionally, soil that contains thread-like petroleum ganglia (visually impacted soil) was observed in the subsurface in borings in the northwestern area of the site (Figure 6) during investigations performed in 2000 and 2002. The source of the petroleum ganglia is not specifically known; however, potential sources likely include the subsurface pipeline and possibly other oil handling and containment features in the northwestern portion of the site (such as the 3000-bbl AST). The distribution of the visually impacted soil is discussed in this section, and analytical results for selected soil samples collected within the visually impacted area are presented in Section 5.2.

A total of 34 borings were advanced in the northwestern area to assess the presence of visually impacted soil (Figure 6 and Table 11). Of these, no visual impacts were observed in 16 of the borings, which serve to bound the areas of visually impacted soil. There appear to be two distinct distributions of visually impacted soil (Figure 8): one distribution occurs north to northeast (assuming north is towards 6th Street) of the approximate former location of the 3000-bbl AST. This area covers approximately 1600 square feet, based on observations of visually impacted soil in four borings that occurred at varying thicknesses and depths. In boring SRB-99, visually impacted soil extends from 16 to 22 feet bgs (the bottom of the

boring); in contrast, visually impacted soil was observed in boring SRB-75 over a 3-inch interval that extends from 18.75 to 19 feet bgs (Table 11).

The second area is west of the former pipeline and is estimated to cover an area of about 7,800 square feet; the presence of visually impacted soil in this area was observed in 20 borings. Specifically, visually impacted soil was observed in boring SRB-53 starting at a depth of about 1 foot bgs; visually impacted soil was observed in nearby borings SRB-68, SRB-69, SRB-78, and SRB-79 starting at depths of 3 feet and 4 feet bgs (Table 11). In other borings, no visually impacted soil was observed until at least 10 feet bgs.

5.2 SOIL ANALYTICAL RESULTS

The analytical results for soil are compared relative to published criteria, where applicable. These criteria described below, are general, and serve as a benchmark to initially evaluate analytical data and identify potential constituents of concern (COCs).

Metals in soil are naturally-occurring, and their presence is not necessarily the result of anthropogenic impacts. To initially evaluate the presence of metals, concentrations were compared to the following criteria:

- **Waste Classification Criteria:** Total threshold limit concentrations (TTLC) and soluble threshold limit concentrations (STLCs) are used to classify material as hazardous or non-hazardous for disposal purposes. TTLCs and STLCs are codified in the California Code of Regulations (CCR), Title 22, Section 66216.24. These criteria are not strictly applicable to in-place soil; however, they are used as a tool to evaluate whether additional evaluation is warranted. For screening purposes, a value 10 times the metal's respective STLC is used to provide an initial evaluation of whether a soil could be classified as a hazardous waste (analytical testing is required to ascertain the actual soil classification for disposal). TTLCs and STLCs are listed in Table 5.
- **Preliminary Remediation Goals:** Preliminary remediation goals (PRGs) are health-based criteria that have been established by the U.S. Environmental Protection Agency, Region 9 (U.S. EPA, 2000). These criteria are used to initially screen metals (and other constituents, such as PAHs) in environmental media, and can be used to trigger further evaluation. For screening purposes, metals concentrations are compared to residential PRGs. However, as stated in Section 2.1, a potential future site use under consideration includes a commuter rail station and commercial and/or mixed use redevelopment. Therefore, PRGs for industrial/commercial site use also are used in evaluating the metals data. PRGs for metals are listed in Table 5.
- **Background Concentrations:** Where site data for metals do not appear consistent with PRGs, additional scrutiny of the data was performed to evaluate whether detected metal

concentrations likely represent background or should be identified as COCs. For this evaluation, a metal was considered to be present at a background concentration if sufficient data were available to demonstrate that the lateral and vertical distribution of metals concentrations across the site were similar.

Similarly, concentrations of PAHs, BTEX, and MTBE in soil were compared to residential and commercial/industrial PRGs; these PRGs are presented on Table 7 for PAHs and Table 8 for BTEX and MTBE. As an initial assessment of the potential for these organic constituents to migrate to groundwater, their concentrations also were compared to the generic soil screening levels (SSLs) in the U.S. EPA PRG table. The SSLs were developed by the U.S. EPA using default values in standardized equations, and are presented for two cases: 1) a dilution attenuation factor (DAF) of 20 is used to account for natural processes in the subsurface that would reduce soluble constituent concentrations between the source (soil) and the receptor (groundwater); and, 2) no dilution or attenuation of the constituents would occur between the soil and groundwater (DAF of 1). It is reasonable to assume that some dilution and attenuation of constituents detected in soil at the site would occur; however, to be conservative, site data is compared to the range of SSLs using both DAF assumptions. In this report, the SSL using a DAF of 20 is referred to as SSL₂₀ and the SSL using a DAF of 1 is referred to as SSL₁.

In addition to the quantitative criteria discussed above, concentrations of metals, PAHs, BTEX, and MTBE in soil are discussed based on the frequency of detections and their vertical distribution.

There is no specific screening criteria for petroleum hydrocarbons. Therefore, petroleum hydrocarbon data also are discussed based on relative concentrations, location, frequency, and vertical distribution.

5.2.1 Metals

The analytical results for metals in soil samples are summarized in Table 5. Where detected, metals concentrations in soil were less than their respective TTLC and generally less than 10 times the STLC in all of the soil samples, with the exception of lead in shallow soil samples (at 1.0 feet bgs) from SRB-32 (57 mg/kg), SRB-39 (77 mg/kg), and SRB-40 (110 mg/kg); 10 times the STLC concentration for lead is 50 mg/kg. Lead was not detected above laboratory reporting limits or at low concentrations in deeper soil samples at each of these boring locations. On a site-wide basis, the 95% upper confidence limit of the arithmetic mean concentration (95% UCL) for lead is 22, which is below 10 times the STLC.

Concentrations of all metals detected in soil samples also were below both residential and industrial PRGs, with the exception of arsenic, which was consistently detected above its residential and industrial PRG of 0.39 and 2.7 mg/kg, respectively, and thallium, which was consistently detected at a concentration above its residential PRG of 5.2 mg/kg (but well below its industrial PRG of 130 mg/kg). These two metals are discussed below.

Arsenic was consistently detected at concentrations comparable to background concentrations for the site (concentrations ranged from less than 0.5 to 7.6 mg/kg)³, except at boring locations SRB-40 and SRB-41. At these locations, arsenic detections ranged between not detected (detection limit of 5 mg/kg) and 27 mg/kg. Higher arsenic concentrations in these borings were detected in samples collected at depths of 4.5 and 7.5 feet bgs in boring SRB-40, and at depths of 1, 4, 5, and 7.5 feet bgs from boring SRB-41. These borings are located near the western site boundary in the central portion of the site and approximately at the location of a former oil trap and area where discolored soil was observed during site reconnaissance in 1992.

The arsenic carcinogenic residential PRG (0.39 mg/kg), which corresponds to a theoretical excess lifetime cancer risk of one-in-one million (1×10^{-6}), is often lower than naturally-occurring background concentrations in soil. Since U.S. EPA does not require remediation to reduce concentrations to values below natural background levels, U.S. EPA Region 9 has, at times, used the non-cancer residential PRG (22 mg/kg) to evaluate sites, recognizing that this value may be above background, yet still falls within the range of soil concentrations (0.39 to 39 mg/kg for residential land use) that equate to U.S. EPA's acceptable cancer risk range of 1×10^{-6} to 1×10^{-4} . U.S. EPA has indicated that risk values in the range of 10^{-6} to 10^{-4} may be acceptable, depending on factors that include the size and nature of the exposed population, with 10^{-6} as a nominal threshold of concern for exposures to the general public. Although the concentrations of arsenic detected at SRB-40 and SRB-41 are below or near the non-cancer PRG and fall within the acceptable cancer risk range, these borings are near a former oil trap and discolored soil, and concentrations of arsenic in soil at these locations are above background and likely represent a localized environmental impact from historical site operations.

³ The range in concentrations of arsenic at the site is consistent with studies conducted in California to assess naturally-occurring arsenic concentrations. The Kearny Foundation of Soil Science (Kearney, 1996) reports naturally-occurring arsenic at concentrations ranging between 0.6 and 11 mg/kg. A study conducted by the Lawrence Berkeley National Laboratory in the East Bay Hills showed background concentrations in soil (using the 95% upper confidence limit) ranging between 9.3 and 31 mg/kg for different geologic formations.

Thallium concentrations across the site are consistent laterally and vertically. These consistent concentrations indicate that this metal is present at its background concentration for this area.

Based on these data, there is no environmental impact from metals at the site, with the exception of arsenic at borings SRB-40 and SRB-41.

5.2.2 Petroleum Hydrocarbons

The analytical results for petroleum hydrocarbons in soil samples are summarized in Table 6 and presented on Figure 9; the results are discussed herein by petroleum characterization.

Total petroleum hydrocarbons characterized as gasoline

Twenty-two soil samples collected from within the fenced enclosure (including a sample from IC-B6 collected by Industrial Compliance in 1992; Figure 7) were analyzed for TPHg. Of these, TPHg was detected only in one sample from each of two borings (SRB-73 and SRB-96) at concentrations of 2.5 mg/kg in the sample from 3 feet bgs and 13 mg/kg from the surface sample at 0.5 feet bgs, respectively (Figure 9). At each sample location, no TPHg was detected above the laboratory detection limit in the next deeper sample.

Total petroleum hydrocarbons characterized as diesel

Soil samples were collected throughout the site for analysis of TPHd from depths up to 27.5 feet bgs (Figure 9 and Table 6). TPHd detected at the site are degraded, based on its chromatographic fingerprint; these results are consistent with the fact that the primary facilities and operations at the site were decommissioned/discontinued more than 40 years ago. Site-wide detections are primarily limited to shallow soil.

Site-Wide

Site-wide (that is, not including samples collected in the northwestern and fenced enclosure areas – see Figure 5 for designation of these two areas), TPHd concentrations ranged from less than laboratory reporting limits to 1,600 mg/kg. The highest TPHd concentrations were detected in samples from borings SRB-21 (1,600 mg/kg), SRB-36 (430 mg/kg), and SRB-40 (990 mg/kg). Borings SRB-21 and SRB-36 are located near a former oil trap near the western site boundary; boring SRB-40 is located south of the oil trap and near the location where discolored surface soil was observed by Geomatrix in 1992. The highest TPHd concentrations in SRB-36 and SRB-40 were detected only in shallow soil (within 1 foot bgs). The highest TPHd concentration in boring SRB-21 was detected in the sample collected at 7 feet bgs

(Figure 9). At this location, TPHd concentrations decreased with depth and were not detected above the laboratory reporting limit in the sample from 13.5 feet bgs.

Northwestern Area

In the northwestern area of the site, the highest concentrations of TPHd were detected in soil samples from the pipeline excavation and near the former 3000-bbl AST. Along the pipeline alignment (Figure 9), TPHd was detected in the uppermost samples (that is, within 0.5 foot bgs) at concentrations ranging between non-detect (PL-09) and 4,400 mg/kg (PL-12). In the 1-foot sample from PL-12L, TPHd was detected at a concentration of 16,000 mg/kg. Deeper samples collected along the alignment indicated that concentrations generally decreased with depth, except at boring location PL-12, where TPHd was detected in the 3-foot sample at a concentration of 1,100 mg/kg; the 5-foot sample from PL-12L contained TPHd at a concentration of 3,700 mg/kg.

Also in the northwestern area, selected soil samples were collected from borings where visually impacted soil was observed; the borings and sample depths are presented on Table 6. Boring locations and analytical results are shown on Figure 9. The analytical results indicated that samples collected above and below the visually impacted soil generally contained relatively lower concentrations of TPHd, where detected. Within the area of visual impact, TPHd concentrations ranged up to 16,000 mg/kg (SRB-100L located near the former 3000-bbl AST). Other elevated concentration samples (that is, above 1,000 mg/kg for the purpose of this discussion) were SRB-51 at 19.5 feet bgs (8,500 mg/kg), SRB-75 at 18.5 feet bgs (1,200 mg/kg), SRB-88L at 8 feet bgs (1,400 mg/kg), SRB-99 at 19.5 feet bgs (1,300 mg/kg), and SRB-100 at 7 feet bgs (1,800 mg/kg). However, in other borings located in the northwestern area of the site, TPHd concentrations generally were lower; TPHd concentrations in samples collected from other borings within visually impacted soil (SRB-53L, SRB-79L, SRB-80, SRB-81, SRB-83, SRB-88, SRB-90, SRB-91, and SRB-93) ranged between non-detectable to 350 mg/kg.

The analytical results suggest that the areas of the pipeline and the former 3000-bbl AST may have been potential source areas for petroleum in soil.

Fenced Enclosure

Within the fenced enclosure, the highest concentration of TPHd was detected in shallow soil samples collected from beneath the former storage trailer (SRB-70 at 1200 mg/kg in the sample collected at 0.5 foot bgs; Figure 9) and AST (SRB-96 at 2,700 mg/kg in the sample collected

from 0.5 foot bgs and SRB-73 at 440 mg/kg in the sample collected from 3 feet bgs). In SRB-70 and SRB-73, concentrations of TPHd decreased by an order of magnitude or more in the next deeper sample; no TPHd was detected above the laboratory detection limits of 1 mg/kg in the two deeper soil samples from SRB-96.

Total petroleum hydrocarbons characterized as motor oil

Site-Wide

Site-wide, TPHmo concentrations ranged from less than the laboratory reporting limit to 1,700 mg/kg (boring location SRB-40). Similar to TPHd, TPHmo is generally degraded, as shown by laboratory chromatograms, and is present in shallow soil. The highest TPHmo concentrations were detected in the shallow soil samples (within approximately 1 foot bgs) near the former oil trap from borings SRB-21 (510 mg/kg) and SRB-36 (780 mg/kg), and near the location of discolored soil at SRB-40 (1,700 mg/kg). Additionally, an elevated concentration of TPHmo was detected in a composite sample from SRB-20, which is in the southwestern area of the site near a former rail spur; however, the magnitude of this concentration could not be replicated in discrete samples from this location.

Northwestern Area

The distribution of TPHmo in the northwestern area of the site is similar to that of TPHd. The maximum concentrations of TPHmo detected in visually impacted soil sample were 7,600 mg/kg from SRB-51 at 19.5 feet bgs, 5,100 mg/kg from SRB-100 at 7 feet bgs, and 15,000 mg/kg from SRB-100L at 8 feet bgs. TPHmo generally was absent or present at low concentrations in soil samples collected from above and below the visually impacted areas. Along the pipeline, elevated concentrations of TPHmo generally were present in the shallowest samples (0.5 and 1 foot bgs), except at PL-01, PL-06, PL-12, and PL-12L.

Fenced Enclosure

Within the fenced enclosure, the distribution of TPHmo also is similar to that of TPHd. The highest concentrations of TPHmo (5,600 mg/kg and 3,300 mg/kg) were detected in shallow soil beneath the former storage trailer (boring SRB-70 in the sample collected from 0.5 foot bgs) and AST (boring SRB-96 in the sample collected from 0.5 foot bgs), respectively. At boring location SRB-70, the concentration of TPHmo decreased to 500 mg/kg in the sample collected at 3 feet bgs and was not detected above the laboratory detection limit of 50 mg/kg in the 5-foot sample at this location. At SRB-96, no TPHmo was detected in the 3- and 5-foot samples. TPHmo also was detected at a concentration of 700 mg/kg in the 1-foot soil sample from

SRB-39. The concentration of TPH_{mo} decreased in the 4.5-foot soil sample from SRB-39 to 51 mg/kg.

5.2.3 Polynuclear Aromatic Hydrocarbons

The analytical results for PAHs are summarized on Table 7.

Site-Wide

Site-wide PAHs have been detected only in samples from boring SRB-21 and SRB-32. At these locations, the detected PAH concentrations are well below their respective residential and industrial PRGs, except for benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene in the 1-foot sample from SRB-32 (Table 7). Benzo(a)pyrene was detected in the SRB-32 soil sample at a concentration of 0.526 mg/kg; this sample also contained 0.582 mg/kg benzo(b)fluoranthene and 0.455 mg/kg indeno(1,2,3-cd)pyrene. These detections are above the residential PRGs for these constituents. However, only the concentration of benzo(a)pyrene in this sample was above its industrial PRG of 0.13 mg/kg. No PAHs were detected in the soil sample from 4.5 feet bgs in boring SRB-32.

Site-wide no PAHs were detected above their respective SSL₂₀. The concentrations of certain PAHs in some samples collected in the upper foot are above the SSL₁; however, deeper samples collected at these locations do not contain PAHs at concentrations above this more conservative SSL, indicating that PAHs are relatively insoluble and immobile at the site.

Northwestern Area

Within the northwestern area of the site, PAHs, where detected, were at concentrations well below their respective PRGs, with the exception of several samples along and near the pipeline alignment. Specifically, certain PAHs were detected in samples from SRB-51, PL-03, PL-12 and PL-12L above their residential PRGs (Table 7). However, no PAHs were detected above their industrial PRGs except for benzo(a)pyrene and benzo(a)anthracene in the 0.5 foot sample from PL-12 and benzo(a)pyrene in the 3 foot sample at this same location. Benzo(a)pyrene was detected at a concentration of 4 mg/kg and benzo(a)anthracene was detected at a concentration of 4.8 mg/kg in the shallow soil sample from PL-12; the industrial PRGs for these PAHs are 0.13 and 1.3 mg/kg, respectively. The concentration of benzo(a)pyrene in the 3-foot sample from PL-12 was 0.29 mg/kg.

Within the northwestern area of the site, no PAHs were detected above their respective SSL₂₀, with the exception of benzo(a)anthracene in the sample collected from PL-12 at 0.5 foot bgs.

In this sample, benzo(a)anthracene was detected at a concentration of 4.8 mg/kg (the SSL₂₀ is 2 mg/kg); however, no benzo(a)anthracene was detected in the samples collected at 1.5 and 3 feet at this location. These results indicate that PAHs are not mobilized in the subsurface.

Additionally, although some shallow samples (within 1 foot bgs) contained PAHs above their respective SSLs, assuming a DAF of 1, no samples from below 1 foot bgs contained PAHs above the more conservative SSL₁. These results reinforce that PAHs are relatively insoluble and immobile.

Fenced Enclosure

Within the fenced enclosure, PAHs were detected only in the 1.5-foot sample from boring SRB-27. In this sample, none of the detected PAHs were present at concentrations greater than their respective residential PRGs. Additionally, none of the detected PAH concentrations exceeded the SSLs. No PAHs were present in the deeper sample (4.5 feet bgs) at boring SRB-27.

5.2.4 Volatile Organic Compounds

Soil samples have been primarily analyzed for BTEX and MTBE; selected soil samples also have been analyzed for CVOCs. No benzene, MTBE, or CVOCs have been detected in any of the soil samples analyzed. Ethylbenzene was detected in one sample only, in the surface soil sample from depths of 1 and 2 feet bgs at boring SRB-75 (in the northwestern area) at a concentration of 0.011 mg/kg. No ethylbenzene was detected in the deeper sample from this location. Xylenes also were detected in two soil samples from SRB-75 at a maximum concentration of 0.051 mg/kg (from the sample collected at 1 foot bgs). No xylenes were detected in the 5-foot sample from this location. Toluene, where detected, is present at low concentrations; specifically, detections of toluene range up to 0.042 mg/kg (SRB-100). The concentrations of detected constituents are well below their respective screening criteria (Table 8).

5.2.5 Results of Leachability Testing

The results of leachability testing are presented in Table 9. These tests were performed using the WET procedure (Sections 3.3 and 4.1) modified to use deionized water as the extract. As indicated by the results, no TPH_{mo}, or PAHs leached from the soil matrix using the WET procedure for samples analyzed using silica gel cleanup⁴; silica gel cleanup removes non-

⁴ The leachability tests for TPH and PAHs from samples SRB-36 and SRB-32, respectively, were performed one day beyond their hold times.

hydrocarbons that would otherwise interfere with measurement of petroleum hydrocarbons. TPHd results indicated that this constituent leached from soil under the conditions of the WET procedure at concentrations up to 690 µg/l (for the 1-foot sample PL-12L with a TPHd concentration of 16,000 mg/kg). As previously discussed, the WET procedure is aggressive compared to in situ conditions, as it involves shaking a sample within the extract for 48 hours. The WET results for TPHd, TPHmo, and PAHs suggest that these constituents have limited, if any, solubility under in situ conditions.

5.3 GROUNDWATER ANALYTICAL RESULTS

5.3.1 Grab Groundwater Analytical Results

As discussed in Section 3.4, grab groundwater sampling was used at the site to provide initial information on the possible presence of chemical constituents in groundwater. Samples that are collected using this methodology (described in Appendix A) generally provide conservative data that are used for screening purposes; these results can be further evaluated using monitoring wells, which provide longer-term, replicable data. Analytical results from monitoring wells that were installed at the site in 2001 are presented in Section 5.3.2. Results from grab groundwater sampling are discussed below by class of constituents.

Petroleum Hydrocarbons

Analytical results for petroleum hydrocarbons analyses for grab groundwater samples collected by Geomatrix are summarized in Table 10. Analytical results from the grab groundwater samples collected by IC are presented in Table 3. Grab groundwater samples collected upgradient of the property boundary (SRB-58 through SRB-61), within the fenced enclosure (SRB-62) and in the vicinity of the former 10,000-gallon gasoline UST (SRB-55) were analyzed for TPHg. No TPHg was detected in any of these samples.

Analysis for TPHd and TPHmo was conducted on both filtered and unfiltered samples for selected samples. Studies have shown that non-dissolved petroleum that adheres to sediment entrained in grab groundwater samples may be a source of bias with TPHd, TPHmo, and other extractable petroleum hydrocarbon analyses (MADEP, 2001). Such sediment commonly is present in grab groundwater samples collected from borings located in areas where petroleum hydrocarbons may be present in soil (Foote, et al, 1998). Although the results for both filtered

and unfiltered samples are discussed herein, analytical results from filtered grab groundwater samples may be more representative of the actual presence of dissolved-phase constituents in groundwater. The results for both unfiltered and filtered samples are presented in Table 10.

Site-Wide

Site-wide, petroleum hydrocarbons have only been detected in the grab groundwater sample from boring SRB-36. This boring is located near a former oil trap on the west-central site boundary. At this location, TPHd was detected in the unfiltered sample at a concentration of 67 µg/l; however, TPHd was not detected in the duplicate sample from this location or in the filtered sample. No TPHmo was detected in the grab groundwater sample from this location.

Northwestern Area

Within the northwestern area of the site, grab groundwater samples were collected from 10 borings. Of these, TPHd was detected in grab groundwater samples from five borings: SRB-34, SRB-44, SRB-48, SRB-75, and SRB-77. These samples were collected in areas where visually impacted soil is present; analytical results indicate that petroleum hydrocarbons are present at varying concentrations within the visually impacted soil. The highest concentrations of TPHd in unfiltered samples were detected in borings SRB-44, SRB-48, SRB-75, and SRB-77 at concentrations of 13,000 µg/l, 46,000 µg/l, 4,100 µg/l, and 950 µg/l, respectively. The concentrations of TPHd detected in the unfiltered samples from borings SRB-44 and SRB-48 are greater than the solubility of fresh diesel in groundwater, which ranges approximately between 2,000 µg/l and 6,000 µg/l (CMDEP, 1996). Significantly lower concentrations of TPHd were reported for filtered samples, with a maximum concentration of 1,500 µg/l in SRB-48. The results from the filtered samples suggest groundwater impact from TPHd within the area where visually impacted soil is present.

Analytical results for TPHmo are similar to those for TPHd in that maximum concentrations were detected in samples from borings SRB-44 (12,000 µg/l), SRB-48 (38,000 µg/l), SRB-75 (3,900 µg/l), and SRB-77 (1,100 µg/l). Again, the reported results for the unfiltered samples indicated the presence of TPHmo above its solubility in water, which is approximately 1,000 µg/l (CMDEP, 1996), suggesting non-dissolved petroleum that adheres to sediment was present in the grab groundwater samples. Filtered samples contained significantly lower TPHmo concentrations (360 µg/l in SRB-44, 950 µg/l in SRB-48 and non-detect in both SRB-75 and

SRB-77) that likely are more representative of groundwater conditions within the area of impacted soil.⁶

Fenced Enclosure

Within the fenced enclosure, TPHd was detected near the former 230-gallon UST in the grab groundwater sample from boring IC-B6 at a concentration of 31,000 µg/l. Again, this concentration exceeds the solubility of diesel in water. Analysis of subsequent grab groundwater samples collected within the fenced enclosure from SRB-39 and SRB-74 did not replicate this result; no TPHd was detected in these samples.

Polynuclear Aromatic Hydrocarbons

No PAHs were detected in the grab groundwater samples.

Volatile Organic Compounds

Site-Wide

Site-wide, VOCs were not detected in the grab groundwater samples, except for acetone (known to be a common laboratory contaminant), which was detected in the grab groundwater sample from SRB-30, which is located immediately northwest of the fenced enclosure (Table 10 and Figure 5). No benzene or toluene were detected in any of the site-wide borings, and ethylbenzene and xylenes only were detected at low concentrations from grab groundwater samples collected from borings SRB-59 and SRB-60, located near the upgradient site boundary. MTBE was detected near the upgradient site boundary in borings SRB-58 (120 µg/l), SRB-59 (34 µg/l), SRB-60 (9.6 µg/l), and SRB-61 (6.5 µg/l). MTBE also was detected in boring SRB-55, which is located near the former 10,000-gallon gasoline and diesel USTs (at a concentration of 2.8 µg/l).

Northwestern Area

BTEX was not detected in any of the 10 grab groundwater samples collected in the northwestern area of the site. MTBE was detected in this area at a maximum concentration of 3.3 µg/l in the grab groundwater sample from boring SRB-75.

⁶ It should be noted that silica gel cleanup was conducted on both filtered and unfiltered samples from SRB-75, SRB-76 (unfiltered samples only), and SRB-77. Silica gel cleanup removes polar biogenic material, which otherwise is quantified in the petroleum hydrocarbon analysis. No TPHd or TPHmo were quantified in samples from these borings once the non-petroleum material was removed.

Fenced Enclosure

Only MTBE was detected above the laboratory detection limit in grab groundwater samples collected within the fenced enclosure. Concentrations of MTBE ranged between 9.8 µg/l in the grab groundwater sample from boring SRB-39 to 77 µg/l in SRB-42. SRB-42 is located at the eastern boundary of the fenced enclosure, and is relatively downgradient from the MTBE impact to groundwater previously identified along the eastern, upgradient site perimeter.

5.3.2 Monitoring Well Analytical Results

Monitoring well analytical results are presented on Tables 3 and 4. Historically, TPHd was detected at a concentration of 400 µg/l in the sample from well RBMW-2 in a sampling event by the RWQCB in 1990. Additionally, tetrachloroethene (PCE) was detected in this well at a concentration of 2.5 µg/l. PCE was not detected in the grab groundwater sample from boring SRB-31; this boring is adjacent to and downgradient of monitoring well RBMW-2 (Figure 5). No other detections of CVOCs, petroleum hydrocarbons, and petroleum-related constituents were reported in the samples from the RWQCB wells. Additionally, no petroleum hydrocarbons or related constituents were detected in groundwater samples from wells GW-24 and GW-27 during multiple monitoring events, except for one detection of benzene in a sample from monitoring well GW-27 in July 1989 (7 µg/l), and ethylbenzene in the sample from GW-24 in February 1990 (0.3 µg/l). PCE was detected at concentrations of 7.6 µg/l and 0.8 µg/l in groundwater samples from GW-24 and GW-27, respectively, in April 1988. No PCE was detected in a grab groundwater sample from borings SRB-20 and SRB-37, located near and approximately downgradient from wells GW-24 and GW-27 (Figure 5).

Four groundwater sampling events (December 2001; and March, June and September 2002) have been conducted from five monitoring wells installed by Geomatrix in September 2001. These wells are installed upgradient of the site (SRMW-07 and SRMW-08), downgradient of the northwestern area of the site (SRMW-05 and SRMW-06), and within the northwestern area of the site (SRMW-10). Overall, the groundwater monitoring data has been consistent over the monitoring events conducted to date. Analytical results indicate that only MTBE has been detected in the upgradient monitoring wells, at a maximum concentration of 11 µg/l. A one-time detection of TPHd also was reported in a groundwater sample from upgradient well SRMW-07 in June 2002; however, this detection is considered non-detect given the detection

of TPHd in an equipment blank during that particular sampling event,⁷ and the result was not replicated in the subsequent sampling event.

6.0 DISCUSSION OF SITE CONDITIONS

The investigative results for constituents detected at the site have been compared to published criteria, where applicable; these criteria serve as a benchmark to initially evaluate the data and identify potential constituents of concern. Based on the initial evaluation of data, we have drawn the conclusions discussed below.

Within the site, chemical constituents primarily have been detected at discrete locations. Metals, where detected, are present generally at low concentrations that do not pose a risk to human health based on comparison to PRGs and expected background concentrations (discussed in Section 5.1), with the exception of arsenic, as discussed below. Similarly, PAHs, where detected, generally are present at concentrations that do not pose a risk to human health or a long-term risk of impact to groundwater (as supported by their general absence in deeper soil and groundwater), with the exception of PAHs along the former pipeline alignment. Varying concentrations of petroleum hydrocarbons in soil have been detected across the site; impact to groundwater from petroleum hydrocarbons is limited. Based on the investigative results, the following COCs and environmental conditions at the site have been identified:

- MTBE in groundwater;
- Arsenic in soil in the west-central area;
- Petroleum hydrocarbons in soil within the fenced enclosure; and,
- Petroleum hydrocarbons and PAHs in soil, and petroleum hydrocarbons in groundwater in the northwestern area.

A site conceptual model is presented and each of these conditions is discussed below.

6.1 CONCEPTUAL SITE MODEL

A conceptual site model (model) has been developed to assist with evaluating the identified environmental conditions at the site. This model is illustrated on Figure 10. The model illustrates the various potential sources of environmental impact that have been investigated at the site, our understanding of subsurface utilities, and the generalized geology and

⁷ Based on the U.S. EPA Contract Laboratory National Data Validation Guidelines for Organic Data Review (U.S. EPA, 1994).

hydrogeology at the site. A detailed cross-section that illustrates subsurface conditions and the locations of grab groundwater and monitoring well sampling locations is presented as Figure 11. The conceptual site model in conjunction with the detailed site cross-section illustrates the following items that are pertinent to the discussion of the identified COCs and environmental conditions:

- Groundwater flow direction is to the west and southwest.
- Depth to groundwater fluctuates between approximately 8 and 17 feet btc within the northwestern area, as measured in monitoring wells, SRMW-05, SRMW-06, and SRMW-10 (approximate elevations of 141 to 132 feet msl; Table 1).
- Visually impacted soil that contains petroleum hydrocarbons is present within the zone of groundwater fluctuation (Table 11 and Figure 11).
- A City of Santa Rosa sanitary sewer line traverses the site north-south. Within the northwestern area of the site, the approximate invert elevation of the pipe is 144 feet msl, above the highest water level elevation, as measured in the monitoring wells, in the northwestern area.
- A City of Santa Rosa storm sewer line traverses east-west in the northwestern area and discharges into Santa Rosa Creek. The depth of the line is not known, and likely is below the groundwater surface during some times of the year.
- An inactive water-producing well is located on the property to the west of the site. The depth of the well and the interval from which it pumps, when operating, is not known; however, this well will be destroyed during the upcoming property redevelopment (Section 2.3.4).

6.2 MTBE IN GROUNDWATER

The results of sampling to evaluate the presence of MTBE in groundwater indicate that concentrations of MTBE are highest in borings located to the east of the site boundary (upgradient) and decrease across the site. Additionally, MTBE has not been detected in soil samples collected within the fenced enclosure (a potential source area based on the apparent handling of gasoline in this area) or at significant concentration in the grab groundwater samples collected near the former 10,000-gallon gasoline UST. These results indicate that a source of MTBE does not exist on site and that MTBE is migrating onto the site from an upgradient, off-site source. As discussed in Section 2.3.5, a fuel release has occurred at a location upgradient of the site (Ochipinti Gas Station located at 210 5th Street). We understand that the distribution of fuel-related constituents in groundwater from this release, including

MTBE is not fully defined. It is likely that this fuel release is the source of MTBE in groundwater beneath the site.

6.3 ARSENIC IN SOIL

Concentrations of arsenic detected in soil at the site are consistent and appear to be background (Section 5.2.1), with the exception of arsenic concentrations detected in soil samples from borings SRB-40 and SRB-41. As discussed in Section 5.2.1, concentrations of arsenic at the site, including the detections at borings SRB-40 and SRB-41, are primarily below the non-cancer residential PRG, and within the U.S. EPA's acceptable cancer risk range. However, the elevated concentrations of arsenic specific to SRB-40 and SRB-41 likely represent a localized impact from historical operations at the nearby oil trap at these locations.

6.4 PETROLEUM HYDROCARBONS IN SOIL IN THE FENCED ENCLOSURE

TPHd and TPHmo have been detected within the fenced enclosure in shallow soil (upper 3 feet) primarily near the former storage trailer, and within the upper 1 foot near the former AST. Only low to non-detectable concentrations of TPHd and TPHmo are present in deeper samples. No aromatic constituents (e.g., benzene) were detected. PAHs, where detected, were present at concentrations below their respective PRGs, except for the PAH detections in the 1-foot sample at SRB-32; no PAHs were detected in the deeper sample at this location. The presence of TPHd and TPHmo in shallow soil appears to be due to incidental surface spillage and is limited in vertical extent. TPHd and TPHmo were not detected in grab groundwater samples collected from within the fenced enclosure, except for the detection of TPHd reported in the sample from IC-B6; this detection was not replicated in additional grab groundwater samples collected near IC-B6. Based on the results, discrete impacts to shallow soil have occurred as a result of operations within the fenced enclosure.

6.5 PETROLEUM HYDROCARBONS AND PAHs IN SOIL, AND PETROLEUM HYDROCARBONS IN GROUNDWATER IN THE NORTHWESTERN AREA

6.5.1 Soil

Field observations and analytical results indicate that soil that contains petroleum hydrocarbons is present at depth and below the water table within the northwestern area of the site (Figures 8, 9 and 11; Tables 6 and 11). The detections of petroleum hydrocarbons within visually

impacted soil⁸ are variable; concentrations detected near the former location of the 3000-bbl AST ranged between 120 mg/kg to 16,000 mg/kg for TPHd and 130 mg/kg to 15,000 mg/kg for TPHmo. Near the former oil pipeline, concentrations of TPHd and TPHmo in soil samples ranged up to 16,000 mg/kg and 22,000 mg/kg, respectively. The depth of the petroleum-containing soil is defined at only some locations in the pipeline alignment.

The former pipeline appears to be a source area based on the concentrations and distribution of petroleum hydrocarbons and PAHs along its alignment. An additional potential source area appears to be near and north of the former 3000-bbl AST, based on results from SRB-100 and SRB-100L. The absence of aromatic constituents (e.g., benzene) in the soil samples, low concentrations of PAHs, where detected, and the generally degraded nature of the detected TPHd and TPHmo, as demonstrated by the laboratory chromatograms, is consistent with a release of diesel- and/or oil-range petroleum product to the site many years ago.

6.5.2 Groundwater

The results of grab groundwater samples indicate that only localized impact to groundwater has occurred (based on the results of filtered grab groundwater samples, which provide a better representation of actual groundwater impacts relative to unfiltered grab groundwater samples [Section 5.3]). Specifically, localized areas of impact identified within the northwestern area include: 1) near the western site boundary, as defined by SRB-48; and, 2) near the former 3000 bbl AST, as defined primarily by SRB-44.⁹ The localized nature of the groundwater impacts is supported by data from other grab groundwater samples and monitoring well samples.

Approximately downgradient and within 40 feet of SRB-44, no TPHd or TPHmo were detected in the grab groundwater sample from SRB-47. *No TPHd or TPHmo has been detected in SRMW-05, located within 20 feet downgradient of petroleum-impacted soil, or in SRMW-10, which is located near, but possibly not directly downgradient, of impacted soil.*

The potential long-term leachability of petroleum to soil was evaluated using the WET procedure. The results indicated that low concentrations of TPHd could leach from soil with high concentrations of TPHd under the aggressive conditions imposed by the test. No TPHmo was detected in the WET extracts.

⁸ Visually impacted soil is present at two locations over a total area of approximately 9,400 square feet, and is present below the water table, which has been measured at depths ranging from approximately 8 to 17 feet bgs in monitoring wells in the northwestern. At most boring location, visually impacted soil was not encountered until at least 10 feet bgs.

⁹ TPHd also was detected in samples from SRB-75 and SRB-77; however, no TPHd was detected in filtered samples that were prepared with a silica gel cleanup prior to analysis.

No active water-producing wells that likely would hydraulically influence the site are present in the nearby vicinity (that is, within 1000 feet of the site; Figure 4). As shown on the site conceptual model, an inactive well reportedly exists west (and downgradient) of the site; construction details of this well are not known. However, this well will be destroyed during redevelopment of the property (personal communication between N. Jellison, NWPR and John Stewart of John Stewart Company).

Also downgradient of the site, Santa Rosa Creek is identified as a potential receptor. It appears unlikely that site utilities would serve as preferential pathways for dissolved constituents in groundwater to the Creek or other off-site locations. The sanitary sewer line that traverses the site north-south is located east (upgradient) of the area of impacted soil and is buried at a depth above the seasonal groundwater table. The storm sewer line traverses east-west near some boring locations where impacted soil was observed and near monitoring well SRMW-05. The depth of the storm sewer in this area is not specifically known and likely is below the groundwater surface, at least at some times of the year. As such, the storm sewer line could be a conduit for dissolved constituents in groundwater. However, data from well SRMW-05 suggest that dissolved-phase petroleum is not present at detectable concentrations near the storm drain. Data from this well over a year of monitoring indicate that groundwater is not impacted. Given the absence of dissolved constituents, it is reasonable to conclude that the storm drain does not act as a preferential pathway, even if it is below the groundwater surface during times of the year.

6.6 SUMMARY AND CONCLUSIONS

In summary, MTBE has been detected at low concentrations beneath the site and appears to originate from an off-site source. Therefore, MTBE is not a COC for the site. The soil and groundwater data indicate that impacts to soil and localized impact to groundwater have been detected on site. These impacts are from arsenic, TPHd, TPHmo, and PAHs, which are identified as COCs for the site. Specifically,

- arsenic has been detected at concentrations exceeding background in a localized area (borings SRB-40 and SRB-41);
- discrete TPHd and TPHmo impacts have occurred to shallow soil within the fenced enclosure;
- elevated concentrations of TPHd and TPHmo have been detected in shallow soil beneath the former pipeline alignment and some PAHs are present above their respective PRGs;

- TPHd and TPHmo are present in soil in the northwestern area; and
- TPHd and TPHmo have been detected in grab groundwater samples collected in the area where soil containing petroleum hydrocarbons is present. These constituents are not present in groundwater within 20 feet of the petroleum-impacted soil.

Degraded TPHd and TPHmo, such as that found at the site, are relatively immobile in the environment as demonstrated by the localized impact of TPHd and TPHmo to groundwater within the area of impacted soil, and leachability testing results. Therefore, it is not expected Santa Rosa Creek (located approximately 150 to 200 feet downgradient of the site), would be affected by TPHd and TPHmo detected on site.

7.0 SITE-SPECIFIC REMEDIAL ACTION OBJECTIVES

This section provides a basis for establishing a remedial action for the site based on the development and application of appropriate site-specific remedial action objectives for the identified COCs, which include arsenic, TPHd, TPHmo, and PAHs. In general, the goals for the remedial action are to provide long-term protection of human health, the environment, and beneficial uses of waters of the State in a cost-effective manner. The protection of human health, the environment, and the beneficial uses of waters of the State at the site can best be achieved by:

- Maintaining beneficial uses of groundwater;
- Maintaining site conditions that prevent migration of constituents from soil to groundwater at concentrations exceeding appropriate water quality objectives; and,
- Preventing exposure to constituents in soil above health-based criteria.

These criteria are discussed below relative to applicable regulations and development of remedial action objectives.

7.1 MAINTAINING BENEFICIAL USES OF GROUNDWATER

The highest potential beneficial use of groundwater at the site, as established in the Water Quality Control Plan for the North Coast Region (referred to as the Basin Plan, RWQCB, 2001), is domestic and municipal water supply. As required by State law, the RWQCB has established water quality objectives "which, in the Regional Water Board's judgment, are necessary for the reasonable protection of the beneficial uses and for the prevention of nuisance." (RWQCB, 2001). Based on conversations with the RWQCB, the water quality

objectives for TPHd and TPHmo in groundwater are 100 µg/l and 175 µg/l, respectively. These water quality objectives are achieved within 20 feet of the petroleum-impacted soil. However, the RWQCB has requested that these objectives be achieved on site. Therefore, remedial action at the site will be conducted with the goal of achieving these water quality objectives.

7.2 MAINTAINING SITE CONDITIONS THAT PREVENT MIGRATION OF CONSTITUENTS FROM SOIL TO GROUNDWATER AT CONCENTRATIONS EXCEEDING APPROPRIATE WATER QUALITY OBJECTIVES

As discussed in Sections 5.0 and 6.0, TPHd and TPHmo are present in surface and deeper soil at the site; PAHs have been detected at some locations where petroleum hydrocarbons are present. Based on the results of the investigations and known chemical properties, the degraded TPHd and TPHmo, which are primarily depleted of aromatic and PAH constituents, are not considered to be highly mobile, and no widespread impact to groundwater beneath the site exists as demonstrated by groundwater monitoring data, or is reasonably anticipated from petroleum hydrocarbons in soil at the site. However, as stated by the RWQCB in its April 16, 2001 letter to UPRR, the Basin Plan (RWQCB, 2001) calls for “The elimination of pollutant sources through...removal of contaminated soil to the extent practicable is the Regional Water Board’s highest priority.” This policy is articulated in the RWQCB’s Resolution 93-59,¹⁰ which is incorporated into the Basin Plan and was referenced in the April 2001 letter. This resolution further states that removal of contaminated soil to the extent practicable “will be based on impacts on the beneficial uses of affected waters as determined by reasonable monitoring or other investigation” and that, as practicable, the RWQCB will recognize the use of alternative cleanup techniques, such as in-situ bioremediation and passive remediation.

Monitoring over four quarters at the site suggests no impacts to groundwater from petroleum hydrocarbons above the water quality objectives established by the RWQCB. However, filtered grab groundwater samples suggest that localized impacts by TPHd and TPHmo may have occurred; no PAHs have been detected in grab groundwater samples. To mitigate these localized impacts, a remedial action could be designed for soil containing petroleum hydrocarbons (TPHd and TPHmo) that considers the results of the leachability testing (Section 5.2.5 and Table 9).

¹⁰ Resolution 93-59 amending the Water Quality Control Plan for the North Coast Region to Include an *Interim Policy on the Regulation of Waste Discharges from Underground Petroleum Tank Systems*.

Results of the leachability testing are presented in Table 9. The post-extraction solutions were analyzed for TPHd and TPHmo. No TPHmo were detected (2000 and 2002 samples). Three of fourteen samples from 2002 had detections of TPHd in the post-extraction solution; there were no detections of TPHd in the 2000 extracts.¹¹ Two of the three detections exceeded the water quality objective of 100 µg/l for TPHd.

The results of this leachability testing can be used to make a conservative estimate of the threshold total TPHd concentrations that might produce exceedance of the water quality objective. This threshold would represent a cleanup standard for soil. The estimate by this method is conservative because the results of the modified WET tend to overestimate the concentration of TPHd that would occur in water that contacts the TPHd. As previously discussed in Section 3.3, the WET uses a fixed volume of water and disrupts the soil structure such that equilibrium partitioning will be achieved among the aqueous and non-aqueous phases present. Whereas, insitu, water migrates past the TPHd without disrupting the soil structure and without achieving equilibrium partitioning in the bulk of the water.

Using the results of leachability testing in 2002, we have estimated the threshold TPHd concentration by linear regression (Anderson, 1927). We performed a least-squares linear regression of total TPHd on WET TPHd with the regression line passing through the origin (Figure 12). For values reported as less than the detection limit, we substituted the detection limit (50 µg/l). We calculated upper and lower 95 percent confidence limits for the regression line. For the threshold concentration we used the lower confidence limit for total TPHd at a WET TPHd concentration of 100 µg/l, which was 1060 mg/kg.

As stated above, there were no detections of TPHmo in the WET extract. The maximum TPHmo concentration detected in the soil samples that underwent the WET procedure was 22,000 mg/kg. As indicated by the analytical results, higher concentrations of TPHmo generally were detected in the same samples that the higher TPHd concentrations were detected. Therefore, it is reasonable to assign the same threshold concentration for TPHd and TPHmo.

¹¹ For samples tested in 2002, these results are for post-extraction solutions prepared using EPA Method 3630, a silica gel cleanup. The Method 3630 removes non-hydrocarbons that would otherwise interfere with measurement of petroleum hydrocarbons using EPA Method 8015M.

Based on the above discussion, a remedial action at the site will be conducted to comply with the Basin Plan and Resolution 93-59 considering the threshold TPHd concentration calculated above, and assigning the same threshold TPHd concentration to TPHmo.

7.3 LONG-TERM PROTECTION OF HUMAN HEALTH

A comparison of specific constituents to residential and industrial PRGs was conducted as a screening-level health risk evaluation. Without a site-specific human health risk assessment, these screening criteria can be used as a remedial action objective, except for arsenic. As discussed in Section 5.2, metals in soil are naturally-occurring, and typical background concentrations for arsenic, an identified COC, are greater than their residential and industrial PRGs. Concentrations of arsenic at the site generally range up to approximately 8 mg/kg, which are consistent with published background concentrations (Section 5.2.1). Therefore, long-term protection of human health will be achieved at the site when constituent concentrations are less than residential PRGs and for arsenic, are less than background.

7.4 REMEDIAL ACTION OBJECTIVES

Based on the discussion presented above, the remedial action at the site will be designed to: 1) achieve water quality objectives on site, as set forth by the RWQCB; 2) comply with the Basin Plan and Resolution 93-59 considering the threshold TPHd and TPHmo concentration of 1060 mg/kg (Section 7.2); and long-term protection of human health using residential PRGs or background concentrations, as appropriate.

8.0 PROPOSED REMEDIAL ALTERNATIVE

The proposed remedial alternative was designed to address soil in the vadose (unsaturated) zone that contains TPHd and TPHmo above the threshold concentration of 1060 mg/kg, PAHs above residential PRGs, and arsenic above background concentrations.

The thickness of the vadose zone was assumed based on the depths at which saturated deposits typically were encountered during drilling and the depths at which grab groundwater samples were collected. As discussed in Section 2.3.3, saturated deposits typically were encountered at depths between 7 and 14 feet bgs in borings drilled between November and June; in September 2000, saturated deposits were observed between 11 and 20 feet bgs. Grab groundwater samples in September 2002 generally were collected with the top of the temporary well screen at 17 feet bgs. Based on this information, it is assumed that the vadose zone could extend to 17 feet bgs at this drier time of year.

Based on the above and the remedial action objectives (Section 7.4) the proposed program consists of:

1. removing shallow soil (to a depth of 1-foot bgs) at the locations where TPHd and TPHmo were detected in the fenced enclosure above 1060 mg/kg (SRB-70, SRB-71, and SRB-96);
2. excavating soil to a depth of approximately 10 feet bgs at SRB-21 over an area of 25 square feet to remove TPHd;
3. excavating soil to a depth of approximately 2 feet bgs at boring location SRB-36 over an area of approximately 25 square feet;
4. excavating soil to a depth of approximately 8 feet bgs at borings SRB-40 and SRB-41 over an area of approximately 25 square feet each to remove arsenic at concentrations greater than background;
5. excavating soil to a depth of approximately 1 foot below groundwater surface (not to exceed a maximum depth of 17 feet bgs) over an area of approximately 100 square feet at SRB-51 and pumping groundwater out of the excavated area;
6. excavating soil to a depth of approximately 10 feet bgs at SRB-88L and SRB-100 over an area of approximately 100 square feet each to remove TPHd and TPHmo at concentrations over 1060 mg/kg;
7. excavating soil along the pipeline to a depth of at least 4 feet below the bottom of the pipeline trench (and a depth of 5 feet near PL-12) or until the threshold concentrations for TPHd and TPHmo are achieved (to a maximum depth of 1 foot below groundwater surface);
8. installing an additional groundwater monitoring well along the site's western boundary at a location approximately downgradient of grab groundwater sampling location SRB-44 and borings SRB-99 and SRB-100; and,
9. conducting quarterly groundwater monitoring for one year from the newly-installed and existing wells, and semi-annually groundwater monitoring for an additional two years.

The locations of the proposed actions are shown on Figure 13. Approximately 300 cubic yards of in-place soil would be excavated. Assuming that the density of the soil is about 130 pounds per cubic foot, this in-place volume represents more than 500 tons of soil requiring disposal at a Class II disposal facility.

Soil excavation will be conducted using a backhoe, as possible, excavation sidewalls will be vertical, either shoring or staggered excavation techniques will be used to assure the integrity of the excavations.

It is anticipated that groundwater will enter the excavation at boring SRB-51. Groundwater would be pumped into a polyethylene tank. Sediments in the water will be allowed to settle, and the groundwater will be sampled to evaluate appropriate disposal. Given the low concentrations of dissolved TPHd and TPHmo in groundwater, where detected, it is assumed that the extracted groundwater can be disposed in the City of Santa Rosa sanitary sewer line, which traverses the site, with no treatment other than filtering.

Backfilling would be accomplished using control density fill (CDF) up to 10 feet bgs; imported select fill would be placed and nominally compacted from 10 feet bgs to ground surface. Other, shallower excavations will be backfilled with imported, select fill.

Prior to backfilling, confirmation soil samples will be collected as follows:

- One soil sample will be collected at the bottom of the discrete, shallow excavations at SRB-70, SRB-71, and SRB-96 and analyzed for TPHd and TPHmo.
- One soil sample will be collected from the bottom of the shallow excavation at SRB-36 and analyzed for PAHs.
- A total of five soil samples will be collected at the excavation at boring SRB-21; one sample will be collected at the bottom of the excavation and one sample will be collected at each of the sidewalls at a depth of about 7 feet bgs (where the highest TPHd concentration was detected). These samples will be analyzed for TPHd.
- A total of five soil samples will be collected from each of the excavations at SRB-40 and SRB-41; one sample will be collected from the bottom of the excavation and a sample will be collected on each sidewall at a depth of about 7.5 feet bgs, where the highest arsenic concentrations were detected.
- A total of six soil samples will be collected from each of the excavations at borings SRB-51, SRB-88L, and SRB-100; two of these samples will be collected along the excavation bottom and one sample along each of the sidewalls at a depth of approximately 8 feet bgs in SRB-88L, 10 feet bgs in the SRB-51 excavation and 8 feet bgs in the SRB-100 excavation (where the highest TPHd and TPHmo concentrations were detected samples from these excavations will be analyzed for TPHd and TPHmo.

9.0 IMPLEMENTATION OF THE RECOMMENDED ALTERNATIVE

Following regulatory approval of the proposed remedial alternative, UPRR will proceed with its implementation, including excavation contractor selection, coordination of drillers, and permitting. It is anticipated that it will require approximately 12 weeks to plan and implement the work. A remedial action implementation report could be submitted to the RWQCB six weeks following completion of the program.

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TABLE 1
SUMMARY OF WATER LEVEL ELEVATIONS
 Santa Rosa Station Phased Closing Property
 Santa Rosa, California

Well ID ¹	Date	TOC ² Elevation (feet msl) ³	Depth-to-Water Measurement (feet TOC) ⁴	Groundwater Elevation (feet msl)
SRMW-05	11/26/01 ⁵	149.05	11.38	137.67
	12/20/2001	149.05	8.30	140.75
	3/19/2002	149.05	9.92	139.13
	6/5/2001	149.05	14.76	134.29
	9/17/2002	149.05	16.74	132.31
SRMW-06	11/26/01 ⁵	149.71	14.64	135.07
	12/20/2001	149.71	11.17	138.54
	3/19/2002	149.71	11.94	137.77
	6/5/2002	149.71	16.89	132.82
	9/17/2002	149.71	18.49	131.22
SRMW-07	11/26/01 ⁵	151.25	11.93	139.32
	12/20/2001	151.25	8.66	142.59
	3/19/2002	151.25	10.03	141.22
	6/5/2002	151.25	14.07	137.18
	9/17/2002	151.25	16.70	134.55
SRMW-08	11/26/01 ⁵	152.29	9.40	142.89
	12/20/2001	152.29	7.55	144.74
	3/19/2002	152.29	9.15	143.14
	6/5/2002	152.29	11.13	141.16
	9/17/2002	152.29	12.47	139.82
SRMW-10	11/26/01 ⁵	150.26	12.06	138.20
	12/20/2001	150.26	8.13	142.13
	3/19/2002	150.26	9.43	140.83
	6/5/2002	150.26	14.11	136.15
	9/17/2002	150.26	16.65	133.61

Notes:

¹ Monitoring wells SRMW-05 and SRMW-06 are located west of the site on the Salvador Trust property, SRMW-07 and SRMW-08 are located east of the site on property owned by the NWPRA, and well MW-10 is located on the site.

² TOC = Top of well casing.

³ Feet MSL = feet above mean sea level (NAD 83', Zone 2, State of California).

⁴ Feet TOC = measured in feet below TOC.

⁵ Water level measured prior to well development on December 18, 2001.

TABLE 2
BORING SUMMARY TABLE
Santa Rosa Station Phased Closing Property
Santa Rosa, California



Feature or Issue	Boring Identification	Soil Sample	Grab Groundwater	Other
Sitewide				
Southern Oil Trap	21	X	X	
	36	X	X	Leachability testing
	40	X	X	Leachability testing
	41	X	X	
	49		X	
Northern Oil Trap	22	X	X	
	35	X	X	
Turntable	24	X		
	25	X		
	38		X	
Oil Column	26	X	X	
Former 230-gallon Fuel Oil	29 ^a		X	
Underground Storage Tank (UST)	30 ^a		X	
USTs (10,000-gallon diesel, 10,000-gallon gasoline)	55		X	
	ICB-1 ^b	X	X	
	ICB-2 ^b	X	X	
	ICB-3 ^b	X	X	
	ICB-4 ^b	X	X	
Southern Pump House	32	X	X	Leachability testing
Northern Track and Downgradient Property Boundary	20	X	X	
Adjacent to former RWQCB well RBMW-2 and Downgradient of fenced enclosure	31		X	
Downgradient Property Boundary (southwest)	37		X	
Downgradient Property Boundary (northwest)	48		X	
Upgradient Property Boundary (off site on NWPRA property)	58-61		X	
General Site Groundwater Quality	<u>Geomatrix wells</u> on site: MW-10 on NWPRA property: MW-07 and MW-08 on Salvador Trust property: MW-05 and MW-06			Groundwater samples, groundwater flow direction
	<u>RWQCB wells</u> RBMW-1 and RBMW-2	X		Groundwater samples
	<u>Mead-Clark wells</u> GW-24 and GW-27			Groundwater samples

TABLE 2

BORING SUMMARY TABLE
Santa Rosa Station Phased Closing Property
Santa Rosa, California



Feature or Issue	Boring Identification	Soil Sample	Grab Groundwater	Other
General Site Soil Quality	<u>RWOCB borings</u> RBB-1 and RBB-2	X		
Fenced Enclosure				
• Surface Staining	27	X		
• Fuel Storage House	28	X		
• Abandoned Gasoline Aboveground Storage Tank (AST)	39 ^{a,c} 73, 96	X X	X	(See 230-gallon fuel UST)
• Former Storage Trailer	70-72	X		
• Eastern Fence Line (upgradient)	42		X	
• Northern Fence Line	43		X	
• Western Fence Line	56 62	X X		
• Former 230-gallon Fuel Oil UST	39 ^c ICB-6 ^b 74 ^{a,c}	X X X	X X X	
Northwestern Area				
3000-bbl oil AST	23	X	X	
	34	X	X	
	44 - 47		X	
	75	X	X	Visual Observation
	76-77		X	Visual Observation
	95, 97-98, 102			Visual Observation
	99-101, 103	X		Visual Observation; Leachability testing on 100
Northern Pump House	33	X		
Visually Impacted Soil Area	50		X	Visual Observation
	51	X		Visual Observation
	52	X		Visual Observation
	53			Visual Observation; Leachability testing
	54		X	Visual Observation
	63-69, 78, 82, 84-87, 89, 92, 94			Visual Observation
	79-81, 83, 88, 90-91, 93	X		Visual Observation; Leachability testing on 79 and 88
Former Pipeline Area	PL-01-PL-12	X		Leachability testing on PL-06 and PL-12

TABLE 2
BORING SUMMARY TABLE
Santa Rosa Station Phased Closing Property
Santa Rosa, California



Notes:

- a. Geomatrix borings 29 and 30 (SRB-29 and SRB-30) were placed at locations that initially were thought to be directly at and southwest of former Industrial Compliance boring B-6 (ICB-6) and the 230-gallon UST. Upon further field review, it appeared that borings 29 and 30 were placed approximately northwest and downgradient of ICB-6. Geomatrix borings SRB-39 and SRB-74 subsequently was drilled adjacent to ICB-6.
 - b. Borings ICB-1 through ICB-4 and ICB-6 were drilled by Industrial Compliance in 1992 to evaluate the possible environmental impacts from former underground storage tanks.
 - c. Geomatrix borings SRB-39 and SRB-74 were drilled to replicate results from ICB-6 and were field-located with Ms. Joan Fleck of the RWQCB; these borings also are located immediately west of the abandoned aboveground tank within the fenced enclosure.
-
1. Borings SRB-20 through SRB-31 were advanced in November 1996 as part of the due diligence environmental characterization for the property transfer between Union Pacific Railroad Company (successor to Southern Pacific Railroad Company) and the Northwestern Pacific Railroad Authority.
 2. Borings SRB-32 through SRB-41 were advanced in March 2000 in response to the August 1999 request from the Regional Water Quality Control Board, North Coast Region (RWQCB) for leachability testing, additional grab groundwater sampling, and evaluation of potential environmental impacts from the two on-site pump houses.
 3. Borings SRB-42 through SRB-54 were advanced in August 2001 in response to the July 2000 request from the RWQCB to evaluate the source of MTBE, further characterize the area near the former 3000-barrel aboveground storage tank, and further evaluate the southern oil trap.
 4. Monitoring wells SRMW-05 through SRMW-08 and SRMW-10 were installed in September 2001 in accordance with Geomatrix's January 2001 work plan, as amended in response to the RWQCB's April 2001 review comments.
 5. Borings SRB-63 through SRB-103 and PL-01 through PL-12 were advanced in June through November 2002 in response to: 1) the April 2002 request from the RWQCB to evaluate the extent of visually-impacted soil in the vadose-zone in the northwestern portion of the site; 2) the June 2002 request from the RWQCB to evaluate the extent of visually-impacted soil in the vadose-zone in the vicinity of the former 3000-barrel aboveground storage tank; and 3) comply with requirements for the removal of underground pipelines.

TABLE 3
ANALYTICAL RESULTS OF
SOIL AND GROUNDWATER SAMPLES COLLECTED BY OTHERS
 Santa Rosa Station Phased Closing Property
 Santa Rosa, California

Page 1 of 2

ID	Owner	Date	Depth (feet bgs)	TPHg	TPHd	TPHmo	TPHog	TPHk	BTEX	PAHs	CVOCs
Soil Borings (milligrams per kilogram [mg/kg])											
RBB-1	RWQCB	4/90	12	ND	ND	NA	200	NA	NA	See Note 1	NA
RBB-2	RWQCB	4/90	NA	ND	ND	NA	ND	NA	NA	NA	NA
RBMW-2	RWQCB	4/90	6	ND	20	NA	NA	NA	NA	NA	NA
			11	ND	ND	NA	NA	NA	ND	NA	NA
			16	ND	ND	NA	NA	NA	ND	NA	NA
			21	ND	ND	NA	NA	NA	ND	NA	NA
			31	ND	ND	NA	NA	NA	ND	NA	NA
RBMW-3	RWQCB	4/90	6	ND	30	NA	NA	NA	ND	NA	NA
			11	ND	14	NA	NA	NA	X = 0.011	NA	NA
			16	ND	11	NA	NA	NA	ND	NA	NA
			21	ND	ND	NA	NA	NA	ND	NA	NA
			27.5	ND	12	NA	NA	NA	ND	NA	NA
			31	ND	ND	NA	NA	NA	ND	NA	NA
IC-B1	Industrial Compliance	5/92	NA	ND	ND	ND	NA	ND	ND	ND	NA
IC-B2	Industrial Compliance	5/92	NA	ND	ND	ND	NA	ND	ND	ND	NA
IC-B3	Industrial Compliance	5/92	NA	ND	ND	ND	NA	ND	ND	ND	NA
IC-B4	Industrial Compliance	5/92	NA	ND	ND	ND	NA	ND	ND	ND	NA
IC-B6	Industrial Compliance	5/92	11	ND	37	ND	NA	ND	ND	ND	NA
Grab Groundwater (micrograms per liter [µg/l])											
IC-B1	Industrial Compliance	5/92	--	ND	ND	NA	NA	NA	ND	NA	NA
IC-B2	Industrial Compliance	5/92	--	ND	ND	NA	NA	NA	ND	NA	NA
IC-B3	Industrial Compliance	5/92	--	ND	ND	NA	NA	NA	ND	NA	NA
IC-B4	Industrial Compliance	5/92	--	ND	ND	NA	NA	NA	ND	NA	NA
IC-B6	Industrial Compliance	5/92	--	ND	31,000	NA	NA	NA	ND	NA	NA

TABLE 3
ANALYTICAL RESULTS OF
SOIL AND GROUNDWATER SAMPLES COLLECTED BY OTHERS
Santa Rosa Station Phased Closing Property
Santa Rosa, California

Page 2 of 2

ID	Owner	Date	Depth (feet bgs)	TPHg	TPHd	TPHmo	TPHog	TPHk	BTEX	PAHs	CVOCs
Monitoring Wells (micrograms per liter [µg/l])											
GW-24 ²	Mead Clark	4/6/88	--	ND	NA	NA	NA	NA	ND	NA	PCE = 7.6
GW-24 ²	Mead Clark	7/19/89	--	ND	NA	NA	NA	NA	B = 0.7	NA	NA
GW-24 ²	Mead Clark	2/19/90	--	ND	NA	NA	NA	NA	E = 0.3	NA	NA
GW-27 ²	Mead Clark	4/14/88	--	ND	NA	NA	NA	NA	ND	NA	PCE = 0.8
GW-27 ²	Mead Clark	7/19/89	--	NA	NA	NA	NA	NA	ND	NA	NA
RBMW-2	RWQCB	6/20/90	--	ND	ND	NA	ND	NA	ND	NA	NA
RBMW-2	RWQCB	6/25/91	--	ND	ND	NA	ND	NA	ND	NA	NA
RBMW-3	RWQCB	6/20/90	--	ND	400	NA	ND	NA	ND	NA	NA
RBMW-3	RWQCB	6/25/91	--	ND	ND	NA	ND	NA	ND	NA	PCE = 2.5

Notes:

¹ PNAs detected in boring RBB-1 include naphthalene (2.08 mg/kg); 2-methylnaphthalene (1.15 mg/kg); acenaphthalene (1.45 mg/kg); dibenzofuran (1.13 mg/kg); fluorene (1.38 mg/kg); phenanthrene (3.86 mg/kg); anthracene (0.557 mg/kg), and benzo(a)anthracene (0.324 mg/kg).

² GW-24 and GW-27 were installed on behalf of Mead Clark. The analytical results for GW-24 and GW-27 show only the monitoring events in which constituents were detected. Six monitoring events have been performed (4/88, 6/88, 10/88, 1/89, 4/89, 7/89). Chlorinated volatile organic compounds (CVOCs) were tested for only in 4/88. Additional groundwater sampling was conducted at monitoring well GW-24 for TPHg and BTEX (2/90, 6/90, and 10/90).

Abbreviations:

TPHg = total petroleum hydrocarbons quantified as gasoline
TPHd = total petroleum hydrocarbons quantified as diesel
TPHmo = total petroleum hydrocarbons quantified as motor oil
TPHog = total petroleum hydrocarbons quantified as oil & grease
TPHk = total petroleum hydrocarbons quantified as kerosene
RWQCB = Regional Water Quality Control Board - North Coast Region
BTEX = benzene, toluene, ethylbenzene, and xylenes

PAHs = polynuclear aromatic hydrocarbons
CVOCs = chlorinated volatile organic compounds
feet bgs = feet below ground surface
NA = not available
ND = not detected above the laboratory detection limit
PCE = tetrachloroethene

TABLE 4
ANALYTICAL RESULTS FOR QUARTERLY GROUNDWATER MONITORING¹
 Santa Rosa Station Phased Closing Property
 Santa Rosa, California

Concentrations in micrograms per liter (µg/l)

Well ID ²	Date Sampled	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TPHg	TPHd	TPHmo	PAHs
SRMW-05	12/20/2001	NA ³	NA	NA	NA	NA	NA	<50 ⁴	<300	<0.94
	3/19/2002	NA	NA	NA	NA	NA	NA	<50	<300	<0.94
	6/5/2002	NA	NA	NA	NA	NA	NA	<61	<610	<0.10
	9/17/2002	NA	NA	NA	NA	NA	NA	<50	<500	<0.10
SRMW-06	12/20/2001	NA	NA	NA	NA	NA	NA	<50	<300	<0.94
	3/19/2002	NA	NA	NA	NA	NA	NA	<50	<300	<0.94
	6/5/2002	NA	NA	NA	NA	NA	NA	<60	<600	<0.11
	9/17/2002	NA	NA	NA	NA	NA	NA	<50	<500	<0.10
SRMW-07	12/20/2001	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<50	<300	<0.94
	3/19/2002	<0.5	<0.5	<0.5	<0.5	0.6	<50	<50	<300	<0.94
	6/5/2002	<1	<1	<1	<1	5.3	<50	130U ⁵	<500	<0.10
	9/17/2002	<0.5	<0.5	<0.5	<1	12	<50	<50	<500	<0.10
SRMW-08	12/20/2001	<0.5	<0.5	<0.5	<0.5	4.4	<50	NA	NA	NA
	3/19/2002	<0.5/<0.5 ⁶	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	5.3/5.2	<50/<50	NA	NA	NA
	6/5/2002	<1/<1	<1/<1	<1/<1	<1/<1	11/11	<50/<50	NA	NA	NA
	9/17/2002	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1/<1	14/16	<50/<50	NA	NA	NA
SRMW-10	12/20/2001	NA	NA	NA	NA	NA	NA	<50/<50	<300/<300	<0.94/<0.94
	3/19/2002	NA	NA	NA	NA	NA	NA	<50	<300	<0.94
	6/5/2002	NA	NA	NA	NA	NA	NA	<62	<620	<0.10
	9/17/2002	NA	NA	NA	NA	NA	NA	<50	<500	<0.10

Notes:

¹ Monitoring well groundwater samples collected by Geomatrix Consultants, Inc., and analyzed by Severn Trent Laboratories (STL) San Francisco of Pleasanton, California for benzene, toluene, ethylbenzene, and total xylenes (BTEX) and methyl tertiary butyl ether (MTBE) by U.S. EPA Method 8260; total petroleum hydrocarbons quantified as gas (TPHg), diesel (TPHd), and motor oil (TPHmo) by U.S. EPA Method 8015M; and polynuclear aromatic hydrocarbons (PAHs) by U.S. EPA Method 8270 SIM.

² Monitoring wells SRMW-05 and SRMW-06 are located west of the site on the Salvador Trust property, SRMW-07 and SRMW-08 are located east of the site on property owned by the NWPRA, and well MW-10 is located on the site.

³ NA = not analyzed.

⁴ "<" = not detected above the laboratory detection limit shown.

⁵ "U" indicates compound was positively identified; the associated numerical value is less than five times the concentration detected in the field equipment blank and the result is considered non-detect.

⁶ "<0.5/<0.5" = primary sample/duplicate sample

TABLE 5
ANALYTICAL RESULTS FOR METALS IN SOIL¹
 Santa Rosa Station Phased Closing Property
 Santa Rosa, California

Results reported in milligrams per kilogram (mg/kg)

Borehole	Sampling Depth ²	Date Collected	Antimony	Arsenic	Barium	Beryllium	Cadmium	Total Chromium	Chromium (VI)	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Sitewide																				
SRB-20	c ³ -1.0, 4.0, 6.5	11/15/1996	<1	2.6	150	0.4	<0.2	75	-- ⁴	17	25	14	<0.06	<0.2	130	<1	0.3	4	40	53
	c-9.0, 11.5, 14.0	11/15/1996	<1	1.4	150	0.4	<0.2	49	--	14	21	7	<0.06	<0.2	80	<1	0.2	11	27	34
SRB-21	c-1.5, 4.0	11/14/1996	<1	2.3	180	0.6	<0.2	82	--	18	31	9	<0.06	<0.2	110	<1	0.3	24	46	47
	7.0	11/14/1996	<1	1.4	180	0.5	<0.2	81	--	17	31	8	<0.06	<0.2	120	<1	0.2	22	39	44
	9.0	11/14/1996	<1	0.9	220	0.6	<0.2	92	--	18	32	9	<0.06	<0.2	130	<1	0.3	26	40	50
	11.0	11/14/1996	<1	<0.5	160	0.4	<0.2	72	--	8.6	23	7	<0.06	<0.2	83	<1	0.2	17	25	40
	13.5	11/14/1996	<1	<0.5	160	0.6	<0.2	56	--	14	23	8	<0.06	<0.2	92	<1	0.2	18	20	37
SRB-24	c-1.0, 4.0, 6.5	11/15/1996	<1	1.6	180	0.5	<0.2	69	--	18	29	18	<0.06	<0.2	100	<1	0.3	17	39	49
	c-9.0, 11.5, 14.0	11/15/1996	<1	<0.5	180	0.5	<0.2	62	--	17	23	8	<0.06	<0.2	98	<1	0.2	16	29	36
SRB-25	c-1.5, 4.0, 6.5	11/15/1996	<1	0.8	210	0.6	<0.2	76	--	21	29	8	<0.06	<0.2	130	<1	0.3	19	42	47
	c-9.0, 11.5, 14.0	11/15/1996	<1	0.7	170	0.5	<0.2	64	--	11	23	7	<0.06	<0.2	97	<1	0.3	18	30	38
SRB-26	c-1.5, 4.0, 6.5	11/14/1996	<1	2.8	180	0.5	<0.2	81	--	19	32	8	<0.06	<0.2	130	<1	0.3	23	47	47
	c-10.5, 12.0, 14.5	11/14/1996	<1	1.5	190	0.6	<0.2	88	--	16	31	9	<0.06	<0.2	120	<1	0.2	26	41	49
SRB-32	1.0	3/6/2000	<25	<5	110	<5	<5	170	--	<5	21	57	0.59	<5	80	<25	<5	<25	47	83
	4.5	3/7/2000	<25	<5	150	<5	<5	53	--	17	17	<5	<0.05	<5	96	<25	<5	<25	45	55
SRB-36	1.0	3/6/2000	<25	<5	95	<5	<5	43	--	15	20	48	0.059	<5	97	<25	<5	<25	57	61
	4.5	3/6/2000	<25	<5	200	<5	<5	85	--	30	22	<5	<0.05	<5	160	<25	<5	<25	66	67
	7.5	3/6/2000	--	--	--	--	--	--	--	--	--	--	--	--	140	--	--	--	--	--
SRB-40	1.0	3/7/2000	<25	<5	56	<5	<5	22	--	8.9	56	110	0.093	<5	66	<25	<5	<25	24	44
	4.5	3/7/2000	<25	14	160	<5	<5	110	--	22	30	7.4	0.058	<5	180	<25	<5	<25	67	60
	7.5	3/7/2000	--	27	--	--	--	82	--	--	--	--	--	--	140	--	--	--	--	--
	10.5	3/7/2000	--	<5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SRB-41	1.0	3/7/2000	<25	11	82	<5	<5	53	--	14	31	18	<0.05	<5	76	<25	<5	<25	43	43
	4.5	3/7/2000	<25	20	150	<5	<5	86	--	18	26	<5	<0.05	<5	140	<25	<5	<25	57	51
	7.5	3/7/2000	--	22	--	--	--	--	--	--	--	--	--	--	140	--	--	--	--	--
	10.5	3/7/2000	--	<5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fenced Enclosure																				
SRB-27	1.5	11/14/1996	0.6	7.6	57	0.3	<0.2	29	--	10	32	23	0.13	<0.2	40	<1	0.2	12	38	48
	4.5	11/14/1996	<1	<0.5	180	0.6	<0.2	64	--	16	29	8	<0.06	<0.2	89	<1	0.2	20	43	46
SRB-28	c-1.5, 4.5, 7.0	11/14/1996	<1	5	160	0.5	<0.2	73	--	16	32	11	0.12	<0.2	110	<1	0.2	22	47	49
	c-9.0, 11.5, 14.0	11/14/1996	<1	2.2	180	0.5	<0.2	79	--	21	24	6	<0.06	<0.2	120	<1	0.2	21	36	41
SRB-39	1.0	3/6/2000	<25	<5	57	<5	<5	31	--	<5	<5	77	0.17	<5	43	<25	<5	<25	33	55
	4.5	3/6/2000	<25	<5	150	<5	<5	58	--	<5	<5	<5	0.1	<5	78	<25	<5	<25	39	48
	7.5	3/6/2000	--	--	140	--	--	76	--	--	--	--	--	--	100	--	--	--	--	--

TABLE 5
ANALYTICAL RESULTS FOR METALS IN SOIL¹
 Santa Rosa Station Phased Closing Property
 Santa Rosa, California

Results reported in milligrams per kilogram (mg/kg)

Borehole	Sampling Depth ²	Date Collected	Antimony	Arsenic	Barium	Beryllium	Cadmium	Total Chromium	Chromium (VI)	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Northwestern Area																				
SRB-22	c-1.5, 4.0, 7.0	11/14/1996	<1	1.9	150	0.4	<0.2	70	--	19	26	10	<0.06	<0.2	130	<1	0.3	8	43	48
	10.5	11/14/1996	<1	4.6	180	0.4	<0.2	65	--	17	28	7	<0.06	<0.2	120	<1	0.2	20	37	44
	12.5	11/14/1996	<1	2.1	180	0.5	<0.2	70	--	13	25	7	<0.06	<0.2	110	<1	0.2	22	33	42
	14.5	11/14/1996	<1	<0.5	190	0.7	<0.2	63	--	18	28	9	<0.06	<0.2	100	<1	0.2	23	30	46
SRB-23	c-1.5, 4.5, 7.5	11/14/1996	<1	3.1	130	0.4	<0.2	62	--	15	28	10	<0.06	<0.2	93	<1	0.2	22	52	46
	c-10, 13.0, 14.5	11/14/1996	<1	3.2	73	0.3	<0.2	39	--	12	23	4	<0.06	<0.2	69	<1	0.2	15	35	34
SRB-33	1.0	3/7/2000	<25	<5	160	<5	<5	470	--	29	20	13	0.083	<5	190	<25	<5	<25	56	54
	4.5	3/7/2000	<25	<5	140	<5	<5	630	--	21	17	13	<0.05	<5	160	<25	<5	<25	62	55
SRB-33A	1.0	5/9/2000	--	--	--	--	--	87	<0.1	--	--	--	--	--	--	--	--	--	--	--
	4.5	5/9/2000	--	--	--	--	--	80	<0.1	--	--	--	--	--	--	--	--	--	--	--
SRB-33B	1.0	5/9/2000	--	--	--	--	--	85	<0.1	--	--	--	--	--	--	--	--	--	--	--
	4.5	5/9/2000	--	--	--	--	--	140	<0.1	--	--	--	--	--	--	--	--	--	--	--
SRB-34	1.0	3/7/2000	<25	<5	150	<5	<5	320	--	16	18	23	<0.05	<5	92	<25	<5	<25	46	53
	4.5	3/7/2000	<25	<5	160	<5	<5	440	--	20	19	10	<0.05	<5	140	<25	<5	<25	61	55
	7.5	3/7/2000	--	--	--	--	--	68	--	--	--	--	--	--	130	--	--	--	--	--
SRB-34A	1.0	5/9/2000	--	--	--	--	--	43	<0.1	--	--	--	--	--	--	--	--	--	--	--
	4.5	5/9/2000	--	--	--	--	--	80	<0.1	--	--	--	--	--	--	--	--	--	--	--
SRB-34B	1.0	5/9/2000	--	--	--	--	--	35	<0.1	--	--	--	--	--	--	--	--	--	--	--
	4.5	5/9/2000	--	--	--	--	--	75	<0.1	--	--	--	--	--	--	--	--	--	--	--
SRB-35	1.0	3/7/2000	<25	<5	190	<5	<5	61	--	21	22	15	<0.05	<5	97	<25	<5	<25	68	68
	4.5	3/7/2000	<25	<5	170	<5	<5	93	--	21	20	8.7	0.056	<5	150	<25	<5	<25	68	71
	7.0	3/7/2000	--	--	--	--	--	--	--	--	--	--	--	--	110	--	--	--	--	--
Residential PRG ⁵ (mg/kg)			310	0.39	5,400	150	37	100,000	30	4,700	2,900	400	6.1	390	1,600	390	390	5.2	550	23,000
Industrial PRGs ⁵ (mg/kg)			820	2.7 ⁶	100,000	2200	810	100,000 ⁷	64	100,000	76,000	750	88	10,000	41,000	10,000	10,000	130	14,000	100,000
STLC (mg/l) ⁸			15	5.0	100	0.75	1.0	560		80	25	5.0	0.2	350	20	1.0	5	7.0	24	250
TTLC (mg/kg) ⁹			500	500	10,000	75	100	2500	500	8000	2500	1000	20	3500	2000	100	500	700	2400	5000

Notes:

¹ Samples collected by Geomatrix Consultants, Inc. Samples collected in 1996 were analyzed by American Environmental Network of Pleasant Hill, California. Samples collected in 2000 were analyzed by Entech Analytical, Inc., of Sunnyvale, California. Metals analyzed in accordance with U.S. EPA Methods 6000/7000 series.

² Sampling depth measured in feet below ground surface. Depth listed represents the bottom depth of the sample interval (i.e. 4 equals a six inch sample collected from 3.5 - 4.0 feet below ground surface).

³ "c" denotes composite sample.

⁴ -- = Sample not analyzed for this metal.

⁵ Residential and Industrial Preliminary Remediation Goals (PRGs) from U.S. EPA Region 9 (U.S. EPA 2000).

⁶ The residential and industrial PRGs for arsenic at cancer risk levels of 1×10^{-6} to 1×10^{-4} range between 0.39 mg/kg and 39 mg/kg (residential), and 2.7 and 270 mg/kg (industrial), respectively. At 1×10^{-6} cancer risk, the PRG is less than background and therefore is not applicable.

⁷ The industrial PRG for chromium (III) is used, as speciation of chromium in borings SRB 33-A, SRB 33-B, SRB-34A, and SRB 34-B did not indicate the presence of chromium (VI).

⁸ STLC = Soluble Threshold Limit Concentration, California Code of Regulations, Title 22, Section 66216.24

⁹ TTLC = Total Threshold Limit Concentration, California Code of Regulations, Title 22, Section 66216.24

TABLE 6
ANALYTICAL RESULTS
FOR TOTAL PETROLEUM HYDROCARBONS IN SOIL¹
Santa Rosa Station Phased Closing Property
Santa Rosa, California

Results reported in milligrams per kilogram (mg/kg), unless otherwise noted

Borehole	Sampling Depth ²	Date Collected	TPHg	TPHd	TPHmo	TPH Bunker-C Fuel Oil
Sitewide						
SRB-20	c ³ -1.0, 4.0, 6.5	11/15/1996	-- ⁴	<20 ⁵	900	--
	4	11/15/1996	--	--	69	--
	6.5	11/15/1996	--	--	<5	--
	c-9.0, 11.5, 14.0	11/15/1996	--	<1	56	--
SRB-21	c-1.5, 4.0	11/14/1996	--	130	510	--
	7	11/14/1996	--	1600	<100	--
	9	11/14/1996	--	960	<50	--
	11	11/14/1996	--	150	<5	--
	13.5	11/14/1996	--	<1	<5	--
SRB-24	c-1.0, 4.0, 6.5	11/15/1996	--	<1	<5	--
	c-9.0, 11.5, 14.5	11/15/1996	--	<1	<5	--
SRB-25	c-1.5, 4.0, 6.5	11/15/1996	--	<1	<5	--
	c-9.0, 11.5, 14.0	11/15/1996	--	<1	<5	--
SRB-26	c-1.5, 4.0, 6.5	11/14/1996	--	<1	12	--
	c-10.5, 12.0, 14.5	11/14/1996	--	<1	<5	--
SRB-32	1	3/6/2000	--	160	<65	--
	4.5	3/7/2000	--	2.8 ⁵	<13	--
SRB-36	1	3/6/2000	--	430 ⁵	780	--
	4.5	3/6/2000	--	<1	<13	--
SRB-40	1	3/7/2000	--	990 ⁵	1700	--
	4.5	3/7/2000	--	130 ⁵	240	--
	7.5	3/7/2000	--	210 ⁵	370	--
	14	3/7/2000	--	<1	<13	--
SRB-41	1	3/7/2000	--	<1	40	--
	4.5	3/7/2000	--	<1	<13	--
Fenced Enclosure						
SRB-27	1.5	11/14/1996	--	<1	72	--
	4.5	11/14/1996	--	<1	<5	--
SRB-28	c-1.5, 4.5, 7.0	11/14/1996	--	<1	130	--
	c-9.0, 11.5, 14.0	11/14/1996	--	<1	<5	--
SRB-39	1	3/6/2000	--	<20	720	--
	4.5	3/6/2000	--	<1	51	--
SRB-56	1.0 ⁶	9/25/2001	<26	<52	<260	--
	1.5 ⁶	9/25/2001	<1.1	<1.1	<5.3	--
	6.0 ⁶	9/25/2001	<1.2	<1.2	<6.1	--
SRB-70	0.5	8/2/2002	<1.0	1200	5600	--
	3	8/2/2002	<1.0	120	500	--
	5	8/2/2002	<1.0	<1.0	<50	--
SRB-71	0.5	8/2/2002	<1.0	270	1300	--
	3	8/2/2002	<1.0	<1.0	<5.0	--
	5	8/2/2002	<1.0	<1.0	<5.0	--
SRB-72	0.5	6/20/2002	<1	10/6.8 ⁷	<50/<50 ⁷	--
	3	6/20/2002	<1.3	130/170 ⁷	350/260 ⁷	--
	5	6/20/2002	<1	<1/1 ⁷	<50/<50 ⁷	--

TABLE 6
ANALYTICAL RESULTS
FOR TOTAL PETROLEUM HYDROCARBONS IN SOIL¹
Santa Rosa Station Phased Closing Property
Santa Rosa, California

Page 2 of 4

Results reported in milligrams per kilogram (mg/kg), unless otherwise noted

Borehole	Sampling Depth ²	Date Collected	TPHg	TPHd	TPHmo	TPH Bunker-C Fuel Oil
SRB-73	0.5	6/20/2002	<1	180/120 ⁷	360/260 ⁷	--
	3	6/20/2002	2.5	440/410 ⁷	610/570 ⁷	--
	5	6/20/2002	<1.9	11/8.8 ⁷	<50/<50 ⁷	--
SRB-74	1	6/25/2002	<1	8/7.2 ⁷	87/84 ⁷	--
	5	6/25/2002	<1.6	<1/<1 ⁷	<50/<50 ⁷	--
	9	6/25/2002	<1	--	--	--
	11		--	<1/<1 ⁷	<50/<50 ⁷	--
	15	6/25/2002	<1	<1/<1 ⁷	<50/<50 ⁷	--
SRB-96	0.5	6/20/2002	13	2400/2700 ⁷	3300/2800 ⁷	--
	3	6/20/2002	<1	<1/<1 ⁷	<50/<50 ⁷	--
	5	6/20/2002	<1	<1/<1 ⁷	<50/<50 ⁷	--
Northwestern Area						
SRB-22	c-1.5, 4.0, 7.0	11/14/1996	--	<1	43	--
	10.5	11/14/1996	--	<1	120	--
	12.5	11/14/1996	--	67	210	--
	14.5	11/14/1996	--	<1	<5	--
SRB-23	c-1.5, 4.5, 7.5	11/14/1996	--	5	28	--
	c-10.0, 13.0, 14.5	11/14/1996	--	<1	<5	--
SRB-33	1	3/7/2000	--	2.3 ⁵	<13	--
	4.5	3/7/2000	--	<1	<13	--
SRB-34	1	3/7/2000	--	2.1 ⁵	<13	--
	4.5	3/7/2000	--	2.2 ⁵	<13	--
SRB-35	1	3/7/2000	--	<1	<13	--
	4.5	3/7/2000	--	<1	<13	--
SRB-51	19.5	9/27/2000	--	8500	7600	--
SRB-52	19.5	9/27/2000	--	830	970	--
SRB-53L	5	11/14/2002	--	350	810	--
	11	11/14/2002	--	20	61	--
SRB-75	1	6/24/2002	<1	6.3/4.9 ⁷	57/<50 ⁷	--
	2	6/24/2002	<1	6.7/6.7 ⁷	54/60 ⁷	--
	5	6/24/2002	<1	<1/<1 ⁷	<50/<50 ⁷	--
	17	6/24/2002	--	<1	<50	--
	19	6/24/2002	<1	1200/990 ⁷	1200/840 ⁷	--
	20	6/24/2002	--	310	340	--
SRB-79L	5	11/14/2002	--	310	950	--
	11	11/14/2002	--	<10	<50	--
SRB-80	16	6/18/2002	--	<1	<50	--
	21.5	6/18/2002	--	<1	<50	--
SRB-81	8.5	6/18/2002	--	<1	<50	<50
	15.5	6/18/2002	--	160	230	<100
	22	6/18/2002	--	<1	<50	<50
SRB-83	9	6/18/2002	--	<1	<50	--
	21	6/18/2002	--	4.9	<50	--
SRB-88	21	6/19/2002	--	4	<50	<50

TABLE 6
ANALYTICAL RESULTS
FOR TOTAL PETROLEUM HYDROCARBONS IN SOIL¹
 Santa Rosa Station Phased Closing Property
 Santa Rosa, California

Results reported in milligrams per kilogram (mg/kg), unless otherwise noted

Borehole	Sampling Depth ²	Date Collected	TPHg	TPHd	TPHmo	TPH Bunker-C Fuel Oil
SRB-88L	8	11/14/2002	--	1400	1800	--
	11	11/14/2002	--	610	780	--
SRB-90	14	6/19/2002	--	21	<50	--
	17	6/19/2002	--	150	210	--
SRB-91	11	6/19/2002	--	8.8	<50	<50
	14	6/19/2002	--	73	91	<50
SRB-93	14	6/20/2002	--	87	130	--
	18	6/20/2002	--	<1	<50	--
SRB-99	14	6/25/2002	--	10/8.4 ⁷	<50/<50 ⁷	<50
	17	6/25/2002	--	120	130	--
	20	6/25/2002	--	1300/1100 ⁷	1300/940 ⁷	<500
	23	6/25/2002	--	<1	<50	--
SRB-100	5	6/25/2002	--	130/120 ⁷	1200/930 ⁷	<500
	7.5	6/25/2002	--	1800/2300 ⁷	5100/6600 ⁷	<2500
	11	6/25/2002	--	96	520	--
	20	6/25/2002	--	51	59	--
SRB-100L	4.75	11/14/2002	--	430	2100	--
	8	11/14/2002	--	16,000	15,000	--
SRB-101	5	7/10/2002	--	1.1	<50	--
	8	7/10/2002	--	<1	<50	--
	11	7/10/2002	--	<1	<50	--
	17	7/10/2002	--	<1	<50	--
SRB-103	5	7/10/2002	--	<1	<50	--
	8	7/10/2002	--	<1	<50	--
	11	7/10/2002	--	<1	<50	--
	17	7/10/2002	--	<1	<50	--
Pipeline Area						
PL-01	0.5	6/19/2002	--	780	5700	--
	0.5	7/23/2002	--	1400	900	--
	1.5	7/23/2002	--	650	4500	--
	3	7/23/2002	--	470	2800	--
PL-02	0.5	6/19/2002	--	16	290	--
PL-03	0.5	6/19/2002	--	3900	10,000	--
	0.5	7/23/2002	--	490	1900	--
	1.5	7/23/2002	--	1.4	<50	--
	3	7/23/2002	--	<1	<50	--
PL-04	0.5	6/19/2002	--	11	78	--
PL-05	0.5	6/19/2002	--	120	1200	--
PL-06	0.5	6/19/2002	--	2400	4500	--
	0.5	7/23/2002	--	250	1200	--
	1.5	7/23/2002	--	380	1800	--
	3	7/23/2002	--	280	1500	--
PL-06L	1	11/14/2002	--	1400	4400	--
	5	11/14/2002	--	670	920	--
PL-07	0.5	6/19/2002	--	150	<1000	--

TABLE 6
ANALYTICAL RESULTS
FOR TOTAL PETROLEUM HYDROCARBONS IN SOIL¹
Santa Rosa Station Phased Closing Property
Santa Rosa, California

Results reported in milligrams per kilogram (mg/kg), unless otherwise noted

Borehole	Sampling Depth ²	Date Collected	TPHg	TPHd	TPHmo	TPH Bunker-C Fuel Oil
PL-08	0.5	6/19/2002	--	2000	6700	--
	0.5	7/23/2002	--	6.8	<50	--
	1.5	7/23/2002	--	1.4	<50	--
	3	7/23/2002	--	1.1	<50	--
PL-09	0.5	6/19/2002	--	<1.0	<50	--
PL-10	0.5	6/19/2002	--	51	440	--
PL-11	0.5	6/19/2002	--	<1.0	<50	--
PL-12	0.5	6/19/2002	--	4400	12,000	--
	0.5	7/23/2002	--	630	4100	--
	1.5	7/23/2002	--	610	2900	--
	3	7/23/2002	--	1100	2900	--
PL-12L	1	11/14/2002	--	16,000	22,000	--
	5	11/14/2002	--	3700	14,000	--

Notes:

¹ Samples were collected by Geomatrix Consultants, Inc. Samples collected in 1996 were analyzed by American Environmental Network of Pleasant Hill, California for, TPHd and TPHmo using EPA Method 8015. Samples collected in March 2000 were analyzed by Entech Analytical, Inc., of Sunnyvale, California, for TPHd and TPHmo using EPA Method 8015M following silica gel cleanup procedure by EPA Method 3630C. Samples collected in September 2000 were analyzed by Curtis and Tompkins, Ltd. of Berkeley, California for, TPHd and TPHmo using EPA Method 8015M following silica gel cleanup procedure by EPA Method 3630C. Samples collected in September 2001 were analyzed by Severn Trent Laboratories (STL) of Sacramento, California for TPHg, TPHd, and TPHmo using EPA Method 8015M. Samples collected in 2002 were analyzed by STL San Francisco of Pleasanton, California, for TPHg, TPHd, TPHmo, and Bunker-C fuel oil using EPA Method 8015M following silica gel cleanup procedures by EPA Method 3630C. Samples collected in November 2002 analyzed by Friedman and Bruya, Inc. of Seattle, Washington for TPHd and TPHmo using EPA Method 8015M following silica gel cleanup procedures by EPA Method 3630C.

² Sampling depth measured in feet below ground surface. Depth listed represents the bottom depth of the sample (i.e., 4 equals a six inch sample collected from 3.5 - 4.0 feet below ground surface).

³ "c" denotes composite sample.

⁴ -- = not analyzed.

⁵ Lab sheet indicates that result is quantified as diesel; chromatographic pattern not typical of fuel.

⁶ Additional analyses, total purgeable/total extractable petroleum hydrocarbons, performed for SRB-56-1.0, SRB-62-1.5, SRB-62-6.0. Results were SRB-62-1.0 = 330/8200; SRB-62-1.5 = <1.1/25, and SRB-62-6.0 = <1.2/97, respectively.

⁷ 10/6.8 = Result without silica gel cleanup/result with silica gel cleanup.

Abbreviations:

TPHg = total petroleum hydrocarbons quantified as gasoline

TPHd = total petroleum hydrocarbons quantified as diesel

TPHmo = total petroleum hydrocarbons quantified as motor oil

TABLE 7
ANALYTICAL RESULTS FOR POLYNUCLEAR AROMATIC HYDROCARBONS (PAHs) IN SOIL¹

Santa Rosa Station Phased Closing Property

Santa Rosa, California

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Results reported in milligrams per kilogram (mg/kg)

Borehole	Sampling Depth ²	Date Collected	Naphthalene	Fluorene	Phenanthrene	Anthracene	Acenaphthylene	Fluoranthene	Pyrene	Benzo(a)anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-cd)pyrene	Dibenzo(a,h)anthracene	Benzo(ghi)perylene
Sitewide																	
SRB-20	c ³ -1.0, 4.0, 6.5	11/15/1996	<0.083	<0.017	<0.0083	<0.0083	-- ⁴	<0.017	<0.017	<0.017	0.028	<0.017	<0.017	<0.017	0.025	0.049	<0.017
	c-9.0, 11.5, 14.0	11/15/1996	<0.083	<0.017	<0.0083	<0.0083	--	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.034	<0.017
SRB-21	c-1.5, 4.0	11/14/1996	<0.083	<0.017	<0.0083	<0.0083	--	0.027	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	0.075	<0.034	0.029
	7.0	11/14/1996	<0.083	0.87	0.19	0.081	--	0.33	0.20	0.021	0.10	<0.017	<0.017	<0.017	<0.017	<0.034	<0.017
	9.0	11/14/1996	<0.083	0.63	0.18	0.078	--	0.088	0.18	0.038	0.33	<0.017	<0.017	<0.017	<0.017	<0.034	<0.017
	11.0	11/14/1996	<0.083	<0.017	<0.0083	<0.0083	--	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.034	<0.017
	13.5	11/14/1996	<0.083	<0.017	<0.0083	<0.0083	--	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.034	<0.017
SRB-24	c-1.0, 4.0, 6.5	11/15/1996	<0.083	<0.017	0.019	<0.0083	--	<0.017	0.04	<0.017	<0.017	<0.017	<0.017	<0.017	0.034	<0.034	<0.017
SRB-25	c-1.5, 4.0, 6.5	11/15/1996	<0.083	<0.017	<0.0083	<0.0083	--	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.034	<0.017
	c-9.0, 11.0, 14.0	11/15/1996	<0.083	<0.017	<0.0083	<0.0083	--	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.034	<0.017
SRB-26	c-1.5, 4.0, 6.5	11/14/1996	<0.083	<0.017	<0.0083	<0.0083	--	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.034	<0.017
SRB-32	1.0	3/6/2000	0.609	0.739	1.98	0.106	--	0.739	0.797	0.329	0.424	0.582	0.158	0.526	0.455	0.073	0.706
	4.5	3/7/2000	<0.01	<0.01	<0.01	<0.01	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
SRB-36	1.0	3/6/2000	<2	<2	<2	<2	--	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	4.5	3/6/2000	<0.02	<0.02	<0.02	<0.02	--	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
SRB-40	1.0	3/7/2000	<3	<3	<3	<3	--	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
	4.5	3/7/2000	<0.05	<0.05	<0.05	<0.05	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	7.5	3/7/2000	<0.05	<0.05	<0.05	<0.05	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	14.0	3/7/2000	<0.01	<0.01	<0.01	<0.01	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
SRB-41	1.0	3/7/2000	<0.05	<0.05	<0.05	<0.05	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	4.5	3/7/2000	<0.02	<0.02	<0.02	<0.02	--	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fenced Enclosure																	
SRB-27	1.5	11/14/1996	<0.083	<0.017	0.046	<0.0083	--	<0.017	0.032	<0.017	0.046	0.021	<0.017	<0.017	<0.017	<0.034	0.02
	4.5	11/14/1996	<0.083	<0.017	<0.0083	<0.0083	--	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.034	<0.017
SRB-28	c-1.5, 4.5, 7.0	11/14/1996	<0.083	<0.017	<0.0083	<0.0083	--	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.034	<0.017
	c-9.0, 11.5, 14.0	11/14/1996	<0.083	<0.017	<0.0083	<0.0083	--	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.034	<0.017
SRB-39	1.0	3/6/2000	<2.5	<2.5	<2.5	<2.5	--	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	4.5	3/6/2000	<0.01	<0.01	<0.01	<0.01	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Northwestern Area																	
SRB-22	c-1.5, 4.0, 7.0	11/14/1996	<0.083	<0.017	<0.0083	<0.0083	--	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.034	<0.017
	10.5	11/14/1996	<0.083	<0.017	<0.0083	<0.0083	--	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.034	<0.017
	12.5	11/14/1996	<0.083	<0.017	<0.0083	<0.0083	--	<0.017	<0.017	<0.017	0.052	<0.017	<0.017	0.026	<0.017	<0.034	0.045
	14.5	11/14/1996	<0.083	<0.017	<0.0083	<0.0083	--	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	0.020	<0.034	<0.017
SRB-23	c-1.5, 4.5, 7.5	11/14/1996	<0.083	<0.017	<0.0083	<0.0083	--	0.025	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.034	<0.017
	c-10.0, 13.0, 14.5	11/14/1996	<0.083	<0.017	<0.0083	<0.0083	--	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.034	<0.017

TABLE 7
ANALYTICAL RESULTS FOR POLYNUCLEAR AROMATIC HYDROCARBONS (PAHs) IN SOIL¹

Santa Rosa Station Phased Closing Property

Santa Rosa, California

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Results reported in milligrams per kilogram (mg/kg)

Borehole	Sampling Depth ²	Date Collected	Naphthalene	Fluorene	Phenanthrene	Anthracene	Acenaphthylene	Fluoranthene	Pyrene	Benzo(a)-anthracene	Chrysene	Benzo(b)-fluoranthene	Benzo(k)-fluoranthene	Benzo(a)-pyrene	Indeno-(1,2,3-cd)-pyrene	Dibenzo-(a,h)-anthracene	Benzo-(ghi)perylene
SRB-33	1.0	3/7/2000	<0.01	<0.01	0.011	<0.01	--	0.027	0.028	0.019	0.019	0.024	<0.01	0.018	<0.01	<0.01	0.01
	4.5	3/7/2000	<0.01	<0.01	<0.01	<0.01	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
SRB-34	1.0	3/7/2000	<0.01	<0.01	<0.01	<0.01	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	4.5	3/7/2000	<0.01	<0.01	<0.01	<0.01	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
SRB-35	1.0	3/7/2000	<0.01	<0.01	<0.01	<0.01	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	4.5	3/7/2000	<0.01	<0.01	<0.01	<0.01	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
SRB-51	19.5	9/27/2000	<2.9	<2.9	13	5.2	2.9	<2.9	5	<2.9	3.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9
SRB-52	19.5	9/27/2000	<0.73	<0.73	<0.73	7.4	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73
SRB-75	17	6/24/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	20	6/24/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0065	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SRB-79	12.5	6/18/2002	<0.01	0.016	0.22	0.15	0.024	0.019	0.23	0.033	0.097	0.02	<0.01	0.025	<0.01	<0.01	0.011
SRB-80	16	6/18/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	21.5	6/18/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SRB-81	8.5	6/18/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	15.5	6/18/2002	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.11	<0.025	0.055	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	22	6/18/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SRB-83	9	6/18/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	11	6/18/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	14	6/18/2002	<0.025	<0.025	<0.025	0.33	0.039	0.074	0.46	0.089	0.22	0.041	<0.025	0.052	<0.025	<0.025	0.025
	21	6/18/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SRB-88	21	6/19/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0054	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SRB-90	14	6/19/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.025	<0.005	0.0094	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	17	6/19/2002	<0.005	<0.005	<0.005	0.062	<0.005	0.018	0.076	0.035	0.048	0.0091	<0.005	0.014	<0.005	<0.005	0.0073
SRB-91	11	6/19/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	14	6/19/2002	<0.005	<0.005	<0.005	<0.005	<0.005	0.0067	0.042	0.0069	0.02	<0.005	<0.005	0.005	<0.005	<0.005	<0.005
SRB-93	14	6/20/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.01	<0.005	0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	18	6/20/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SRB-99	14	6/25/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	17	6/25/2002	<0.005	<0.005	<0.005	0.0082	<0.005	<0.005	<0.005	<0.005	0.011	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	20	6/25/2002	<0.01	<0.01	<0.01	0.022	<0.01	0.011	0.053	<0.01	0.059	0.011	<0.01	<0.01	<0.01	<0.01	<0.01
	23	6/25/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SRB-100	5	6/25/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	7.5	6/25/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.11	<0.05	<0.05	<0.05	<0.05	<0.05	0.06
	11	6/25/2002	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	20	6/25/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

TABLE 7

ANALYTICAL RESULTS FOR POLYNUCLEAR AROMATIC HYDROCARBONS (PAHs) IN SOIL¹

Santa Rosa Station Phased Closing Property

Santa Rosa, California

Page 3 of 4

Results reported in milligrams per kilogram (mg/kg)

Borehole	Sampling Depth ²	Date Collected	Naphthalene	Fluorene	Phenanthrene	Anthracene	Acenaphthylene	Fluoranthene	Pyrene	Benzo(a)-anthracene	Chrysene	Benzo(b)-fluoranthene	Benzo(k)-fluoranthene	Benzo(a)-pyrene	Indeno-(1,2,3-cd)-pyrene	Dibenzo-(a,h)-anthracene	Benzo-(ghi)perylene
SRB-101	5	7/10/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	8	7/10/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	11	7/10/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	17	7/10/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SRB-103	5	7/10/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	8	7/10/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	11	7/10/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	17	7/10/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Pipeline Area																	
PL-01	0.5	7/19/2002	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	1.2
	0.5	7/23/2002	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	0.13
	1.5	7/23/2002	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.55
	3.0	7/23/2002	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	0.25
PL-03	0.5	7/23/2002	<0.025	0.047	0.24	0.056	<0.025	0.087	0.19	0.06	0.16	0.084	0.026	0.082	0.058	<0.025	0.13
	1.5	7/23/2002	<0.005	<0.005	11	<0.005	<0.005	0.03	0.032	0.021	0.023	0.02	0.018	0.025	0.013	<0.005	0.014
	3.0	7/23/2002	<0.005	<0.005	<0.005	<0.005	<0.005	0.0072	0.0074	0.0056	0.0070	0.0067	<0.005	0.0068	<0.005	<0.005	0.0069
PL-04	0.5	7/19/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
PL-06	0.5	7/23/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	1.5	7/23/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	3.0	7/23/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
PL-08	0.5	7/19/2002	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	0.063	<0.63	1	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63
	0.5	7/23/2002	<0.005	<0.005	0.012	<0.005	<0.005	<0.005	0.0052	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	1.5	37460.0	<0.005	<0.005	0.022	<0.005	<0.005	<0.005	0.011	0.0071	0.0087	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	3.0	7/23/2002	<0.005	<0.005	0.012	<0.005	<0.005	0.0083	0.012	0.0064	0.0095	0.011	<0.005	0.005	<0.005	<0.005	0.0051
PL-12	0.5	7/19/2002	<1.3	<1.3	11	1.3	<1.3	2.7	8.6	4.8	7.3	1.3	<1.3	4	<1.3	<1.3	1.3
	0.5	7/23/2002	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	0.17
	1.5	7/23/2002	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	0.16
	3.0	7/23/2002	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	0.48	<0.13	0.47	0.18	<0.13	0.29	<0.13	<0.13	0.2
PL-12L	5.0	11/14/2002	<0.5	1.9	0.96	1.2	<0.5	<0.5	1.7	0.51	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Residential PRGs (mg/kg) ⁵			56	2,700	22,000	22,000	3,700	2,300	2,300	0.38	3.8	0.38	0.38	0.038	0.38	0.11	2,300
Industrial PRGs (mg/kg) ⁵			190	26,000	100,000	100,000	29,000	22,000	29,000	1.3	13	1.3	1.3	0.13	1.3	0.38	22,000 ⁶
Soil Screening Level (DAF=1) ⁷			4	28	28	590	29	210	210	0.08	8	0.2	2	0.4	0.7	0.8	210
Soil Screen Level (DAF=20)			84	560	560	12,000	570	4300	4200	2	160	5	49	8	14	2	4300

TABLE 7
ANALYTICAL RESULTS FOR POLYNUCLEAR AROMATIC HYDROCARBONS (PAHs) IN SOIL¹
Santa Rosa Station Phased Closing Property
Santa Rosa, California

Notes:

- ¹ All samples collected by Geomatrix Consultants, Inc. Samples collected in 1996 were analyzed by American Environmental Network of Pleasant Hill, California using EPA Method 8310. Samples collected in March 2000 were analyzed by Entech Analytical, Inc., of Sunnyvale, California using EPA Method 8270SIM. Samples collected in September 2000 were analyzed by Curtis and Tompkins, Ltd., of Berkeley, California, using EPA Method 8270. Samples collected in 2002 analyzed by Severn Trent Laboratories (STL) San Francisco of Pleasanton, California using EPA Method 8270C SIM.
- ² Sample depth measured in feet below ground surface. Depth listed represents the bottom depth of the sample interval (i.e. 4 equals a six inch sample collected from 3.5 - 4.0 feet below ground surface).
- ³ "c" denotes composite sample.
- ⁴ — = not analyzed.
- ⁵ For carcinogenic PAHs (benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(a)pyrene, indeno-(1,2,3-cd)pyrene, and dibenzo(a,h)anthracene) California cancer slope factors were used to derive residential and industrial PRGs. For non-carcinogenic PAHs EPA Region 9 (EPA, 2002) PRGs are presented.
- ⁶ Surrogate PRGs for a constituent with similar physical and chemical properties were used for the PRG comparison. Phenanthrene screening based screening based on fluorene as a surrogate, benzo(g,h,i) perylene screening based on fluoranthene as surrogate.
- ⁷ Soil screening levels are from the EPA PRG document, and assume a dilution attenuation factor (DAF) of 1 and a DAF of 20.

Abbreviations:

PNA = polynuclear aromatic hydrocarbons
PRGs = preliminary remediation goals
DAF = dilution attentuaion factor

TABLE 8
ANALYTICAL RESULTS FOR BTEX AND MTBE IN SOIL¹

Santa Rosa Station Phased Closing Property
Santa Rosa, California

Page 1 of 2

Results reported in milligrams per kilogram (mg/kg)

Borehole	Sampling Depth ²	Date Collected	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE
Fenced Enclosure							
SRB-56	0.5	9/25/2001	-- ³	--	--	--	<0.01
SRB-62	1.0	9/25/2001	--	--	--	--	<0.01
	5.0	9/25/2001	--	--	--	--	<0.01
SRB-70	0.5	8/5/2002	<0.005	<0.005	<0.005	<0.005	<0.005
	3	8/5/2002	<0.005	<0.005	<0.005	<0.005	<0.005
	5	8/5/2002	<0.005	<0.005	<0.005	<0.005	<0.005
SRB-71	0.5	8/5/2002	<0.005	<0.005	<0.005	<0.005	<0.005
	3	8/5/2002	<0.005	<0.005	<0.005	<0.005	<0.005
	5	8/5/2002	<0.005	<0.005	<0.005	<0.005	<0.005
SRB-72	0.5	6/20/2002	<0.005	<0.005	<0.005	<0.005	<0.005
	3	6/20/2002	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065
	5	6/20/2002	<0.005	<0.005	<0.005	<0.005	<0.005
SRB-73	0.5	6/20/2002	<0.005	<0.005	<0.005	<0.005	<0.005
	3	6/20/2002	<0.005	<0.005	<0.005	<0.005	<0.005
	5	6/20/2002	<0.0094	<0.0094	<0.0094	<0.0094	<0.0094
SRB-74	1	6/25/2002	<0.005	<0.005	<0.005	<0.005	<0.005
	5	6/25/2002	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081
	9	6/25/2002	<0.005	<0.005	<0.005	<0.005	<0.005
	15	6/25/2002	<0.005	<0.005	<0.005	<0.005	<0.005
SRB-96	0.5	6/20/2002	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053
	3	6/20/2002	<0.005	<0.005	<0.005	<0.005	<0.005
	5	6/20/2002	<0.005	<0.005	<0.005	<0.005	<0.005
Northwestern Area							
SRB-51	19.5	9/27/2000	<5.3	<5.3	<5.3	<5.3	--
SRB-52	19.5	9/27/2000	<5.1	<5.1	<5.1	<5.1	--
SRB-75	1	6/24/2002	<0.005	<0.005	0.011	0.051	<0.005
	2	6/24/2002	<0.005	0.031	<0.005	0.0076	<0.005
	5	6/24/2002	<0.005	0.029	<0.005	<0.005	<0.005
	19	6/24/2002	<0.005	<0.005	<0.005	<0.005	<0.005
SRB-79	12.5	6/18/2002	<0.25	<0.25	<0.25	<0.5	--
SRB-81	8.5	6/18/2002	<0.005	0.015	<0.005	<0.005	<0.005
	15.5	6/18/2002	<0.005	0.016	<0.005	<0.005	<0.005
	22	6/18/2002	<0.005	<0.005	<0.005	<0.005	<0.005
SRB-83	11	6/18/2002	<0.005	<0.005	<0.005	<0.005	--
	14	6/18/2002	<0.005	0.019	<0.005	<0.005	--
SRB-88	21	6/19/2002	<0.005	0.02	<0.005	<0.005	<0.005
SRB-91	11	6/19/2002	<0.005	0.021	<0.005	<0.005	<0.005
	14	6/19/2002	<0.005	0.025	<0.005	<0.005	<0.005
SRB-99	14	6/25/2002	<0.005	0.019	<0.005	<0.005	<0.005
	20	6/25/2002	<0.5	<0.5	<0.5	<0.5	<0.5
SRB-100	5	6/25/2002	<0.005	0.027	<0.005	<0.005	<0.005
	7.5	6/25/2002	<0.005	0.042	<0.005	<0.005	<0.005

TABLE 8
ANALYTICAL RESULTS FOR BTEX AND MTBE IN SOIL¹
 Santa Rosa Station Phased Closing Property
 Santa Rosa, California

Results reported in milligrams per kilogram (mg/kg)

Borehole	Sampling Depth ²	Date Collected	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
Pipeline Area⁴							
PL-01	0.5	6/19/2002	<0.0052	<0.0052	<0.0052	<0.0052	--
PL-02	0.5	6/19/2002	<0.0058	<0.0058	<0.0058	<0.0058	--
PL-03	0.5	6/19/2002	<0.0056	<0.0056	<0.0056	<0.0056	--
PL-04	0.5	6/19/2002	<0.0052	<0.0052	<0.0052	<0.0052	--
PL-05	0.5	6/19/2002	<0.0059	<0.0059	<0.0059	<0.0059	--
PL-06	0.5	6/19/2002	<0.0050	<0.0050	<0.0050	<0.0050	--
PL-07	0.5	6/19/2002	<0.0058	<0.0058	<0.0058	<0.0058	--
PL-08	0.5	6/19/2002	<0.0050	<0.0050	<0.0050	<0.0050	--
PL-09	0.5	6/19/2002	<0.0050	<0.0050	<0.0050	<0.0050	--
PL-10	0.5	6/19/2002	<0.0050	<0.0050	<0.0050	<0.0050	--
PL-11	0.5	6/19/2002	<0.0055	<0.0055	<0.0055	<0.0055	--
PL-12	0.5	6/19/2002	<0.0050	<0.0050	<0.0050	<0.0050	--
Residential PRGs			0.6	520	8.9	270	17
Industrial PRGs			1.3	520	20	420	36
Soil Screening Level (DAF=1)			0.002	0.6	0.7	10	36
Soil Screening Level (DAF=20)			0.03	12	13	210	NA

Notes:

¹ All samples were collected by Geomatrix Consultants, Inc. Samples collected in September 2000 were analyzed by Curtis and Tompkins, Ltd. of Berkeley, California for benzene, toluene, ethylbenzene, and xylenes (BTEX) using EPA Method 8260B. Samples collected in September 2001 were analyzed by Severn Trent Laboratories (STL) of Sacramento, California, for MTBE using EPA Method 8260B. Samples analyzed for MTBE were collected in Encore Samplers and prepared for analysis by the laboratory in accordance with EPA Method 5035. Samples collected in 2002 were analyzed by STL San Francisco of Pleasanton, California using EPA Method 8260B. Samples analyzed for BTEX and MTBE were collected in Encore Samplers and prepared for analysis by the laboratory in accordance with EPA Method 5035.

² Sampling depth in feet below ground surface. Depth listed represents the bottom depth of the sample interval (i.e. 4 equals a six inch sample collected from 3.5 - 4.0 feet below ground surface).

³ -- = not analyzed

⁴ Sample intervals for samples collected in the pipeline area represent depth below pipeline.

Abbreviations:

MTBE = methyl tertiary butyl ether
 PRGs = preliminary remediation goals
 DAF = dilution attenuation factor
 NA = not available

TABLE 9

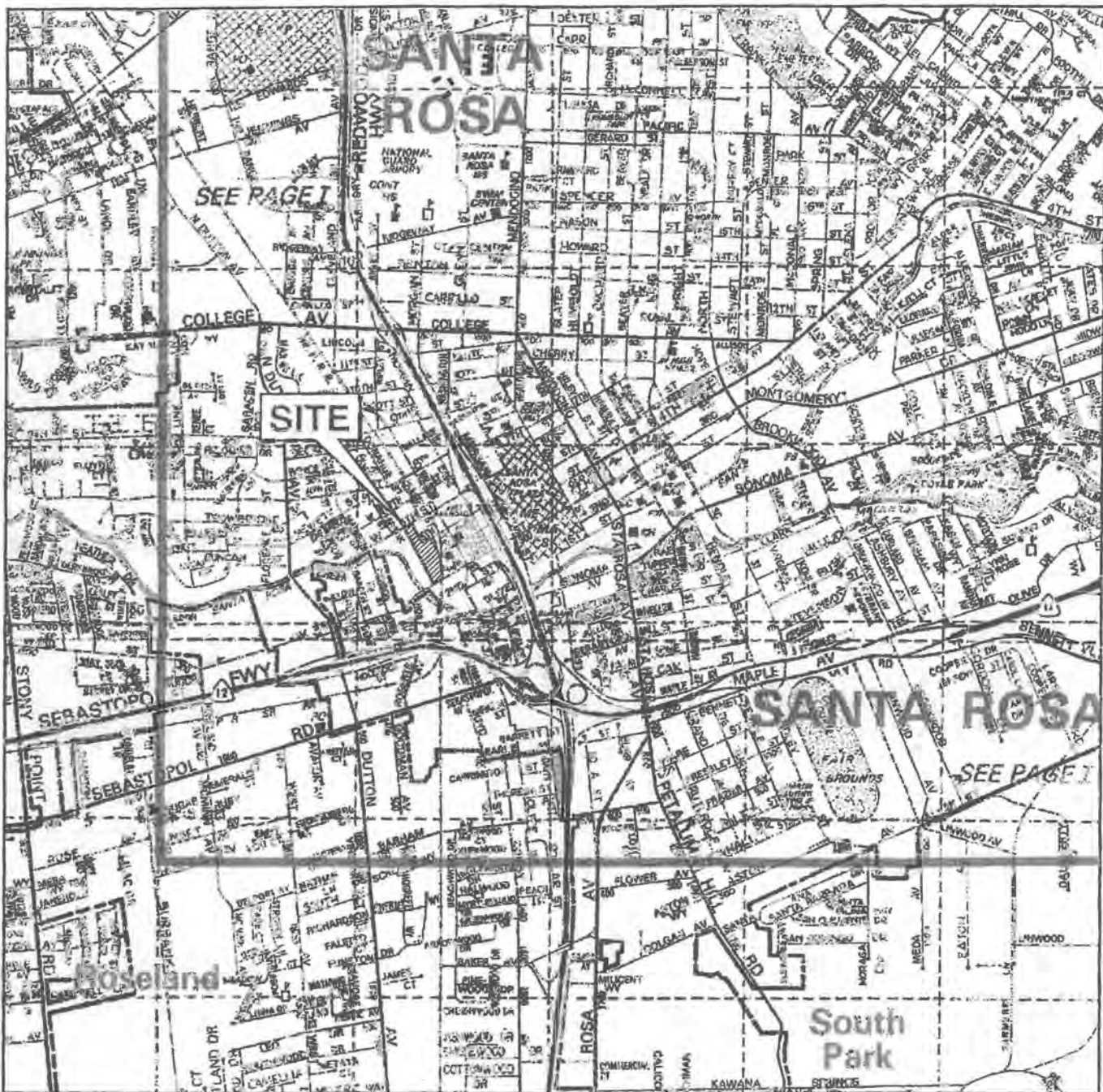
LEACHABILITY TEST RESULTS¹
Santa Rosa Station Phased Closing Property
Santa Rosa, California

Borehole	Date Collected	Sampling Interval ²	TPHd ³ (mg/kg)	TPHd ² (WET) ⁴ (µg/l)	TPHmo ³ (mg/kg)	TPHmo ³ (WET) ⁴ (µg/l)	Total PNAs ⁵ (mg/kg)	PNAs ⁵ (WET) ⁴ (µg/l)
SRB-32	3/6/00	1.0	--	--	--	--	8.223	<0.2 ⁶
SRB-36	3/6/00	1.0	430 ⁷	<50 ⁶	780	<250 ⁶	--	--
SRB-40	3/7/00	7.5	210 ⁷	<50	370	<250	<0.05	<0.2
SRB-51	9/27/00	19.5	8,500	--	7600	--	30	<2.9
SRB-52	9/27/00	19.5	830	--	970	--	7.4	<0.73
SRB-53L	11/14/02	5.0	350	1,300/50 ⁸	810	630/<100 ⁸	--	--
	11/14/02	11.0	20	710/<50 ⁸	61	<100/<100 ⁸	--	--
SRB-79L	11/14/02	5.0	310	420/<50 ⁸	950	350/<100 ⁸	--	--
	11/14/02	11.0	<10	640/<50 ⁸	<50	<100/<100 ⁸	--	--
SRB-88L	11/14/02	8.0	1,400	1,100/<50 ⁸	1,800	190/<100 ⁸	--	--
	11/14/02	11.0	610	910/<50 ⁸	780	140/<100 ⁸	--	--
SRB-100L	11/14/02	4.75	430	350/<50 ⁸	2,100	320/<100 ⁸	--	--
	11/14/02	8.0	16,000	2,400/61 ⁸	15,000	810/<100 ⁸	--	--
PL-06L	11/14/02	1.0	1,400	880/<50 ⁸	4,400	770/<100 ⁸	--	--
	11/14/02	5.0	670	1,200/<50 ⁸	920	320/<100 ⁸	--	--
PL-12L	11/14/02	1.0	16,000	14,000/690 ⁸	22,000	1000/<100 ⁸	--	--
	11/14/02	5.0	3,700	2,400/180 ⁸	4,100	520/<100 ⁸	8.35	--

Notes:

- ¹ Samples collected by Geomatrix Consultants, Inc. Samples collected in March 2000 were analyzed by Entech Analytical, Inc. of Sunnyvale, California. Samples collected in September 2000 were analyzed by Curtis and Tompkins, Ltd., of Berkeley, California.
- ² Sampling depth in feet below ground surface. Depth listed represents the bottom depth of the sample interval (i.e. 1.0 equals a six inch sample collected from 0.5 – 1.0 feet below ground surface).
- ³ TPHd = total petroleum hydrocarbons as diesel; TPHmo = total petroleum hydrocarbons as motor oil. Samples analyzed by EPA Method 8015M followed by a silica gel cleanup by EPA Method 3630C.
- ⁴ WET = waste extraction test, waste extraction test was performed using simulated rainwater. Results are presented in micrograms per liter.
- ⁵ PNAs = polynuclear aromatic compounds. In March 2000, samples were analyzed by EPA Method 8270 SIM. In September 2000, samples were analyzed by EPA Method 8270.
- ⁶ The leachability tests for TPH and PNAs from samples SRB-36 and SRB-32, respectively, were performed one day beyond their hold times.
- ⁷ Lab sheet indicates that result is quantified as diesel but the chromatographic pattern is not typical of fuel.
- ⁸ 1,300/<50 = result without silica gel cleanup / result with silica gel cleanup. The silica gel cleanup method removes non-hydrocarbons that would otherwise interfere with measurement of petroleum hydrocarbons. The data generated following silica gel cleanup is used for analysis of the leachability test results.

-- = not analyzed



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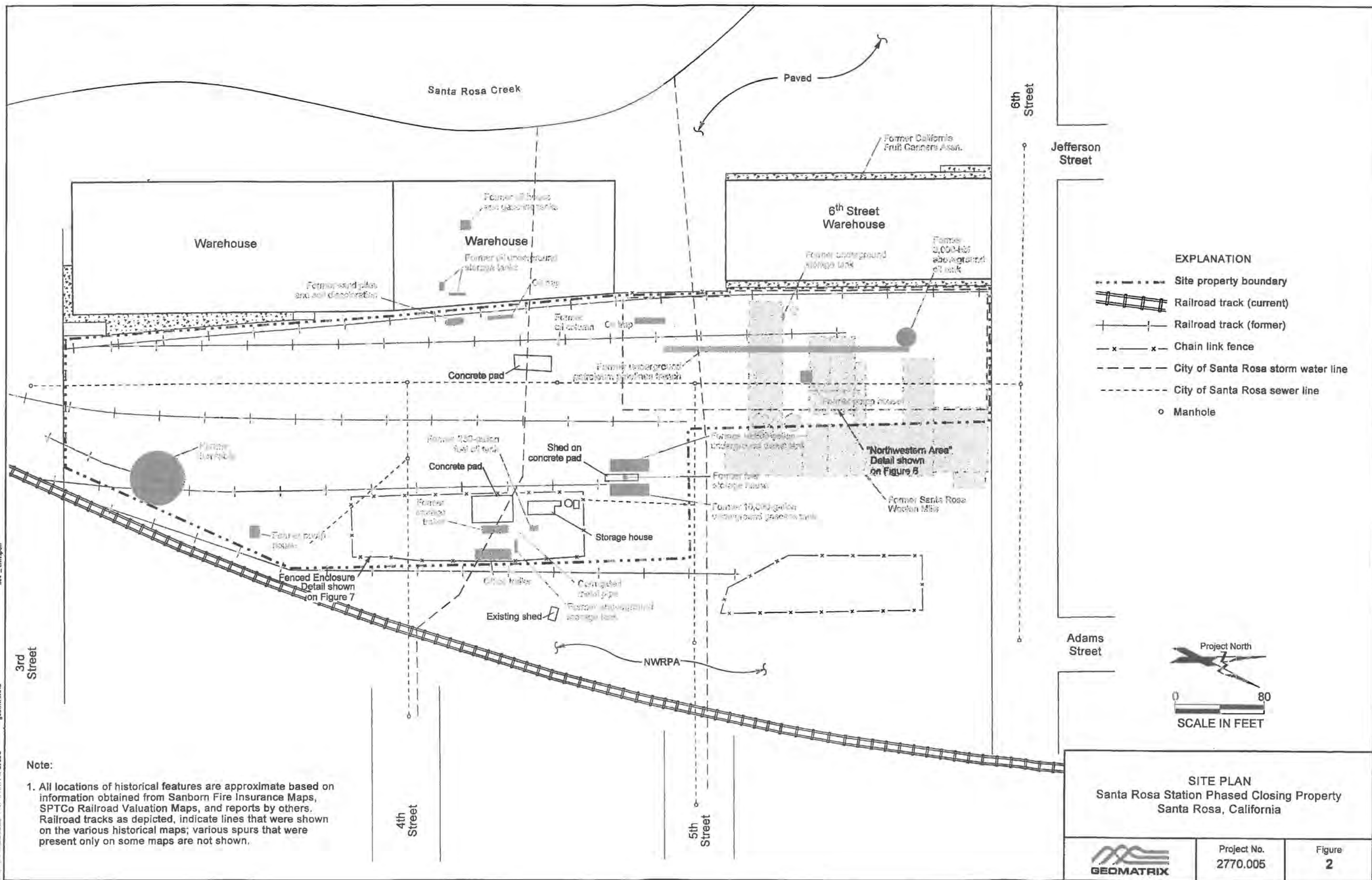


SITE LOCATION MAP
 Santa Rosa Station Phased Closing Property
 Santa Rosa, California

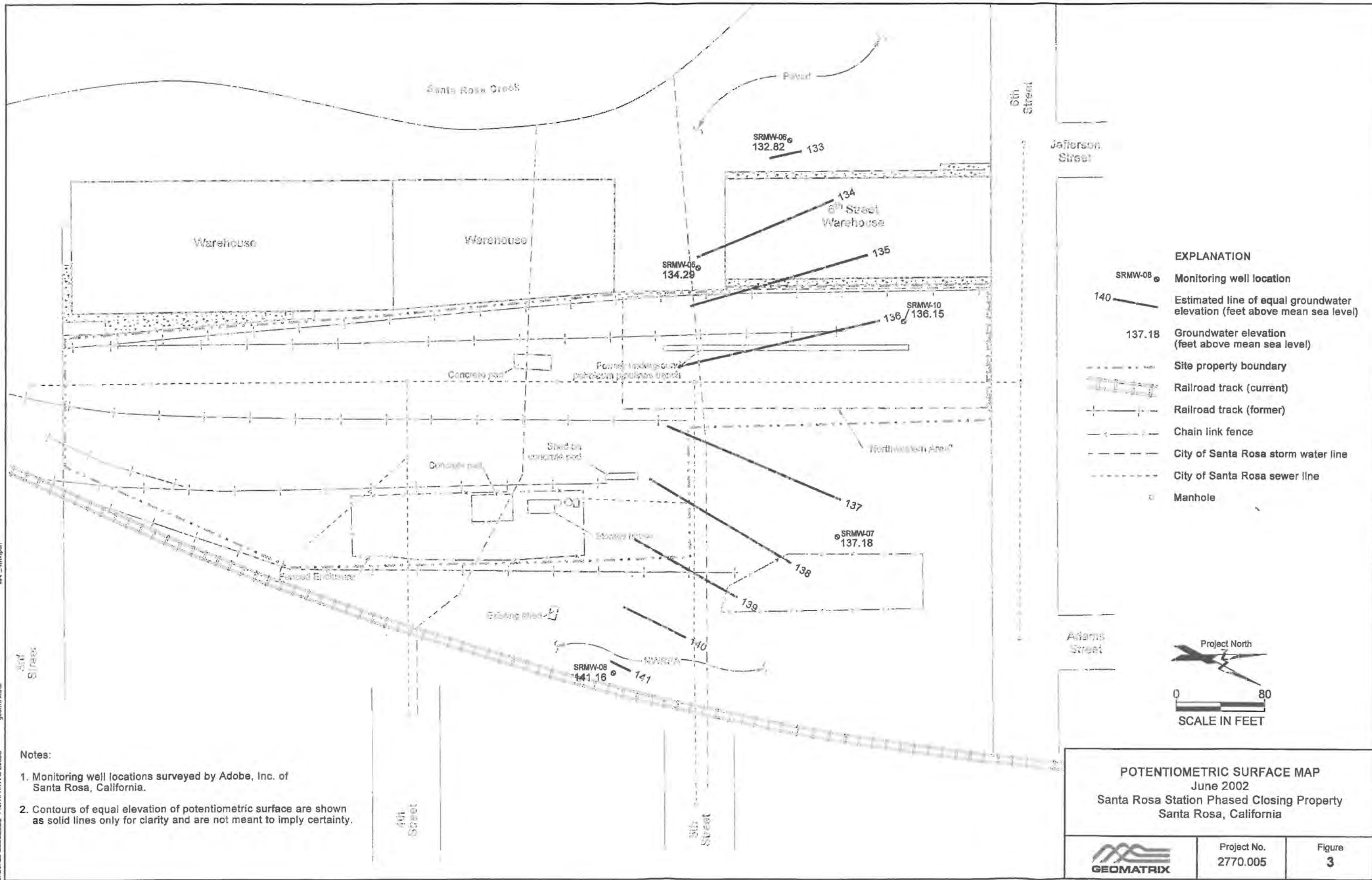
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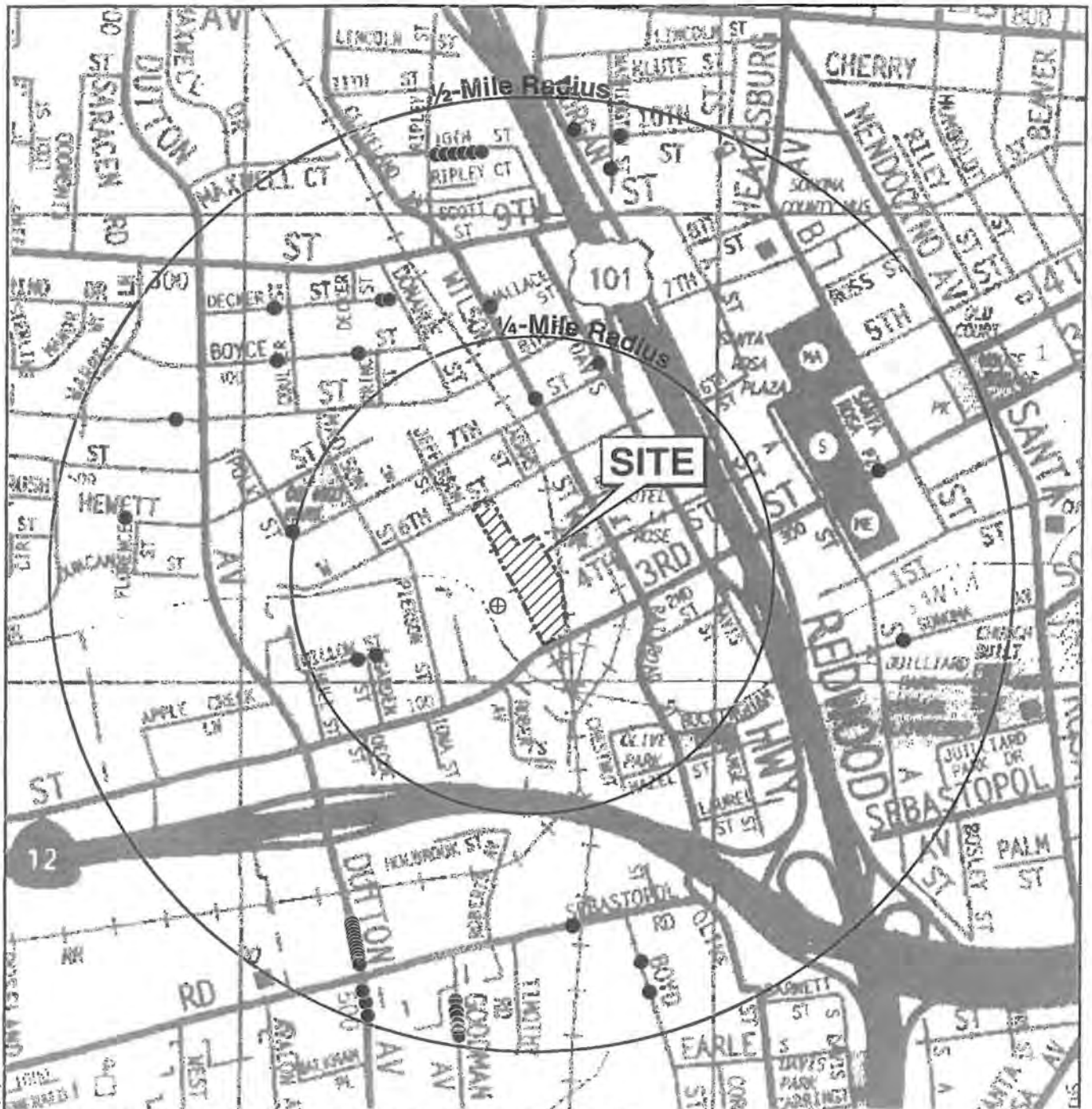
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EXPLANATION

- Well location based on City of Santa Rosa Utilities Department Billing System-Accounts with wells
- ⊕ Well location based on information provided by the Regional Water Quality Control Board

NOTE:
Municipal water supply wells were not included in survey.

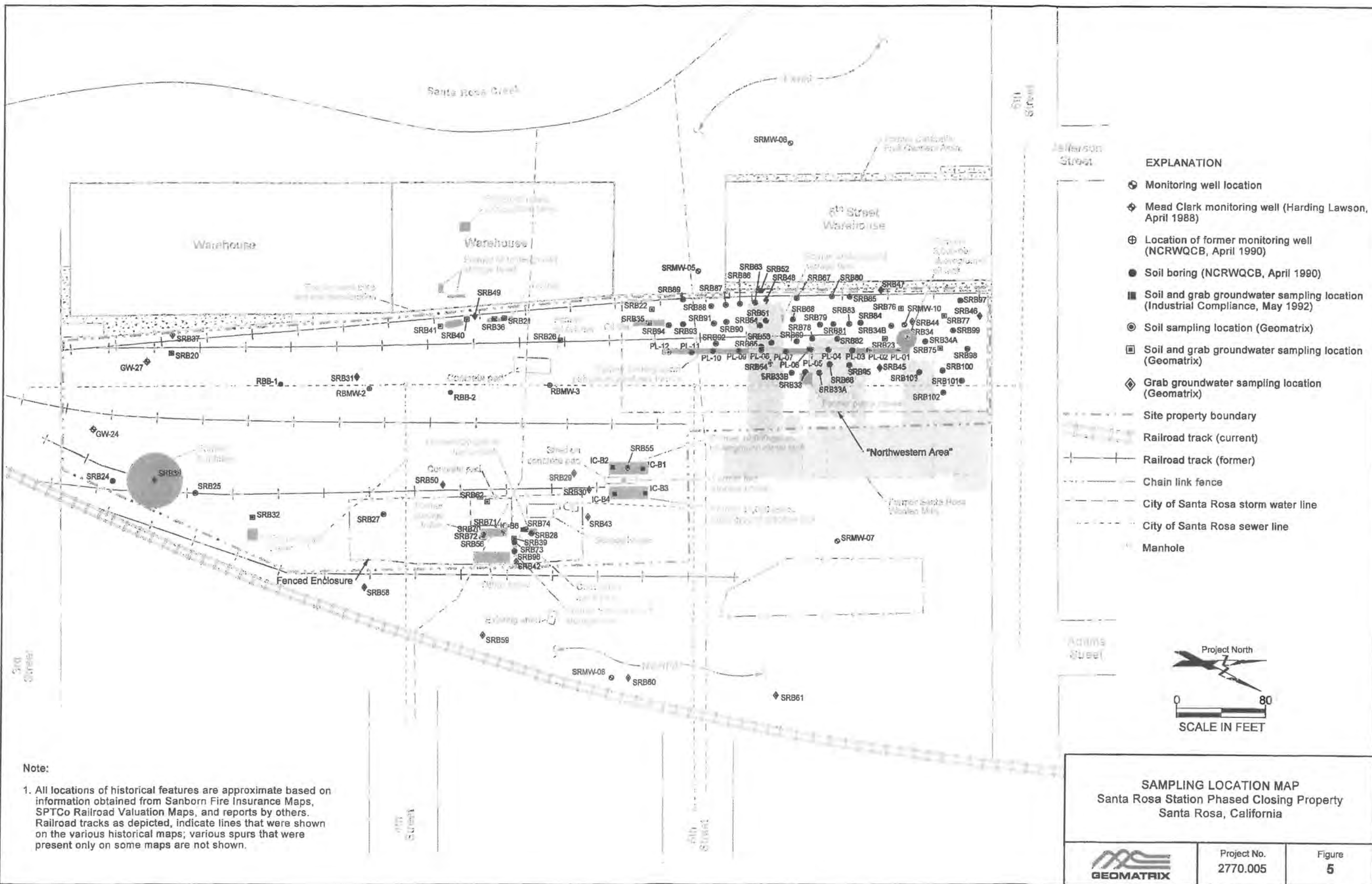


WATER PRODUCING WELLS LOCATION MAP Santa Rosa Station Phased Closing Property Santa Rosa, California

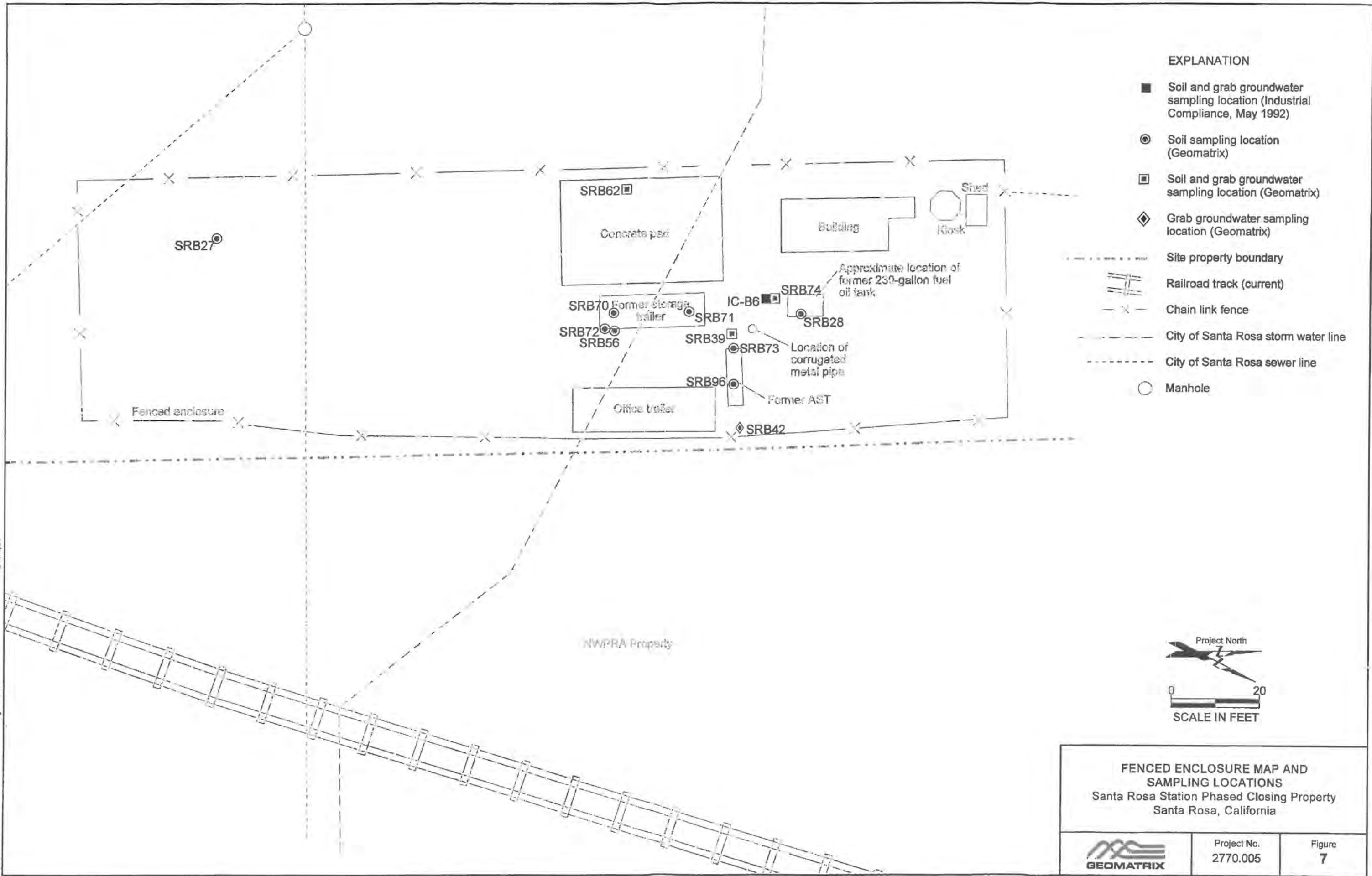
Project No.
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Figure
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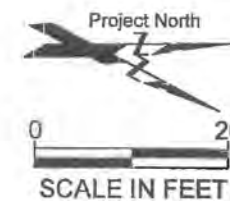


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EXPLANATION

- Soil and grab groundwater sampling location (Industrial Compliance, May 1992)
- Soil sampling location (Geomatrix)
- Soil and grab groundwater sampling location (Geomatrix)
- ◆ Grab groundwater sampling location (Geomatrix)
- Site property boundary
- Railroad track (current)
- Chain link fence
- City of Santa Rosa storm water line
- City of Santa Rosa sewer line
- Manhole



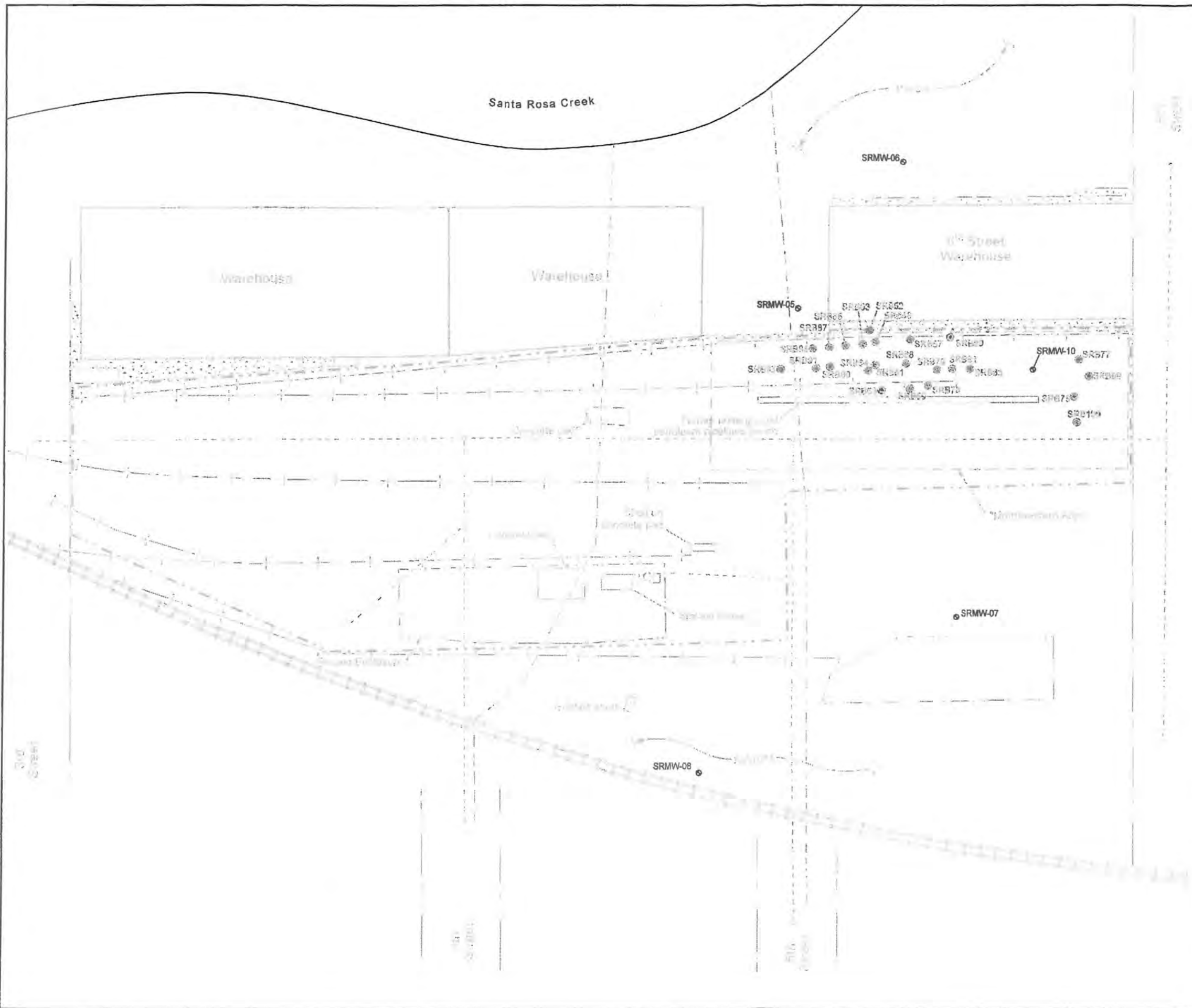
FENCED ENCLOSURE MAP AND
 SAMPLING LOCATIONS
 Santa Rosa Station Phased Closing Property
 Santa Rosa, California



Project No.
 2770.005

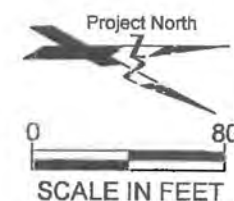
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EXPLANATION

- Existing monitoring well location
- Location of visually impacted soil
- - - Site property boundary
- - - Railroad track (current)
- - - Chain link fence
- - - City of Santa Rosa storm water line
- - - City of Santa Rosa sewer line
- Manhole

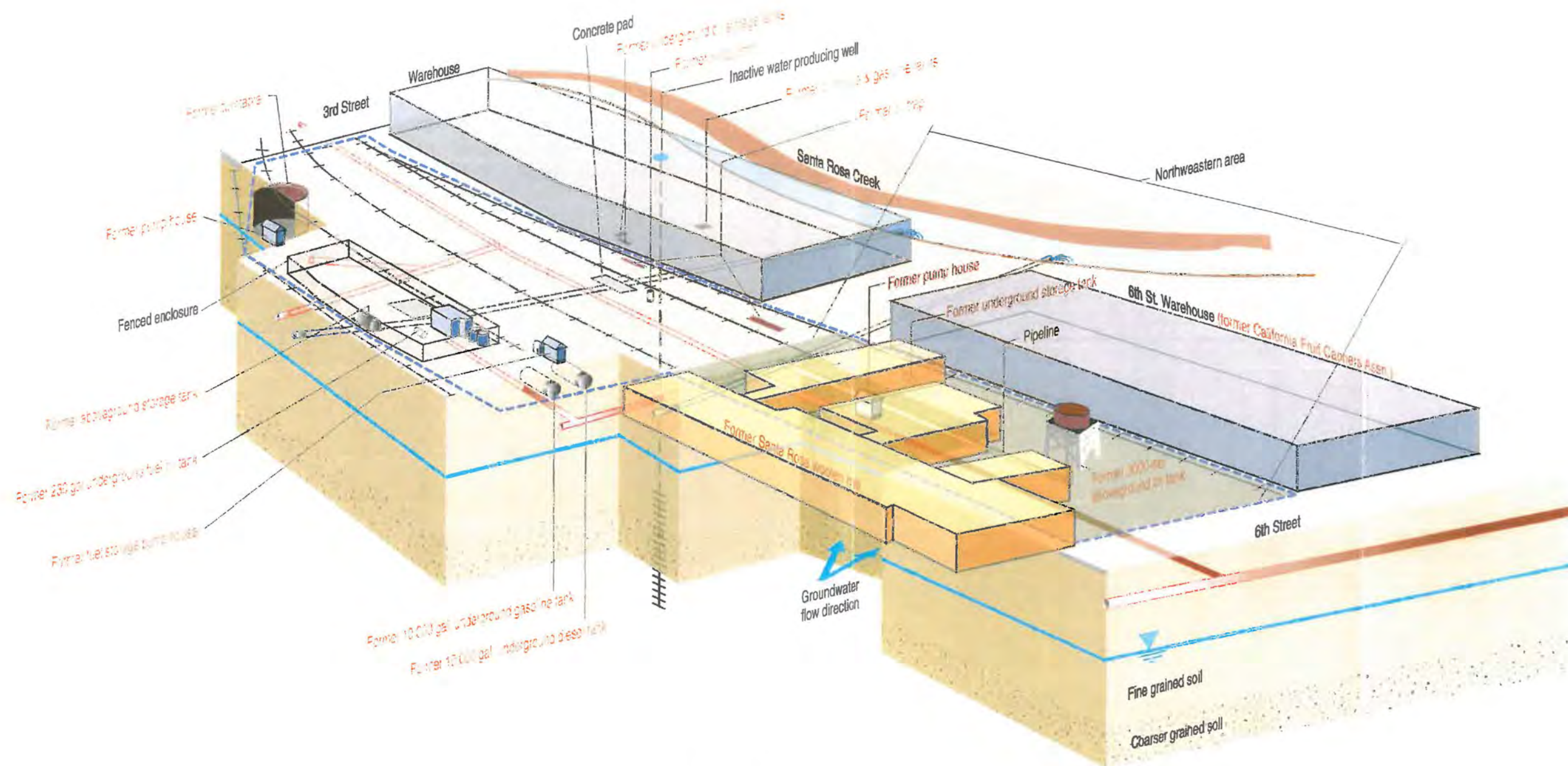


DISTRIBUTION MAP - VISUALLY IMPACTED SOIL
 Santa Rosa Station Phased Closing Property
 Santa Rosa, California







Project No.
 2770.005

Figure
 8



LEGEND

-  City of Santa Rosa sanitary sewer line
-  City of Santa Rosa storm water line
-  Railroad tracks, current or historical
-  Chain link fence
-  Site property boundary
-  Generalized water level elevation

Project North
Not to scale

CONCEPTUAL SITE MODEL Santa Rosa Station Santa Rosa, California



Project No.
2770

Figure
10

Kennedy/Jenks Consultants

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Source Area Removal Report Santa Rosa Station Santa Rosa, California

29 January 2004

Prepared for

Union Pacific Railroad Company
Environmental Management Group
9451 Atkinson Street, Suite 10
Roseville, CA 95747-9711

K/J Project No. 032777.14

**Source Area Removal Report
Santa Rosa Station
Santa Rosa, California**

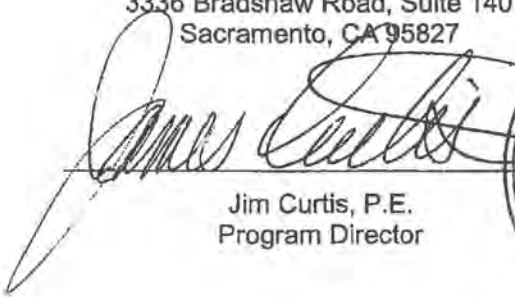
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9451 Atkinson Street, Suite 10
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Prepared by:

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Jim Curtis, P.E.
Program Director



K/J Project No. 032777,14

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Section 1: Introduction

Kennedy/Jenks Consultants (Kennedy/Jenks) has prepared this *Source Area Removal Report* (Report) on behalf of the Union Pacific Railroad Company (Union Pacific) and the Northwestern Pacific Railroad Authority (NWPRA). The Report documents source area investigation and source area removal actions completed at the Santa Rosa Station (Site) in October and November 2003. Kennedy/Jenks conducted the source area removals along a former underground petroleum pipeline and wooden underground storage tank (UST) in the Northwestern Area, selected areas within the Fenced Enclosure, and selected areas near a Southern Warehouse. Nineteen soil borings were advanced along the eastern boundary of the 6th Street Warehouse in order to conduct a source area investigation. Kennedy/Jenks coordinated the services of the drilling contractor, the construction contractor and laboratory services and worked in cooperation with and at the direction of the North Coast Regional Water Quality Control Board (Regional Board) and the Santa Rosa Fire Department (SRFD) to conduct the source area removals.

The Site is located in Santa Rosa, California between 3rd and 6th Streets, west of Wilson Street, in Railroad Square (Figure 1). The Site is vacant except for the Fenced Enclosure area in the eastern section of the Site (Figure 2). The area surrounding the Site is primarily commercial and residential. As part of the source removal actions, the Site was enclosed with a 6-foot chain link fence with lockable access gates on 3rd Street and 6th Street.

In order to maintain consistency with past investigative reports and the documentation collected during the source removal actions, project north and project south are referring to 6th and 3rd Streets, respectively. Project east is in the direction of the NWPRA right-of-way, and project west is in the direction of the Santa Rosa Creek.

The Site has been used for railroad operations since before 1900. Northwestern Pacific Railroad originally owned the Site and used it as a water and fueling station. Site ownership was transferred to the Southern Pacific Railroad Company (SPTCo) in 1906. Union Pacific purchased SPTCo in 1996, and thus acquired ownership of the Site. Site ownership is to transfer to NWPRA in the near future.

Additional details on the Site, site description and history, and the findings of previous investigations are provided in the *Environmental Site Conditions and Proposed Action Plan* (Geomatrix Consultants, January 2003) and *Limited Source Area Removal and Investigation Work Plan* (Kennedy/Jenks, 8 September 2003).

Section 2: General Investigation and Source Area Removal Information

2.1 Prefield Activities

Prior to initiating the field activities for both the 6th Street Warehouse source area investigation and the source area removal activities, the following activities were completed:

- The planned source removal areas and investigation area were marked in white paint. USA Alert was notified and a private utility locating firm surveyed the area for subsurface utilities.
- Turn-key Construction Services, Inc. (Turn-key) obtained permits for the planned soil excavation and for the removal to the buried wooden tank (assumed to be an underground storage tank) from the SRFD.
- Turn-key obtained a grading permit from the City of Santa Rosa Building Department.
- Kennedy/Jenks obtained soil boring permits from the County of Sonoma Department of Health Services Environmental Health Division.
- A site control grid was established to facilitate locating the positions of the soil sampling locations. The site control grid consisted of 40-foot grid sections across the entire Site. The 0.0 point was the juncture of northeast corner of the 6th Street Warehouse and 6th Street. The grid sections moved to the south and to the east, designated by letters (north-south orientation) and numbers (east-west orientation). The site control grid is shown on Figure 2.
- The Site was fenced during the week of 6 October 2003 prior to initiating field activities.
- Turn-key obtained a one-time wastewater discharge permit from the City of Santa Rosa Utilities Department for the discharge of groundwater to the City's sanitary sewer.
- Turn-key mobilized two 21,000-gallon storage tanks to the Site for the temporary storage of groundwater pumped from the excavations.

2.2 Laboratory Analysis

Excelchem Environmental Labs (State Certification No. 2119) (Excelchem) mobilized a mobile laboratory to the Site on 13 October 2003. The mobile laboratory was used to provide onsite and rapid turnaround analysis of total petroleum hydrocarbons as diesel (TPHd) and total petroleum hydrocarbons as motor oil (TPHmo) analysis during the source area investigation and source area removal actions to assist with removal decisions. Excelchem also provided fixed laboratory services for analyses that could not be conducted in the mobile laboratory.

The soil and groundwater samples collected during the source area investigation and source area removal actions were analyzed for various constituents depending on the area of the Site from which they were collected and the findings of previous investigations. The analytical methods used were:

- Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015, TPHd and TPHmo analysis by EPA Method 8015 following silica gel cleanup by EPA Method 3630.
- Arsenic and lead analysis by EPA Method 6010B.
- Benzene, toluene, ethylbenzene and total xylenes (BTEX) by EPA Method 8020.

Samples collected from the soil stockpiles for profiling and disposal were also selectively analyzed for:

- Semivolatile organic compounds, including polycyclic aromatic hydrocarbons by EPA Method 8270.
- Volatile organic compounds (VOCs) by EPA Method 8260.
- Title 22 metals by EPA Method 6010 series.
- Mercury by EPA Method 4770A.

The analysis of the stockpiled soil was at the direction of the disposal facilities and was reduced to just TPHd and TPHmo for the last stockpiles. The laboratory analytical results are presented in tables and referenced in specific sections herein. Copies of the laboratory analytical reports and chain-of-custody records are presented in Appendix A.

2.3 General Source Area Excavation Notes

Source area removal actions were conducted from 15 October 2003 until 13 November 2003. The removal actions moved between the Northwestern Area, the Southern Warehouse area and the Fenced Enclosure based on construction access considerations, the availability of Regional Board and SRFD personnel to observe the confirmation sampling, and the concurrence of either the Regional Board or SRFD personnel that removal of impacted soil from a source area had been completed and the area could be backfilled.

The source area removal actions were interrupted by periods of rain resulting in unsafe working conditions, which delayed the remedial actions.

Excavated soils were stockpiled on plastic sheeting and covered with plastic sheeting at the end of each working day. Approximately 6,500 cubic yards of impacted soil were excavated and placed into 13 stockpiles of approximately 500 cubic yards each. The stockpiled soils are awaiting offsite disposal.

Investigation derived residuals (IDRs), including decontamination water from the confirmatory soil sampling and the source area investigation along the 6th Street Warehouse, were added to the "wet" stockpile, Stockpile No. 7. Turn-key established Stockpile No. 7 as a holding cell for

saturated soils ("wet") excavated from below groundwater. The holding cell was constructed by creating a berm from clean import material on the edges of the underlying plastic sheeting. The berm served to contain any liquid that may have drained out of the saturated soils.

Once either the Regional Board or SRFD gave their concurrence that removal actions at each of the areas were complete, the excavations were backfilled with clean import material. Stonypoint Quarry in Cotati, California provided the backfill material. Fill material below groundwater was a 1-1/2-inch drain rock. Fill material above groundwater was a 3/4-inch minus quarry material. A total of 866 tons of drain rock, and 6,252 tons of quarry material was used to backfill the excavations. The backfill material was placed in approximately 12-inch lifts and compacted to a minimum of 90% compaction from the bottom of the excavation to the ground surface. Construction materials testing provided compaction testing to Turn-key.

Selected figures, identified in specific sections of this Report, present the laboratory analytical data generated during the investigation and remedial action field activities conducted in October and November 2003. In addition and where applicable and informative, analytical data from previous investigations is included. Refer to the legend on Figure 2 for identification of the symbols used to differentiate the data sets.

Removal action and confirmatory soil sampling identification was recorded by the area of collection (Southern Warehouse [SW], Fenced Enclosure [FE], Northwestern Area [NW]), the grid number, sequential number of sample collected and depth below ground surface (bgs). For example, the ninth sample collected overall from Northwestern Area during the wooden tank removal action from a depth of 7 feet bgs in grid section B2, was identified as NW-B2-9C-7. Confirmatory soil samples were collected during the source area removal actions under the direction of either the Regional Board or the SRFD. The confirmatory samples are designated by a "C" in the accompanying tables and figures. Additional soil samples were collected during the source area removal actions without the assistance of the Regional Board or SRFD to guide the excavation procedures and are referred to herein as removal action samples. The soil sampling designation is truncated on the figures to only the sequential number of the sample, and the letter "C" if it was a confirmatory sample, to save space and provide clarity.

Removal action and confirmation soil samples were collected in 2-inch by 3-inch brass tubes by pushing the tube into the soil in the excavator bucket (for samples collected from depths greater than 5 feet below ground surface [bgs]) or the bottom or sidewalls of the excavation. The tubes were sealed with Teflon™ tape, capped, recorded onto a chain-of-custody record.

The soil samples collected from the 6th Street Warehouse investigation were identified by the boring number and depth bgs. The reconnaissance groundwater samples were identified by the boring number, or by the boring number followed by the letter "w".

Section 3: 6th Street Warehouse Source Area Investigation

Nineteen soil borings were advanced at the locations shown on Figure 3 on 14 and 15 October 2003. The borings were advanced within grid sections A1 through F1 and identified as SRB-104 through SRB-122.

Vironex Environmental Field Services (C-57 License No. 705927) provided drilling services. The borings were advanced into the first encountered groundwater using a hydraulic push rig. Groundwater was encountered at approximately 20 to 21 feet bgs in the 6th Street Warehouse Source Area Investigation area.

A continuous soil core was collected from each boring in an acetate liner to allow visual observation of the core. Soil samples were removed from the core for laboratory analysis based on the visual observation. A minimum of three soil samples were collected from each core at depths of approximately depths of 5 feet, 10 feet, 15 feet or 20 feet bgs (or until groundwater was encountered). A reconnaissance groundwater sample was collected from each boring by inserting a 1-inch diameter screened polyvinyl chloride (PVC) pipe into the borehole and lowering a bailer into the PVC pipe. The recovered groundwater was decanted into a 1-liter amber bottle and delivered to the mobile laboratory. At the completion of each boring, the boring was backfilled with a cement bentonite slurry to the ground surface.

The soil and reconnaissance groundwater samples were analyzed for TPHd and TPHmo by Excelchem in the mobile laboratory. The analytical results are summarized in Tables 1 and 2.

The results of the field investigation indicated elevated concentrations of TPHd or TPHmo, or both, generally from just below the ground surface to groundwater in soil borings SRB-114, SRB-113, SRB-112, SRB-111 and SRB-118. Visual inspection of the soil cores removed from these borings generally showed that these cores contained evidence of petroleum hydrocarbon contained within the soil pores. The petroleum hydrocarbon varied from crystalline and dry, with a dull appearance to a more liquid state that glistened and reflected daylight. In all cases, the observed petroleum hydrocarbons in the soil cores was highly viscous and not readily flowing through the soil column.

Reconnaissance groundwater samples collected from soil borings SRB-112, SRB-118, SRB-105, SRB-106 and SRB-122 contained non-aqueous phase liquids (NAPL) which is reflected in the elevated TPHd and TPHmo concentrations (from 2,200,000 micrograms per liter [$\mu\text{g/l}$] to 66,000,000 $\mu\text{g/l}$) reported by the laboratory for those samples. TPHd and TPHmo were detected in other reconnaissance groundwater samples collected during the investigation, but at lower concentrations (from less than 50 $\mu\text{g/l}$ to 8,100 $\mu\text{g/l}$). Reconnaissance groundwater samples typically contain suspended soil particles, so the results may be due to NAPL or to chemicals in soil rather than chemicals in groundwater. None of the reconnaissance groundwater samples were filtered in the field or in the laboratory at the direction of the Regional Board and the results of samples collected from soil borings SRB-112, SRB-118, SRB-105, SRB-106, and SRB-122 are not considered indicative of dissolved phase TPHd or TPHmo.

Section 4: Source Area Removals

4.1 Southern Warehouse

Limited source area removals were planned in the general vicinity of the Southern Warehouse within grid sections L1, M1 and N1. Based on the results of previous investigations, soils in the vicinity of boring locations SRB-21, SRB-40 and SRB-41 contain TPHd and TPHmo. In addition, arsenic was detected above background in samples collected from both SRB-40 and SRB-41 to depths of approximately 8 feet bgs. The excavation was guided by visual observation of staining and the results of the removal action soil sampling analytical results. Confirmatory soil sampling was conducted in the presence of the Regional Board and the SRFD. Excavation continued until the combined removal action and confirmatory soil sampling analytical results indicated that the impacted soil had been removed and the Regional Board and the SRFD gave their approval to backfill the excavations.

The limits and depths of the Southern Warehouse excavations, the analytical results from the removal action soil sampling, previous investigations and the confirmatory soil sampling are shown on Figures 4 and 5. Approximately 270 cubic yards of soil were removed from these two excavations.

The laboratory analytical results from this removal action are summarized in Table 3. The confirmatory soil samples collected from the Southern Warehouse excavations were analyzed in the mobile laboratory for TPHd and TPHmo. The deeper confirmatory samples from the vicinity of SRB-40 and SRB-41 excavations were analyzed by at Excelchem's fixed laboratory for arsenic on a rush turnaround basis.

4.2 Fenced Enclosure

Limited source area removals were planned in the Fenced Enclosure within grid sections L6 and M6. Based on the results of previous investigations, soils in the vicinity of boring locations SRB-70, SRB-71 and SRB-96 contained TPHg, TPHd, TPHmo, and BTEX. The excavation was guided by visual observation of staining and the results of the removal action soil sampling analytical results. Confirmatory soil sampling was conducted in the presence of the Regional Board or the SRFD. Excavation continued until the combined removal action and confirmatory soil sampling analytical results indicated that the impacted soil had been removed and the Regional Board and the SRFD gave their approval to backfill the excavations.

The limits and depths of the Fenced Enclosure excavations, the analytical results from the removal action soil sampling, previous investigations and the confirmatory soil sampling are shown on Figure 6. Approximately 62 cubic yards of soil were removed from the Fenced Enclosure. The presence of an energized power pole located inside the Fenced Enclosure and just to the northeast of the trailer precluded sufficient excavation to remove TPHmo impacted soil from this immediate area. TPHmo at a concentration of 1,100 milligrams per kilogram (mg/kg) remain beneath the power pole at a depth of 0.5 feet bgs. Attempts to coordinate with the power pole owner to have the power pole de-energized and the pole removed to allow additional excavation to proceed in this area was unsuccessful during the removal actions.

Based on the other removal actions conducted in the Fenced Enclosure, the remaining TPHd at the base of the power pole is likely to be limited in extent and shallow.

The laboratory analytical results from the Fenced Enclosure removal action are summarized in Tables 4 and 5. The confirmatory soil samples collected from Fenced Enclosure excavations were analyzed in the mobile laboratory for TPHg, TPHd and TPHmo. Analyses for BTEX and lead were conducted at Excelchem's fixed laboratory on a rush turnaround basis.

4.3 Northwestern Area

The previous investigations conducted in the Northwestern Area indicated the presence of petroleum hydrocarbons. The analytical data indicated isolated pockets of impacted soil and not a general distribution over the entire area. Elevated levels of TPHd and TPHmo had been detected in soil samples collected along the former underground petroleum pipeline trench at depths up to 5 feet bgs, particularly at the western end of the trench near sampling location PL-12. The observation of a wooden UST uncovered during a potholing investigation conducted in the early summer of 2003 indicated that soils in the tank and surrounding area contain visually impacted soil. The reported elevated levels of TPHd and TPHmo in soil samples collected from borings SRB-75, SRB-99 and SRB-100 supported the observations of soil conditions around the wooden tank. The findings of the previous investigations were supported by the 6th Street Warehouse Source Area Investigation conducted as part of these field activities.

Source area removals along the pipeline trench, the wooden tank and the overall Northwestern Area proceeded to the limits shown on Figures 7 through 14. The areas of excavations became known as the UST excavation (wooden tank area), main pit excavation (encompassing and extending beyond soil borings SRB-114, SRB-112, SRB-111 and SRB-118), pipeline excavation, the GM excavation (at the southern end of the pipeline excavation) and the SRB-113 pit excavation. These areas are designated on the referenced drawings.

The laboratory analytical results for the removal action and confirmatory soil sampling analytical results are summarized in Table 6. The removal action and confirmatory soil samples were analyzed for TPHd and TPHmo by the mobile laboratory. The analytical results from the excavation pit dewatering conducted as part of the removal actions in the Northwestern Area are summarized in Table 7. The mobile laboratory performed groundwater TPHd and TPHmo analysis. Groundwater VOC analysis required by the City of Santa Rosa Utilities Department for the one-time discharge permit was performed at Excelchem's fixed laboratory.

4.3.1 UST Excavation

Source area removals began with a search for the wooden UST. Remnants of the wooden tank were encountered at approximately 10 feet bgs near intersection of grid lines B and 3 and near the location of SRB100 from a previous investigation. The wooden structure of the tank was rotted and could only be removed in small pieces. The tank remnants were added to the soil stockpiles for offsite disposal. The former tank was determined to be 18 feet in diameter. Excavation proceeded to remove visually impacted soil to a depth of approximately 18 to 19 feet bgs.

Groundwater began to seep into the excavation at 19 feet bgs. A gravel lens encountered at this depth in the northeastern corner of the excavation seeped NAPL into the excavation and onto the groundwater. The NAPL seepage from this location is in keeping with the NAPL observed in the reconnaissance groundwater sample collected from soil boring SRB-122. The soil samples collected from soil boring SRB-122 at depths of 5 feet, 10 feet and 20 feet bgs did not detect TPHd or TPHmo above the laboratory reporting limits (Table 1).

A ramp was excavated into the UST excavation from the south to allow excavation to greater depths. An additional 3 to 4 feet of material was removed from the bottom of the excavation and below the groundwater level. As much of the gravel lens that could be safely reached was removed as the excavation proceeded to the west, following the gravel lens.

The limits and depths of the UST excavation, the analytical results from the removal action soil sampling, previous investigations and the confirmatory soil sampling are shown on Figure 11. Approximately 700 cubic yards of soil were removed from the UST excavation. The presence of 6th Street to the north and the City of Santa Rosa sanitary sewer to the east presented site constraints to further excavations in these directions. The soil removal and confirmatory soil sample analytical results from the bottom and sidewalls of the UST excavation supported the decision that no further excavation was necessary. The Regional Board and the SRFD concurred with this decision.

Groundwater and NAPL seeping into the UST excavation was pumped into two 21,000-gallon temporary holding tanks on three occasions. The NAPL was observed to be floating on top of the groundwater and the water underneath the NAPL to be clear. Between each pumping event, Turn-key skimmed the NAPL from the top of the water with absorbent booms attached by ropes to the excavator bucket. A water sample was collected from the UST excavation by dropping a bailer into the excavation. The length of the bailer for collecting the water sample caused sediment from the bottom of the excavation to mix with the water resulting in a turbid sample. The elevated detections of TPHd and TPHmo in the UST Ex water sample are attributed to the sediment in the sample (Table 7). This water sample was not filtered in the field or the laboratory and the results are not considered indicative of dissolved phase TPHd or TPHmo.

Backfilling of the UST excavation began on 29 October 2003 with the concurrence of the Regional Board and the SRFD.

4.3.2 Pipeline and Main Pit Excavation

Almost simultaneously with the UST excavation, soil removal began at the northern end of the former petroleum pipeline trench. This pipeline and some soils had been previously removed from the area shown in general on Figure 2 and in detail on Figures 11 through 14. As the excavation along the pipeline trench proceeded south, visibly stained soil was removed and soil removal samples were collected to guide the excavation. The pipeline excavation expanded into the main pit excavation in the general vicinity of soil borings SRB-118, SRB-112 and SRB-111. The main pit excavation proceeded to the west until the halting at approximately 20 feet east of the 6th Street Warehouse.

Excavation along the pipeline trench along the southern edge of the main pit excavation was generally to depths ranging from 5 feet to 10 feet bgs. Just to the south of grid line E, between grid line 2 and 3, a layer of debris consisting of broken ceramics, bottles and rusted metal was encountered and removed (Figure 13).

Just south of monitoring well SRMW-10, the end of a 6-inch diameter steel pipe was encountered at a depth of approximately 4 feet bgs near grid lines C2. The excavation followed the pipe to the south across grid lines D, E, F and G. Approximately 12 feet south of grid line G, the steel pipe entered a 36-inch diameter concrete pipe traveling east to west and buried approximately 3 feet bgs. The steel pipe was removed during the excavation. The connection to the concrete pipe was patched with concrete. The concrete pipe was left in place. This concrete pipe is assumed to be part of the City of Santa Rosa storm drain system.

Groundwater began to seep into the main pit excavation at 19 feet bgs. A petroleum product seeped into the excavation and onto the groundwater, primarily from the southern and western faces of the excavation. This seepage of product from these areas is in keeping with the observed product in the reconnaissance groundwater sample collected from soil borings SRB-112 and SRB-118.

A ramp was excavated into the main pit excavation from the south to allow excavation to greater depths. An additional 2 to 3 feet of material was removed from the bottom of the excavation and below the groundwater level.

The limits and depths of the pipeline trench and main pit excavation, the analytical results from the removal action soil sampling, previous investigations and the confirmatory soil sampling are shown on Figures 8, 9, 10, 12 and 13. Approximately 3,500 cubic yards of soil were removed from the pipeline trench and main pit excavation. The presence of the 6th Street Warehouse to the west presented site constraints to further excavations in this direction.

Groundwater and NAPL seeping into the main pit excavation was pumped into the two 21,000-gallon temporary holding tanks on numerous occasions. The NAPL was observed to be floating on top of the groundwater and the water underneath the NAPL to be clear. The Regional Board observed this fact by throwing a small rock into the NAPL to observe the clear water beneath. Between each pumping event, Turn-key skimmed the NAPL from the top of the water with absorbent booms attached by ropes to the excavator bucket. A water sample was collected from the main pit excavation by lowering a five-gallon bucket into the water and then decanting the water into a 1-liter amber bottle. This method avoided the sediment disturbance that occurred at the UST excavation.

Backfilling of the main pit excavation began on 4 November 2003 with the concurrence of the Regional Board. Additional soil excavation at the western edge of the main pit excavation was conducted after the main pit was backfilled and compacted. This additional excavation was conducted on 12 and 13 November 2003, at the request of the SRFD, to remove elevated concentrations of TPHd and TPHmo in vadose zone soils as detected in removal action samples NW-E1-44-13.5, NW-E1-45-9, NW-E1-46-5, NW-F1-49-14.5, NW-F1-50-8 and NW-F1-51-5 (Table 6 and Figure 9). Because of the proximity of the 6th Street Warehouse and the depth of the main pit excavation (approximately 22 feet bgs), this excavation could not proceed until the backfill operations were complete and the western sidewall of the main pit excavation stabilized sufficiently to carry the weight of the building, the excavator and a loaded

dump truck. The 12 and 13 November 2003 excavation was conducted to maintain a 1.5 horizontal to 1 vertical slope from the 6th Street Warehouse to the western edge of the main pit excavation to support the warehouse and foundation, and equipment. This allowed for excavation to a maximum depth of 13.3 feet bgs at the western edge of the main pit excavation 20 feet east of the 6th Street Warehouse.

4.3.3 GM Excavation

At the southern end of the former petroleum pipeline trench, high concentrations of TPHd and TPHmo had been detected during the pipe removal. During this removal action, this area was overexcavated to the limits and depths shown on Figure 14. Approximately 325 cubic yards of material was removed from this excavation.

Groundwater began to seep into the GM excavation at 15 feet bgs. A small amount of NAPL seeped into the excavation and onto the groundwater. The groundwater and NAPL that seeped into the excavation were pumped to the temporary holding tanks. Between each pumping event, Turn-key skimmed the NAPL from the top of the water with absorbent booms attached by ropes to the excavator bucket. A water sample was collected from the GM pit excavation by lowering a five-gallon bucket into the water and then decanting the water into a one-liter amber bottle. This method avoided the sediment disturbance that occurred at the UST excavation.

Backfilling of the GM pit excavation began on 31 October 2003 with the concurrence of the Regional Board and the SRFD.

4.3.4 SRB-113 Pit Excavation

Additional excavation was conducted in the vicinity of soil boring SRB-113 after the main pit excavation and the pipeline trenches to the east of soil boring SRB-113 were backfilled and compacted. This excavation was conducted separately from the main pit excavation upon realization that the main pit excavation did not include soil in the vicinity of soil boring SRB-113 which had been found to contain elevated concentrations of the TPHd and TPHmo based on the 6th Street Warehouse Source Area Investigation. The SRB-113 pit excavation was delayed until the main pit was backfilled and compacted for stability and safety reasons as discussed in Section 4.3.2. During this removal action, this area was overexcavated to the limits and depths shown on Figure 8. Approximately 500 cubic yards of material was removed from this excavation.

Groundwater began to seep into the SRB-113 excavation at 19 feet bgs. A small amount of NAPL seeped into the excavation and onto the groundwater. The groundwater and NAPL that seeped into the excavation were pumped to the temporary holding tanks. Between each pumping event, Turn-key skimmed the NAPL from the top of the water with absorbent booms attached by ropes to the excavator bucket. A water sample was collected from the SRB-113 pit excavation by lowering a five-gallon bucket into the water and then decanting the water into a one-liter amber bottle. This method avoided the sediment disturbance that occurred at the UST excavation.

Backfilling of the SRB-113 excavation began on 14 November 2003 with the concurrence of the Regional Board. A hard rain was falling at the Site at this time and the sidewalls of the SRB-113

pit were becoming soft and unstable at the time the Regional Board granted their approval to backfill the SRB-113 pit.

4.3.5 Site Restoration Activities

Completing the backfill and compaction of the various excavations proceeded from 14 November until 19 November 2003, when weather and site conditions would allow safe working conditions. The groundwater pumped from the various excavations was discharged into the City of Santa Rosa sanitary sewer under the one-time discharge permit.

Equipment demobilization was completed on 19 November 2003.

Section 5: Waste Management

5.1 Groundwater

Approximately 70,000 gallons of groundwater and NAPL were pumped from the various source area excavations during these removal actions. The groundwater and NAPL were temporarily stored in two 21,000-gallon tanks.

Two samples of the groundwater and NAPL were collected for laboratory analysis of TPHd and TPHmo. The second sample was also analyzed for VOCs as a condition of the City of Santa Rosa one-time wastewater discharge permit. The laboratory analytical results are summarized in Table 7.

The TPHd, TPHmo, and methylene chloride (the only VOC detected) concentrations detected in the samples were below the City of Santa Rosa Utilities Department acceptance criteria and the one-time permit was issued. The pumped groundwater and NAPL was discharged to the City of Santa Rosa's sanitary sewer over a period of days.

5.2 Soil Stockpile Disposal

Approximately 5,360 cubic yards of soil was excavated and stockpiled during the source area removal actions. An additional 1,100 cubic yards of soil was already stockpiled onsite in various piles. These small piles were evaluated during the removal actions for possible reuse as backfill material. All the small piles were observed to be visually stained and subsequent laboratory testing of composite samples collected from these piles indicated the presence of TPHd and TPHmo. The small piles were consolidated into larger stockpiles and will be removed for offsite disposal with the excavated soil.

There are 13 stockpiles onsite, each containing approximately 500 cubic yards of soil. Four to one composite samples were collected from each stockpile for laboratory analysis for chemical constituents as required by the disposal facilities for profiling for acceptance. The results of the stockpile composite sampling analyses are summarized in Tables 8 through 11. Stockpile No. 11, which was comprised of consolidated piles of soil found onsite, was not sampled. Composite sampling of Stockpile No. 11 will be completed prior to its removal from the Site.

Waste Management has accepted the stockpiled soil for use as daily cover at the Altamont Landfill in Livermore, California. Removal of the soil stockpiles from the Site is tentatively scheduled for the week of 2 February 2004.

Section 6: Discussion and Recommendations

Source area removal actions were conducted at the Southern Warehouse, the Fenced Enclosure and the Northwestern Area in October and November 2003. Soils containing petroleum hydrocarbons and selected metals were excavated, stockpiled and will be removed from the Site for offsite disposal. Remediation of the source area soils is complete with a few minor exceptions.

An anticipated small volume of soil containing TPHd remains at the base of the power pole inside the Fenced Enclosure. This soil should be properly managed once the power pole is de-energized and removed during Site redevelopment activities.

Pockets of soil containing TPHd and TPHmo remain at depths generally greater than 10 feet bgs in the Northwestern Area. These pockets remain because they were inaccessible due to site constraints and safety considerations. These pockets are in the vicinity of, and west of, soil borings SRB-112 and SRB-113. It is also assumed, based on the results of previous investigations and the findings of the 6th Street Warehouse Source Area Investigation, that TPHd and TPHmo impacted soil extends under the 6th Street Warehouse at groundwater level. This material is inaccessible.

Based on the source removal work conducted in October and November 2003 and the analytical results, Kennedy/Jenks recommends that the remediation of Site soils is complete. No further action to address impacts to soils is necessary or warranted.

Neither the presence of impacted soil prior to removal nor the soil remediation efforts requiring excavation below groundwater appear to have impacted groundwater. The fourth quarter 2004 groundwater monitoring event was completed on 9 December 2003, following the completion of the source area removal actions. TPHd and TPHmo were not detected in any of the groundwater samples collected from the Site wells. The fourth quarter results are consistent with previous results. The *Fourth Quarter 2003 Groundwater Monitoring Report* will be submitted under separate cover.

To better evaluate if the source area removal actions and excavating below groundwater have impacted groundwater, two new groundwater monitoring wells should be installed at the locations shown on Figure 15. These new wells should be included in the ongoing groundwater monitoring of the existing five wells associated with the Site. A well installation work plan will be submitted to the Regional Board under separate cover.

Tables

Table 1: Summary of 6th Street Warehouse Source Area Investigation – Soil Sample Analytical Results

Sample Identification	Date Sampled	Depth (feet bgs) ^(b)	Analytical Results (mg/kg) ^(a)	
			TPHd ^(c)	TPHmo ^(d)
SRB-104-5	10/15/03	5	<5.0 ^(e)	12
SRB-104-10	10/15/03	10	<10	<20
SRB-104-20	10/15/03	20	<10	<20
SRB-105-5	10/15/03	5	<10	<20
SRB-105-15	10/15/03	15	<25	64
SRB-105-18.5	10/15/03	18.5	48	180
SRB-106-5	10/15/03	5	<5.0	<10
SRB-106-15	10/15/03	15	<5.0	<10
SRB-106-20	10/15/03	20	<5.0	<10
SRB-107-5	10/14/03	5	<5.0	<10
SRB-107-15	10/14/03	15	<5.0	<10
SRB-107-20	10/14/03	20	<5.0	<10
SRB-108-5	10/14/03	5	<5.0	<10
SRB-108-10	10/14/03	10	<5.0	<10
SRB-108-20	10/14/03	20	<5.0	<10
SRB-109-5	10/15/03	5	<5.0	<10
SRB-109-15	10/15/03	15	<5.0	<10
SRB-109-19	10/15/03	19	<5.0	<10
SRB-110-5	10/15/03	5	<5.0	<10
SRB-110-10	10/15/03	10	<5.0	<10
SRB-110-20	10/15/03	20	180	180
SRB-111-5	10/15/03	5	<10	72
SRB-111-10	10/15/03	10	1,400	2,300
SRB-111-18.5	10/15/03	18.5	470	600
SRB-112-5	10/14/03	5	<5.0	<10
SRB-112-10	10/14/03	10	<5.0	<10
SRB-112-15	10/14/03	15	590	850
SRB-112-20	10/14/03	20	3,700	3,300
SRB-113-5	10/14/03	5	1,400	1,400
SRB-113-10	10/14/03	10	3,000	3,500
SRB-113-15	10/14/03	15	48	360
SRB-113-20	10/14/03	20	1,000	1,200
SRB-114-5	10/14/03	5	<5.0	<10
SRB-114-10	10/14/03	10	<5.0	<10

Table 1: Summary of 6th Street Warehouse Source Area Investigation – Soil Sample Analytical Results

Sample Identification	Date Sampled	Depth (feet bgs) ^(b)	Analytical Results (mg/kg) ^(a)	
			TPHd ^(c)	TPHmo ^(d)
SRB-114-20	10/14/03	20	<5.0	<10
SRB-115-5	10/14/03	5	<5.0	<10
SRB-115-10	10/14/03	10	<5.0	<10
SRB-115-20	10/14/03	20	<5.0	<10
SRB-116-5	10/14/03	5	<5.0	31
SRB-116-10	10/14/03	10	<5.0	<10
SRB-116-20	10/14/03	20	<5.0	<10
SRB-117-5	10/15/03	5	<5.0	<10
SRB-117-10	10/15/03	10	<5.0	<10
SRB-117-20	10/15/03	20	<5.0	<10
SRB-118-5	10/15/03	5	21,000	15,000
SRB-118-14.5	10/15/03	14.5	<250	650
SRB-118-20	10/15/03	20	1,600	1,900
SRB-119-5	10/15/03	5	<5.0	<10
SRB-119-10	10/15/03	10	<5.0	<10
SRB-119-20	10/15/03	20	<5.0	<10
SRB-120-5	10/15/03	5	<5.0	<10
SRB-120-10	10/15/03	10	<5.0	<10
SRB-120-20	10/15/03	20	<5.0	<10
SRB-121-5	10/14/03	5	<5.0	<10
SRB-121-15	10/14/03	15	<5.0	15
SRB-121-20	10/14/03	20	<5.0	<10
SRB-122-5	10/14/03	5	<5.0	<10
SRB-122-10	10/14/03	10	<5.0	<10
SRB-122-20	10/14/03	20	<5.0	<10

(a) mg/kg = milligrams per kilogram.

(b) feet bgs = feet below ground surface.

(c) Total petroleum hydrocarbons as diesel analysis by EPA Method 8015m with silica gel cleanup.

(d) Total petroleum hydrocarbons as motor oil analysis by EPA Method 8015m with silica gel cleanup.

(e) < = Analyte not detected at or above stated laboratory reporting limit.

Results equal to, or greater than, the laboratory reporting limit are presented in **BOLDFACE** to facilitate identification.

Table 2: Summary of 6th Street Warehouse Source Area Investigation – Reconnaissance Groundwater Sample Analytical Results

Sample Identification	Date Sampled	Analytical Results (µg/l) ^(a)	
		TPHd ^(b)	TPHmo ^(c)
SRB-104-W	10/15/03	410	2,500
SRB-105-W	10/15/03	66,000,000	38,000,000
SRB-106-W	10/15/03	6,300,000	12,000,000
SRB-107	10/14/03	<50 ^(d)	1,000
SRB-108	10/14/03	<100	<1,000
SRB-109-W	10/15/03	330	830
SRB-110-W	10/15/03	1,100	3,600
SRB-111-W	10/15/03	650	8,100
SRB-112	10/14/03	6,400,000	6,900,000
SRB-113	10/14/03	830	1,300
SRB-114	10/14/03	81	500
SRB-115	10/14/03	520	<500
SRB-116	10/14/03	<50	770
SRB-117-W	10/15/03	570	<1,000
SRB-118-W	10/15/03	2,200,000	2,400,000
SRB-118-W (Dup)	10/15/03	3,900,000	4,100,000
SRB-119-W	10/15/03	<50	<500
SRB-120-W	10/15/03	<50	<500
SRB-121	10/14/03	<50	<500
SRB-122	10/14/03	6,000,000	5,300,000

(a) µg/l = micrograms per liter.

(b) Total petroleum hydrocarbons as diesel analysis by EPA Method 8015m with silica gel cleanup.

(c) Total petroleum hydrocarbons as motor oil analysis by EPA Method 8015m with silica gel cleanup.

(d) Analyte not detected at, or above, stated laboratory reporting limit.

Results equal to, or greater than, the laboratory reporting limit are presented in **BOLDFACE** to facilitate identification.

Table 3: Summary of Excavation Soil Sampling Analytical Results: Southern Warehouse Area – Total Petroleum Hydrocarbons and Arsenic

Sample Identification	Depth (feet bgs) ^(b)	Analytical Results (mg/kg) ^(a)			Date Sampled
		TPHd ^(c)	TPHmo ^(d)	Arsenic ^(e)	
SW-M1-1-2.5	2.5	2,600	2,300	— ^(f)	10/15/03
SW-M1-2-6.5	6.5	<5.0 ^(g)	17	—	10/15/03
SW-M1-3-5.5	5.5	<5.0	<10	—	10/15/03
SW-M1-4-7	7	1,500	1,400	—	10/15/03
SW-M1-5-3	3	1,400	1,800	—	10/15/03
SW-M2-6-5.75	5.75	<5.0	<10	—	10/15/03
SW-N1-7-5	5	<5.0	<10	—	10/15/03
SW-L1-10-8C ^(h)	8	<5.0	<10	—	10/16/03
SW-L1-11-9.5C	9.5	<10	33	—	10/16/03
SW-L1-12-5C	5	<5.0	<10	—	10/16/03
SW-M1-13-4C	4	<5.0	<10	—	10/16/03
SW-L1-14-3.75C	3.75	<5.0	<10	—	10/16/03
SW-L1-15-4.5C	4.5	<5.0	<10	—	10/16/03
SW-M1-16-8C	8	<5.0	<10	3.0	11/16/03
SW-M1-17-8.5C	8.5	<5.0	<10	2.7	11/16/03
SW-M1-18-5C	5	8.6	88	3.7	11/16/03
SW-N1-19-4.5C	4.5	<5.0	<10	2.8	11/16/03
SW-N1-20-7C	7	<5.0	<10	2.3	11/16/03
SW-M1-21-4C	4	<5.0	<10	<2.0	11/16/03

(a) mg/kg = milligrams per kilogram.

(b) feet bgs = feet below ground surface.

(c) TPHd = Total petroleum hydrocarbons as diesel analysis by EPA Method 8015m with silica gel cleanup.

(d) TPHmo = Total petroleum hydrocarbons as motor oil analysis by EPA Method 8015m with silica gel cleanup.

(e) Arsenic analysis by EPA Method 6010B.

(f) — = Not analyzed.

(g) < = Analyte not detected at, or above, stated laboratory reporting limit.

(h) C = Sample collected at the direction of regulatory agency personnel.

TPHd and TPHmo results equal to, or greater than, laboratory reporting limit are presented in **BOLDFACE** to facilitate identification.

Table 4: Summary of Excavation Soil Sampling Analytical Results: Fenced Enclosure – Total Petroleum Hydrocarbons

Sample Identification	Depth (feet bgs) ^(b)	Analytical Results (mg/kg) ^(a)			Date Sampled
		TPHg ^(c)	TPHd ^(d)	TPHmo ^(e)	
FE-L6-23-1.5C ^(f)	1.5	<1.0 ^(g)	<5.0	34	10/17/03
FE-M6-24-1.5C	1.5	<1.0	<5.0	<10	10/17/03
FE-L5-29-0.5C	0.5	<1.0	<5.0	1,100	10/17/03
FE-L6-30-3C	3	<1.0	<5.0	470	10/17/03
FE-119-3.5C	3.5	– ^(h)	1.6	<10	11/13/03

(a) mg/kg = milligrams per kilogram.

(b) feet bgs = feet below ground surface.

(c) TPHg = Total petroleum hydrocarbons as gasoline analysis by EPA Method 8015m.

(d) TPHd = Total petroleum hydrocarbons as diesel analysis by EPA Method 8015m with silica gel cleanup.

(e) TPHmo = Total petroleum hydrocarbons as motor oil analysis by EPA Method 8015m with silica gel cleanup.

(f) C = Sample collected at the direction of regulatory agency personnel.

(g) < = Analyte not detected at, or above, stated laboratory reporting limit.

(h) – = Not analyzed.

Results equal to, or greater than, laboratory reporting limit are presented in **BOLDFACE** to facilitate identification.

Table 5: Summary of Excavation Soil Sampling Analytical Results: Fenced Enclosure BTEX^(a) and Lead^(b)

Sample Identification	Depth (feet bgs) ^(d)	Analytical Results (mg/kg) ^(c)					Date Sampled
		Benzene	Toluene	Ethylbenzene	Xylenes	Lead	
FE-L6-23-1.5C ^(e)	1.5	<0.005 ^(f)	<0.005	<0.005	<0.013	26	10/17/03
FE-M6-24-1.5C	1.5	<0.005	<0.005	<0.005	<0.013	27	10/17/03
FE-L5-29-0.5C	0.5	<0.005	<0.005	<0.005	<0.013	98	10/17/03
FE-L6-30-3C	3	<0.005	<0.005	<0.005	<0.013	74	10/17/03

(a) BTEX = Benzene, toluene, ethylbenzene and xylenes analysis by EPA Method 8020.

(b) Lead = Analysis by EPA Method 6010B.

(c) mg/kg = milligrams per kilogram.

(d) feet bgs = feet below ground surface.

(e) C = Sample collected at the direction of regulatory agency personnel.

(f) < = Analyte not detected at or above stated laboratory reporting limit.

Table 6: Summary of Excavation Soil Sampling Analytical Results: Northwestern Area – Total Petroleum Hydrocarbons

Sample Identification	Depth (feet bgs) ^(b)	Analytical Results (mg/kg) ^(a)		Date Sampled
		TPHd ^(c)	TPHmo ^(d)	
NW-B2-8-14C	14	900	740	10/16/03
NW-B1-9-7C	7	<83 ^(e)	450	10/16/03
NW-B3-10-8.5C	8.5	220	400	10/16/03
NW-D2-25-9	9	<5.0	<10	10/17/03
NW-D2-26-11	11	<5.0	<10	10/17/03
NW-C2-27-4.5	4.5	<5.0	<10	10/17/03
NW-F2-28-11	11	420	1,200	10/17/03
NW-B2-31-16C	16	340	290	10/20/03
NW-B1-32-16	16	<83	230	10/20/03
NW-B1-33-21C ^(f)	21	<25	58	10/20/03
NW-D2-34-19	19	490	490	10/20/03
NW-D2-35-9C	9	<5.0	<10	10/20/03
NW-E1-36-10	10	3,500	3,000	10/21/03
NW-C1-37-6	6	<5.0	23	10/21/03
NW-B1-38-6	6	<5.0	16	10/21/03
NW-E1-39-18	18	2,100	2,100	10/21/03
NW-E1-40-13.5	13.5	<5.0	<10	10/21/03
NW-E1-41-7	7	2,400	1,700	10/22/03
NW-E1-42-8	8	<5.0	<10	10/22/03
NW-F2-43-14	14	<5.0	<10	10/22/03
NW-E1-44-13.5	13.5	460	470	10/22/03
NW-E1-45-9	9	23	110	10/22/03
NW-E1-46-4	4	1,200	950	10/22/03
NW-F1-47-6	6	310	700	10/22/03
NW-F1-48-9	9	<5.0	<10	10/22/03
NW-F1-49-14.5	14.5	1,000	1,200	10/22/03
NW-F1-50-8	8	750	980	10/22/03
NW-F1-51-5	5	<250	1,700	10/22/03
NW-D1-52-4	4	<10	63	10/22/03

Table 6: Summary of Excavation Soil Sampling Analytical Results: Northwestern Area – Total Petroleum Hydrocarbons

Sample Identification	Depth (feet bgs) ^(b)	Analytical Results (mg/kg) ^(a)		Date Sampled
		TPHd ^(c)	TPHmo ^(d)	
NW-C1-53-4	4	<5.0	<10	10/22/03
NW-C2-54-3.5	3.5	<10	31	10/22/03
NW-F1-55-15.5	15.5	14	62	10/22/03
NW-F1-56-14	14	230	340	10/22/03
NW-F1-57-8.5	8.5	<5.0	<10	10/22/03
NW-E2-58-5	5	<5.0	<10	10/23/03
NW-F2-59-5	5	<5.0	<10	10/23/03
NW-E2-60-6	6	<5.0	21	10/23/03
NW-D1-61-20	20	<10	100	10/23/03
NW-D1-62-21	21	550	460	10/23/03
NW-E1-63-21	21	230	260	10/23/03
NW-E1-64-21	21	3,300	2,500	10/23/03
NW-E2-65-21	21	1,400	1,200	10/23/03
NW-E1-66-21	21	330	310	10/24/03
NW-E1-67-21	21	63	120	10/24/03
NW-E2-68-21	21	<5.0	<10	10/24/03
NW-E1-69-21	21	1,600	1,600	10/24/03
NW-G1-70-8	8	1,100	1,100	10/24/03
NW-G1-71-13	13	<25	510	10/24/03
NW-G1-72-5	5	<25	280	10/24/03
NW-G1-73-4	4	210	1,600	10/24/03
NW-F2-74-11	11	<5.0	22	10/24/03
NW-G2-75-7	7	<5.0	<10	10/24/03
NW-G2-76-6	6	<5.0	<10	10/24/03
NW-H2-77-4	4	<25	160	10/24/03
NW-C2-78-8	8	<5.0	<10	10/27/03
NW-A2-79-18C	18	280	290	10/27/03
NW-A2-80-21C	21	92	150	10/27/03
NW-B2-81-21C	21	77	75	10/27/03
NW-A1-82-19C	19	110	110	10/27/03

Table 6: Summary of Excavation Soil Sampling Analytical Results: Northwestern Area – Total Petroleum Hydrocarbons

Sample Identification	Depth (feet bgs) ^(b)	Analytical Results (mg/kg) ^(a)		Date Sampled
		TPHd ^(c)	TPHmo ^(d)	
NW-B2-83-16C	16	120	110	10/27/03
NW-A1-84-18C	18	<5.0	51	10/27/03
NW-A1-85-10C	10	<5.0	<10	10/27/03
NW-A1-86-16C	16	<5.0	92	10/27/03
NW-F1-87-16C	16	320	420	10/27/03
NW-G2-88-11	11	<5.0	<10	10/28/03
NW-H2-89-15	15	<5.0	<10	10/28/03
NW-H2-90-18	18	67	110	10/28/03
NW-H2-91-17	17	<5.0	<10	10/28/03
NW-H2-92-12	12	<5.0	<10	10/28/03
NW-G1-93-16	16	540	480	10/28/03
NW-F1-94-17	17	14	37	10/28/03
NW-E2-95-7C	7	<5.0	34	10/28/03
NW-E2-96-9C	9	<25	190	10/28/03
NW-H2-97-16-C	16	<5.0	25	10/28/03
NW-H2-98-13C	13	<5.0	46	10/28/03
NW-H2-99-11C	11	<5.0	<10	10/28/03
NW-H2-100-13C	13	<5.0	<10	10/28/03
NW-E2-101-9C	9	<5.0	<10	10/28/03
NW-D1-102-11	11	16	33	10/29/03
NW-C1-103-17	17	14	33	10/29/03
NW-C1-104-9	9	<5.0	<10	10/29/03
NW-C1-105-8	8	<5.0	11	10/29/03
NW-C1-106-16	16	<5.0	<10	10/30/03
NW-C1-107-18	18	1,500	1,500	10/30/03
NW-C1-108-18	18	<5.0	<10	10/30/03
NW-01-109-10	10	2,300	2,300	10/31/03
NW-01-110-17.5	17.5	130	140	10/31/03
NW-D1-111-21	21	1,800	1,000	11/13/03
NW-D1-112-16	16	1,300	720	11/13/03

Table 6: Summary of Excavation Soil Sampling Analytical Results: Northwestern Area – Total Petroleum Hydrocarbons

Sample Identification	Depth (feet bgs) ^(b)	Analytical Results (mg/kg) ^(a)		Date Sampled
		TPHd ^(c)	TPHmo ^(d)	
NW-D1-113-14	14	<4.0	<4.0	11/13/03
NW-C1-114-17	17	<1.0	<1.0	11/13/03
NW-C1-115-13	13	280	410	11/13/03
NW-F1-116-10	10	200	<400	11/13/03
NW-F1-117-10	10	<4.0	100	11/13/03
NW-E1-118-10	10	760	510	11/13/03

(a) mg/kg = milligrams per kilogram.

(b) feet bgs = feet below ground surface.

(c) TPHd = Total petroleum hydrocarbons as diesel analysis by EPA Method 8015m with silica gel cleanup.

(d) TPHmo = Total petroleum hydrocarbons as motor oil analysis by EPA Method 8015m with silica gel cleanup.

(e) < = Analyte not detected at or above stated laboratory reporting limit.

(f) Sample collected at the direction of regulatory agency personnel.

Results equal to, or greater than, laboratory reporting limit are presented in **BOLDFACE** to facilitate identification.

Table 7: Summary of Excavation Pit Dewatering Water Sample Analysis – Total Petroleum Hydrocarbons and VOCs

Sample Identification	Date Sampled	Analytical Results (µg/l) ^(a)					
		TPHd ^(b)		TPHmo ^(c)		VOCs ^(d)	
		Filtered	Unfiltered	Filtered	Unfiltered	Analyte	Results
Holding Tanks							
Frac Tank 10/24	10/24/03	-- ^(e)	4,500	--	3,300	--	
Frac Tank - 2	10/27/03	--	140	--	800	Methylene chloride	120
Excavation Pit							
UST Ex	10/29/03	--	21,000	--	17,000	--	
GM Water	10/31/03	180	320	<500 ^(f)	<500	--	
Main Pit Water	11/04/03	210	180	<500	<500	--	
SRB-113-Pit	11/14/03	71	110	<500	<500	--	

(a) µg/l = micrograms per liter.

(b) TPHd = Total petroleum hydrocarbons as diesel analysis by EPA Method 8015m with silica gel cleanup.

(c) TPHmo = Total petroleum hydrocarbons as motor oil analysis by EPA Method 8015m with silica gel cleanup.

(d) VOCs = Volatile organic compounds analysis by EPA Method 8260B. Only analytes detected above laboratory reporting limits are listed.

(e) -- = Not analyzed

(f) < = Analyte not detected at, or above, stated laboratory reporting limit.

Table 8: Summary of Stockpile Composite Sample Analytical Results – Total Petroleum Hydrocarbons

Sample Identification	Date Sampled	Analytical Results (mg/kg) ^(a)		
		TPHg ^(b)	TPHd ^(c)	TPHmo ^(d)
Stockpile No. 1	10/17/03	4.1 ^(e)	1,700	2,100
Stockpile No. 2	10/20/03	— ^(f)	550	700
Stockpile No. 3	10/21/03	—	<100 ^(g)	550
Stockpile No. 4	10/21/03	—	5,300	3,700
Stockpile No. 5	10/22/03	—	1,300	1,400
Stockpile No. 6	10/24/03	—	2,000	2,100
Stockpile No. 7	10/24/03	—	<100 ^(g)	470
Stockpile No. 8	10/29/03	—	140	160
Stockpile No. 9	10/29/03	—	16	150
Stockpile No. 10	10/29/03	—	390	350
Stockpile No. 12	10/31/03	—	630	610
Stockpile No. 13	11/13/03	—	500	510

(a) mg/kg = milligrams per kilogram

(b) TPHg = Total petroleum hydrocarbons as gasoline analysis by EPA Method 8015m.

(c) TPHd = Total petroleum hydrocarbons as diesel analysis by EPA Method 8015m.

(d) TPHmo = Total petroleum hydrocarbons as motor oil analysis by EPA Method 8015m.

(e) Laboratory reports that the sample chromatogram does not match the standard gasoline chromatogram. All peaks were integrated within the gasoline range. The reported result is an estimate.

(f) — = Not analyzed.

(g) < = Analyte not detected at or above stated reporting limit.

Table 9: Summary of Stockpile Composite Sample Analytical Results – VOCs^(a) and SVOCs^(b)

Sample Identification	Date Sampled	Analytical Results (mg/kg) ^(c)			
		VOCs		SVOCs	
		Analyte	Results	Analyte	Results
Stockpile No. 1	10/17/03	1,2,3-Trimethylbenzene	0.006	2-Methylnaphthalene	3.3
				Phenanthrene	3.0
				Benzidine	19 ^(d)
				Pyrene	3.5
Stockpile No. 2	10/20/03			Benzidine	9.3 ^(d)
Stockpile No. 3	10/21/03	Naphthalene	0.011	Phenanthrene	2.7
				Fluoranthene	3.3
				Pyrene	2.2
Stockpile No. 4	10/21/03	Isopropylbenzene	0.012	Naphthalene	4.9
		n-Propylbenzene	0.019	2-Methylnaphthalene	35
		sec-butylbenzene	0.011	Acenaphthene	1.8
		n-Butylbenzene	0.025	Phenanthrene	8.9
		Naphthalene	0.56	Pyrene	3.9
Stockpile No. 5	10/22/03			Benzo [a] anthracene	1.7
		n-Butylbenzene	0.007	Benzidine	1.3 ^(d)
Stockpile No. 6	10/24/03	Naphthalene	0.020		
		Isopropylbenzene	0.008	Phenanthrene	1.8
		n-Propylbenzene	0.011	Pyrene	1.0
		n-Butylbenzene	0.019		
Stockpile No. 7	10/24/03			Benzidine	4.7 ^(d)

**Table 9: Summary of Stockpile Composite Sample Analytical Results –
VOCs^(a) and SVOCs^(b)**

- (a) VOCs = Volatile organic compounds analysis by EPA Method 8260B; Only analytes detected are listed.
- (b) SVOCs = Semivolatile organic compounds analysis by EPA Method 8270C; Only analytes detected are listed.
- (c) mg/kg = milligrams per kilogram.
- (d) Estimated value.

**Table 10: Summary of Stockpile Composite Sample
Analytical Results – Metals^(a)**

Sample Identification	Date Sampled	Analytical Results mg/kg ^(b)	
		Analyte	Results
Stockpile No. 1	10/17/03	Antimony	7.5
		Arsenic	3.1
		Barium	150
		Beryllium	<0.3 ^(c)
		Cadmium	0.9
		Chromium	82
		Cobalt	18
		Copper	42
		Lead	13
		Mercury	0.045
		Molybdenum	<1.0
		Nickel	120
		Selenium	<2.0
		Silver	<1.0
		Thallium	<2.0
		Vanadium	54
		Zinc	53
Stockpile No. 2	10/20/03	Antimony	6.9
		Arsenic	2.4
		Barium	150
		Beryllium	<0.4
		Cadmium	0.7
		Chromium	75
		Cobalt	20
		Copper	27
		Lead	13
		Mercury	0.062

**Table 10: Summary of Stockpile Composite Sample
Analytical Results – Metals^(a)**

Sample Identification	Date Sampled	Analytical Results mg/kg ^(b)	
		Analyte	Results
Stockpile No. 2 (cont'd)	10/20/03	Molybdenum	<1.0
		Nickel	95
		Selenium	<2.0
		Silver	<1.0
		Thallium	<2.0
		Vanadium	61
		Zinc	60
Stockpile No. 3	10/21/03	Antimony	7.5
		Arsenic	4.0
		Barium	160
		Beryllium	<0.4
		Cadmium	0.8
		Chromium	72
		Cobalt	20
		Copper	34
		Lead	85
		Mercury	0.15
		Molybdenum	<1.0
		Nickel	86
		Selenium	<2.0
		Silver	<1.0
		Thallium	<2.0
		Vanadium	58
		Zinc	110
Stockpile No. 4	10/21/03	Antimony	6.1
		Arsenic	4.0
		Barium	180
		Beryllium	<0.4

**Table 10: Summary of Stockpile Composite Sample
Analytical Results – Metals^(a)**

Sample Identification	Date Sampled	Analytical Results mg/kg ^(b)	
		Analyte	Results
Stockpile No. 4 (cont'd)	10/21/03	Cadmium	0.7
		Chromium	76
		Cobalt	18
		Copper	61
		Lead	45
		Mercury	0.070
		Molybdenum	<1.0
		Nickel	94
		Selenium	<2.0
		Silver	<1.0
		Thallium	<2.0
		Vanadium	59
		Zinc	90
Stockpile No. 5	10/22/03	Antimony	7.1
		Arsenic	3.3
		Barium	170
		Beryllium	<0.4
		Cadmium	0.7
		Chromium	97
		Cobalt	23
		Copper	35
		Lead	10
		Mercury	0.039
		Molybdenum	<1.0
		Nickel	150
		Selenium	<2.0
		Silver	<1.0
		Thallium	<2.0

**Table 10: Summary of Stockpile Composite Sample
Analytical Results – Metals^(a)**

Sample Identification	Date Sampled	Analytical Results mg/kg ^(b)	
		Analyte	Results
Stockpile No. 5 (cont'd)	10/22/03	Vanadium	67
		Zinc	63
Stockpile No. 6	10/24/03	Antimony	7.4
		Arsenic	4.9
		Barium	160
		Beryllium	<0.3
		Cadmium	0.8
		Chromium	80
		Cobalt	19
		Copper	35
		Lead	41
		Mercury	0.14
		Molybdenum	<1.0
		Nickel	110
		Selenium	<2.0
		Silver	<1.0
		Thallium	<2.0
		Vanadium	62
		Zinc	74
Stockpile No. 7	10/24/03	Antimony	6.0
		Arsenic	2.3
		Barium	160
		Beryllium	<0.3
		Cadmium	0.7
		Chromium	70
		Cobalt	17
		Copper	37
		Lead	23

**Table 10: Summary of Stockpile Composite Sample
Analytical Results – Metals^(a)**

Sample Identification	Date Sampled	Analytical Results mg/kg ^(b)	
		Analyte	Results
Stockpile No. 7 (cont'd)	10/24/03	Mercury	0.064
		Molybdenum	<1.0
		Nickel	94
		Selenium	<2.0
		Silver	<1.0
		Thallium	<2.0
		Vanadium	49
		Zinc	64
Stockpile No. 8		Antimony	
		Arsenic	
		Barium	
		Beryllium	
		Cadmium	
		Chromium	
		Cobalt	
		Copper	
		Lead	
		Mercury	
		Molybdenum	
		Nickel	
		Selenium	
		Silver	
		Thallium	
		Vanadium	
		Zinc	

(a) Metal analysis by EPA Method 6010; Mercury by EPA Method 7470A.

(b) mg/kg = milligrams per kilogram.

(c) < = Analyte not detected at, or above, stated laboratory reporting limit.

**Table 11: Summary of Stockpile Composite Sample
Analytical Results –
WET Analysis, Selected Metals^(a)**

Sample Identification	Date Sampled	Analytical Results mg/l ^(b)	
		Analyte	Results
Stockpile No. 1	10/17/03	Antimony	<0.2 ^(c)
		Chromium	0.3
		Lead	1.0
		Mercury	<0.00025
		Nickel	2.0
		Vanadium	0.4
Stockpile No. 2	10/20/03	Antimony	<0.2
		Chromium	<0.2
		Lead	<0.2
		Mercury	<0.00025
		Nickel	2.6
		Vanadium	0.4
Stockpile No. 3	10/21/03	Antimony	<0.2
		Chromium	0.2
		Lead	1.3
		Mercury	<0.00025
		Nickel	1.1
		Vanadium	<0.4
Stockpile No. 4	12/21/03	Antimony	<0.2
		Chromium	0.5
		Lead	0.5
		Mercury	<0.00025
		Nickel	2.2
		Vanadium	1.0
Stockpile No. 5	10/22/03	Antimony	<0.2
		Chromium	0.3
		Lead	<0.2
		Mercury	<0.00025

**Table 11: Summary of Stockpile Composite Sample
Analytical Results –
WET Analysis, Selected Metals^(a)**

Sample Identification	Date Sampled	Analytical Results mg/l ^(b)	
		Analyte	Results
Stockpile No. 5 (cont'd)	10/22/03	Nickel	1.9
		Vanadium	0.6
Stockpile No. 6	10/24/03	Antimony	<0.2
		Chromium	<0.2
		Lead	0.3
		Mercury	<0.00025
		Nickel	1.2
		Vanadium	0.5
Stockpile No. 7	10/24/03	Antimony	<0.2
		Chromium	<0.2
		Lead	0.4
		Mercury	<0.00025
		Nickel	1.5
		Vanadium	<0.4
Stockpile No. 8	10/29/03	Antimony	<0.2
		Chromium	<0.2
		Lead	<0.2
		Mercury	<0.00025
		Nickel	1.9
		Vanadium	0.4
Stockpile No. 9	10/29/03	Antimony	<0.2
		Chromium	<0.2
		Lead	0.7
		Mercury	<0.00025
		Nickel	1.3
		Vanadium	<0.4
Stockpile No. 10	10/29/03	Antimony	<0.2
		Chromium	<0.2
		Lead	<0.2

**Table 11: Summary of Stockpile Composite Sample
Analytical Results –
WET Analysis, Selected Metals^(a)**

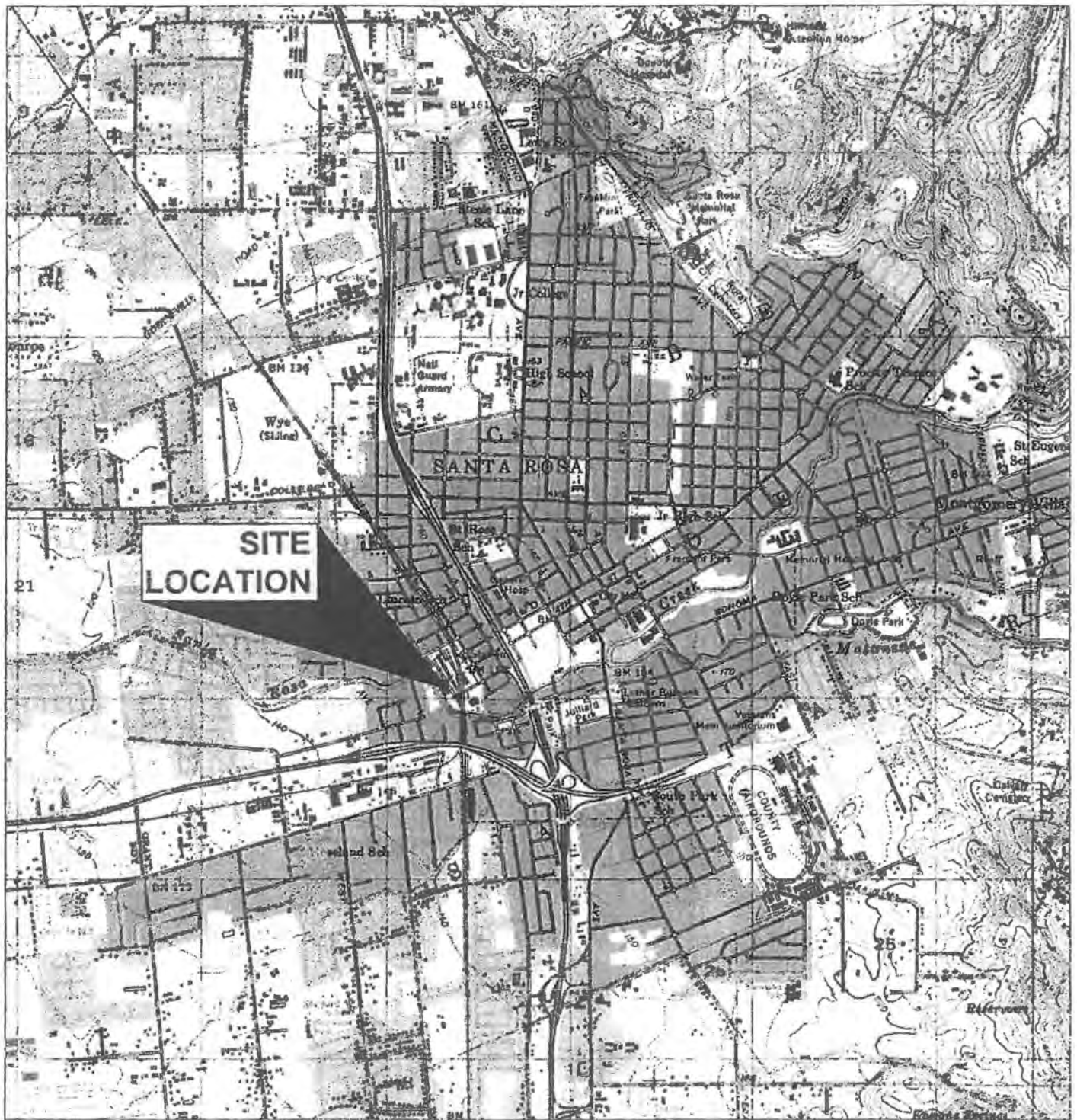
Sample Identification	Date Sampled	Analytical Results mg/l ^(b)	
		Analyte	Results
Stockpile No. 10 (cont'd)	10/29/03	Mercury	<0.00025
		Nickel	1.7
		Vanadium	<0.4
Stockpile No. 12	10/31/03	Antimony	<0.2
		Chromium	<0.2
		Lead	<0.2
		Mercury	0.0034
		Nickel	1.6
Stockpile No. 13	10/21/03	Vanadium	<0.4
		Lead	1.4

(a) Waste extraction test by EPA Method 6010; mercury analysis by EPA Method 7471A.

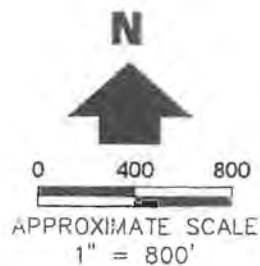
(b) mg/l = milligrams per liter.

(c) < = Analyte not detected at or above stated laboratory reporting limit.

Figures



SOURCE: (MAPTECH 1997)



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UNION PACIFIC RAILROAD COMPANY
SANTA ROSA STATION
SOURCE AREA REMOVAL REPORT

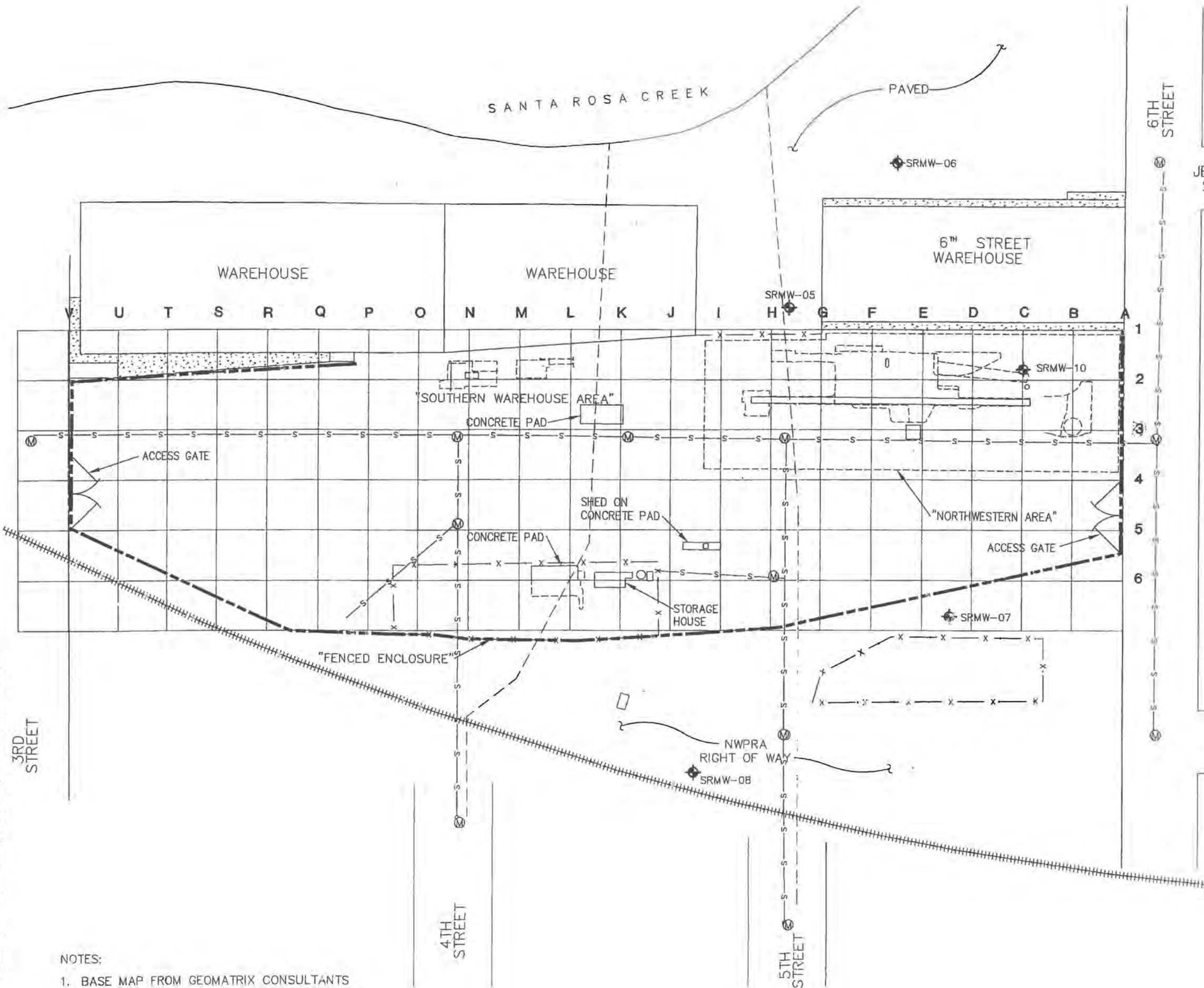
SITE LOCATION MAP

JANUARY 2004

Figure 1

K/J 032777.14

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NOTES:
1. BASE MAP FROM GEOMATRIX CONSULTANTS

LEGEND
(FOR FIGURES 4 TO 14)

A, B, C... 1, 2, 3 CONTROL GRID DESIGNATIONS

SRMW-10 MONITORING WELL LOCATION AND DESIGNATION

--- SITE CHAIN LINK FENCE BOUNDARY

RAILROAD TRACK

- x - x - x - CHAIN LINK FENCE

- - - - - CITY OF SANTA ROSA STORM WATER LINE

- s - s - s - CITY OF SANTA ROSA SEWER LINES

MANHOLE

--- APPROXIMATE LIMITS OF EXCAVATION

SRB 82 SOIL BORING LOCATION BY OTHERS

X25 SOURCE AREA EXCAVATION SAMPLING LOCATION

X78C SOURCE AREA EXCAVATION CONFIRMATION SAMPLING LOCATION

X26 ADDITIONAL EXCAVATION CONDUCTED AFTER COLLECTION OF SAMPLE

+ SRB114 SOURCE AREA INVESTIGATION SOIL BORING LOCATION

APPROXIMATE DEPTH OF EXCAVATION

VI VISUAL IMPACTS DETECTED AT STATED DEPTH INTERVAL

DATA NOT AVAILABLE

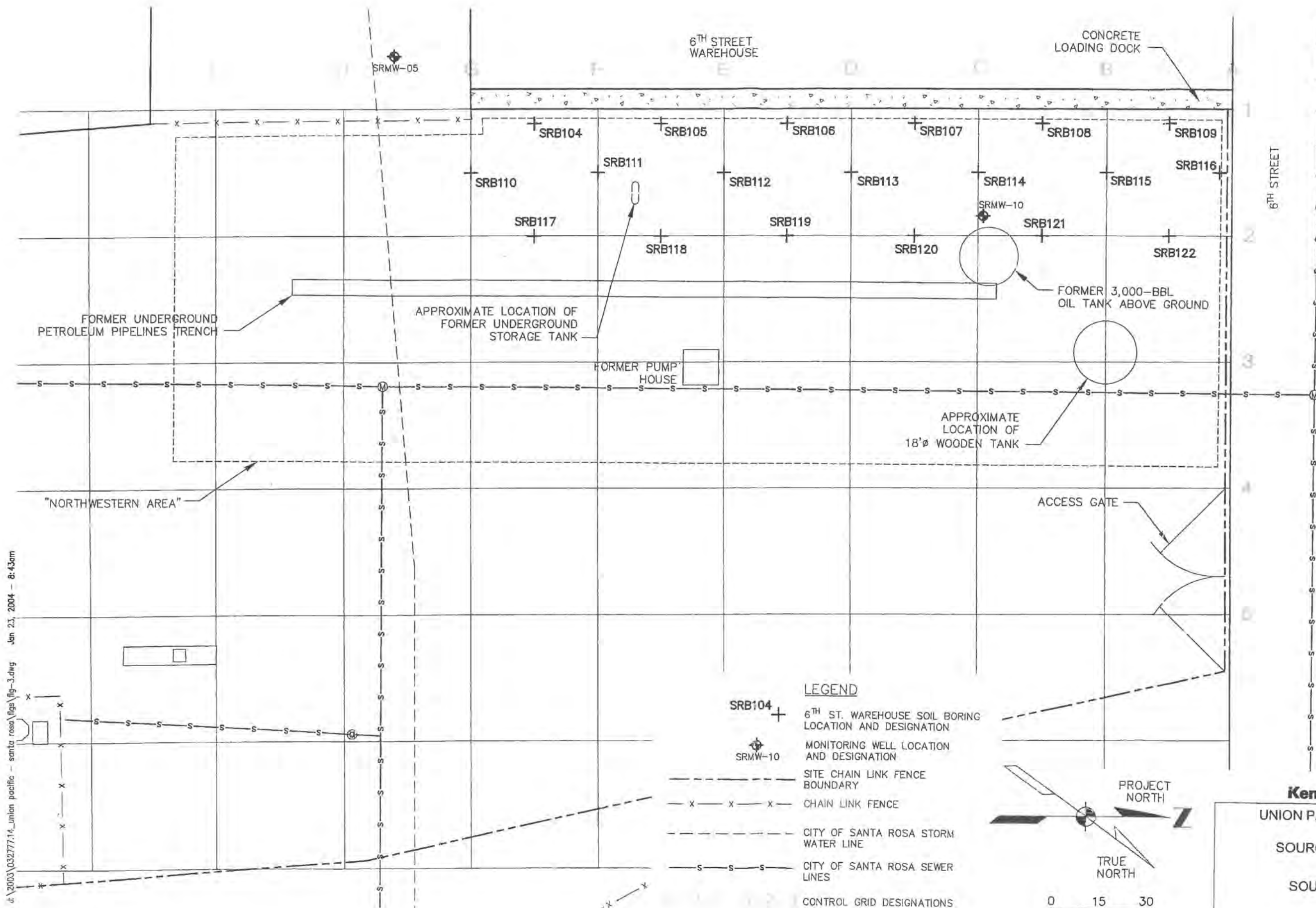
PROJECT NORTH

TRUE NORTH

0 40 80
1"=80'

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UNION PACIFIC RAILROAD COMPANY
SANTA ROSA STATION
SOURCE AREA REMOVAL REPORT

SITE CONTROL GRID
BASE MAP
JANUARY 2004
Figure 2
K/J 032777.14



NOTES:

1. BASE MAP FROM GEOMATRIX CONSULTANTS

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UNION PACIFIC RAILROAD COMPANY
SANTA ROSA STATION
SOURCE AREA REMOVAL REPORT

6TH STREET WAREHOUSE
SOURCE AREA INVESTIGATION,
SOIL BORING LOCATIONS

JANUARY 2004

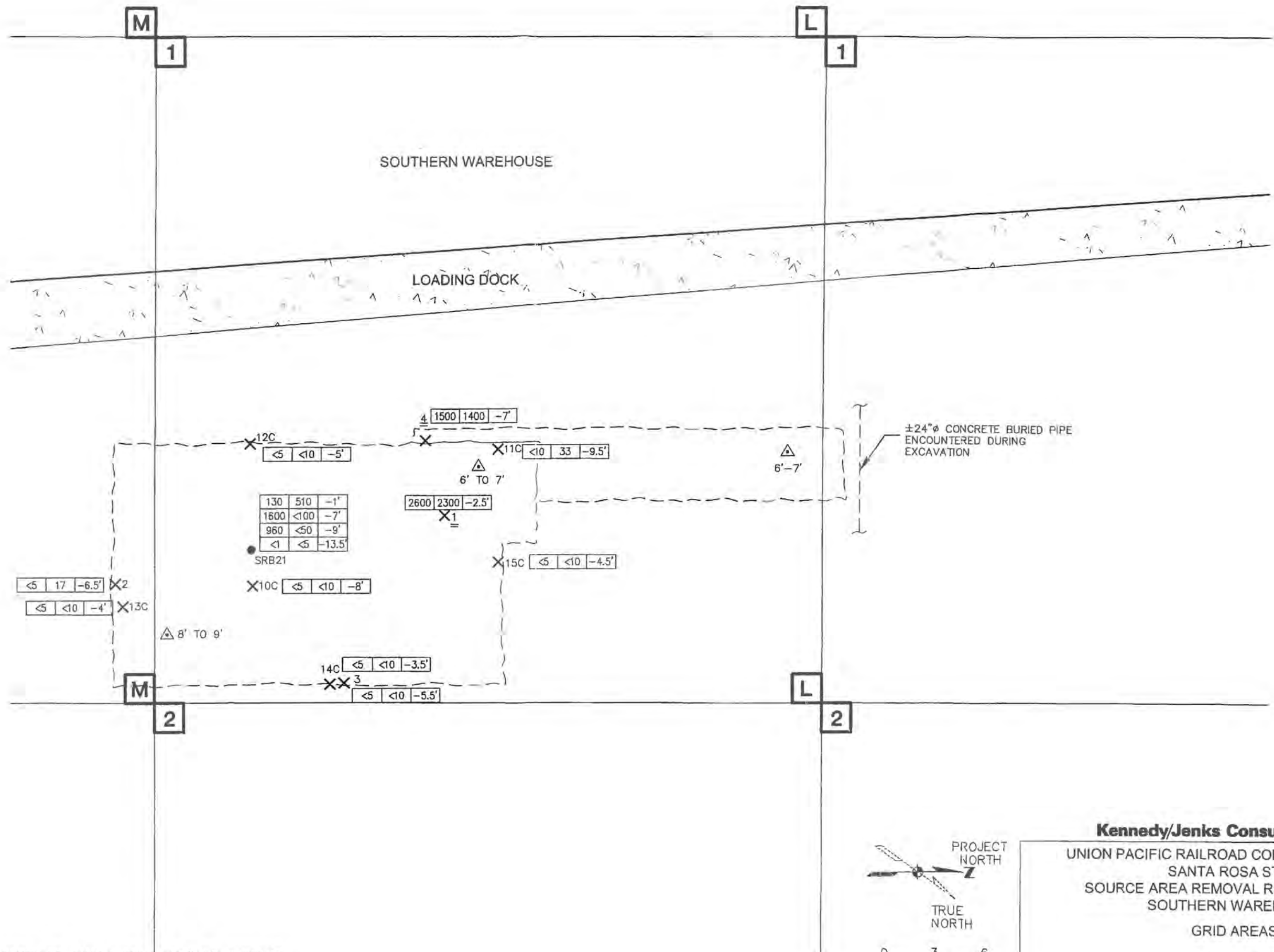
Figure 3

K/J 032777.14

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LEGEND

TPHd TPHmo Depth ← DEPTH OF SAMPLE BELOW GROUND SURFACE
← TPHmo CONCENTRATION IN mg/kg
← TPHd CONCENTRATION IN mg/kg



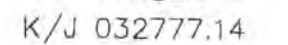
Kennedy/Jenks Consultants

UNION PACIFIC RAILROAD COMPANY
SANTA ROSA STATION
SOURCE AREA REMOVAL REPORT
SOUTHERN WAREHOUSE
GRID AREAS L1-M2

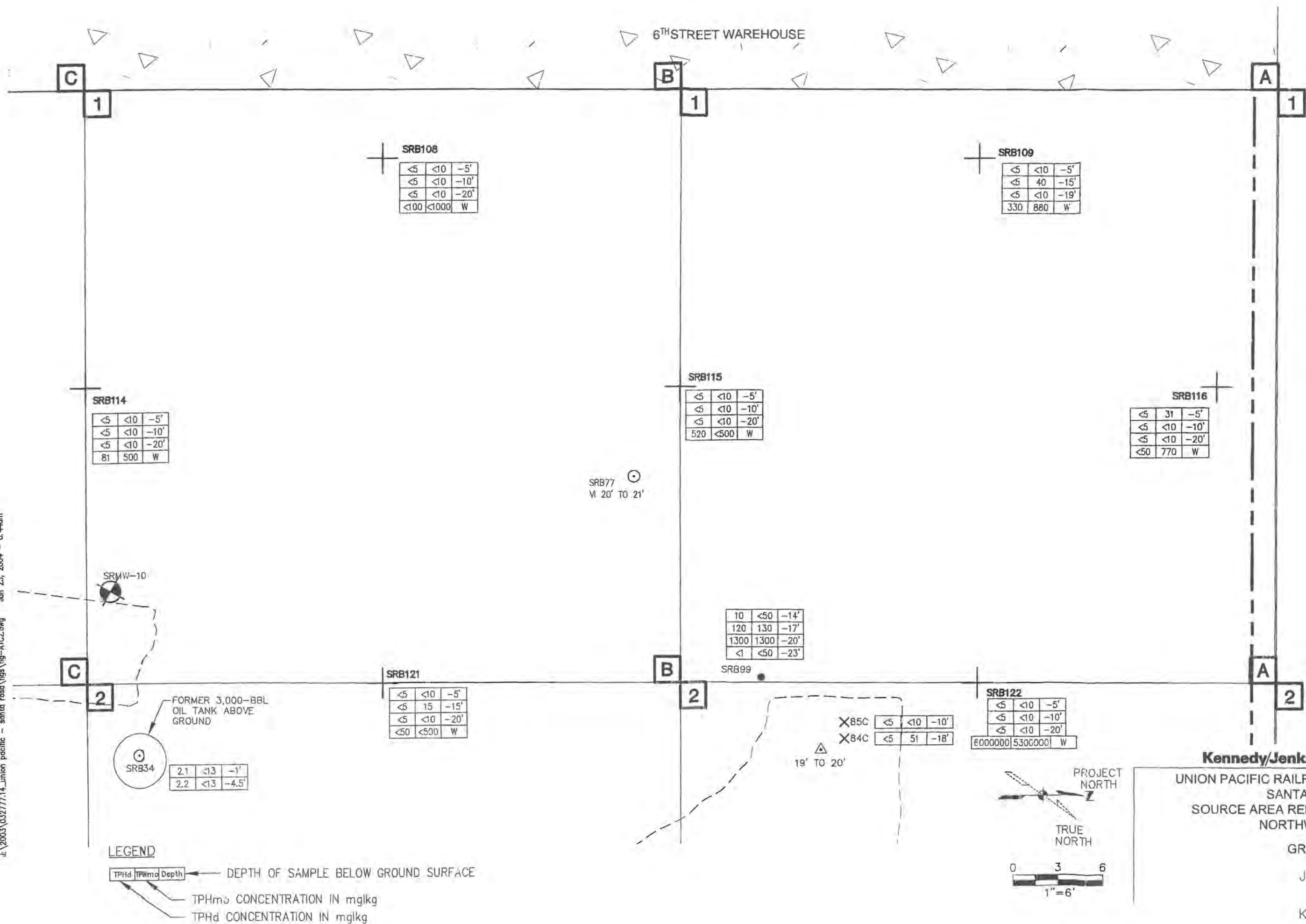
JANUARY 2004

Figure 4

K/J 032777.14

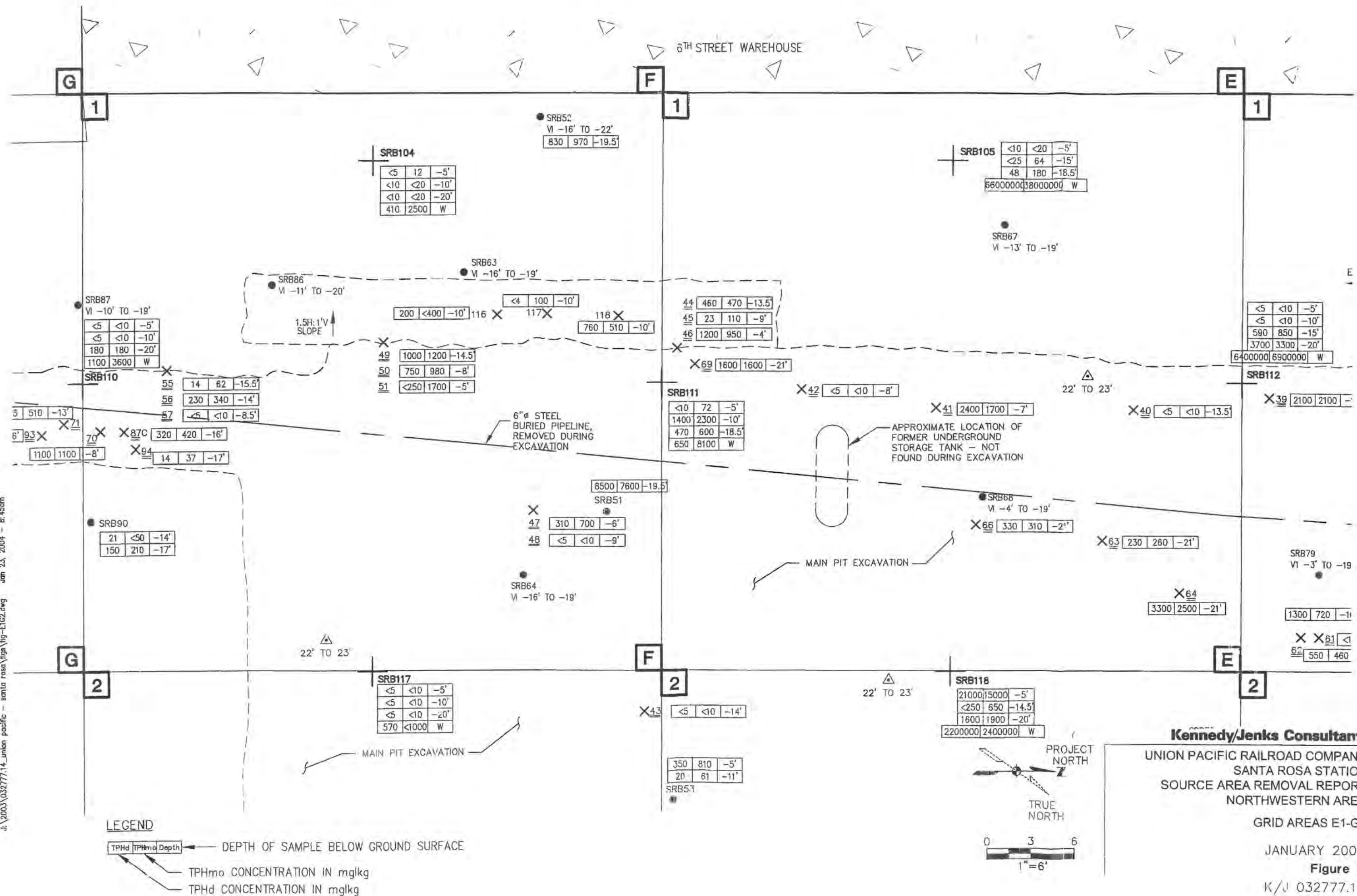


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 SANTA ROSA STATION
 SOURCE AREA REMOVAL REPORT
 NORTHWESTERN AREA
 GRID AREAS A1-C2
 JANUARY 2004
Figure 7
 K/J 032777.14

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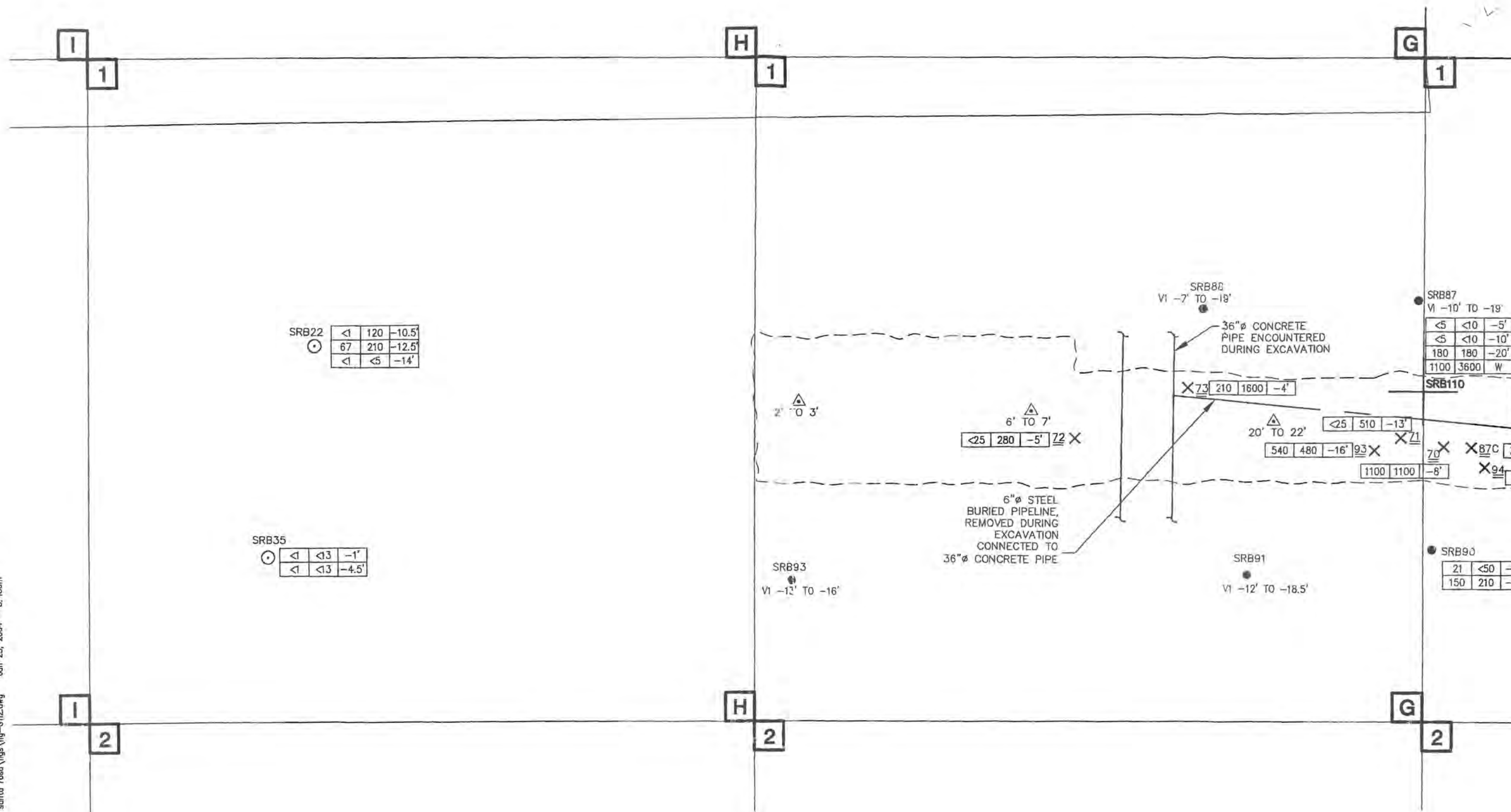
UNION PACIFIC RAILROAD COMPANY
SANTA ROSA STATION
SOURCE AREA REMOVAL REPORT
NORTHWESTERN AREA

GRID AREAS E1-G2

JANUARY 2004

Figure 9

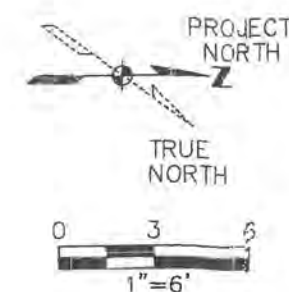
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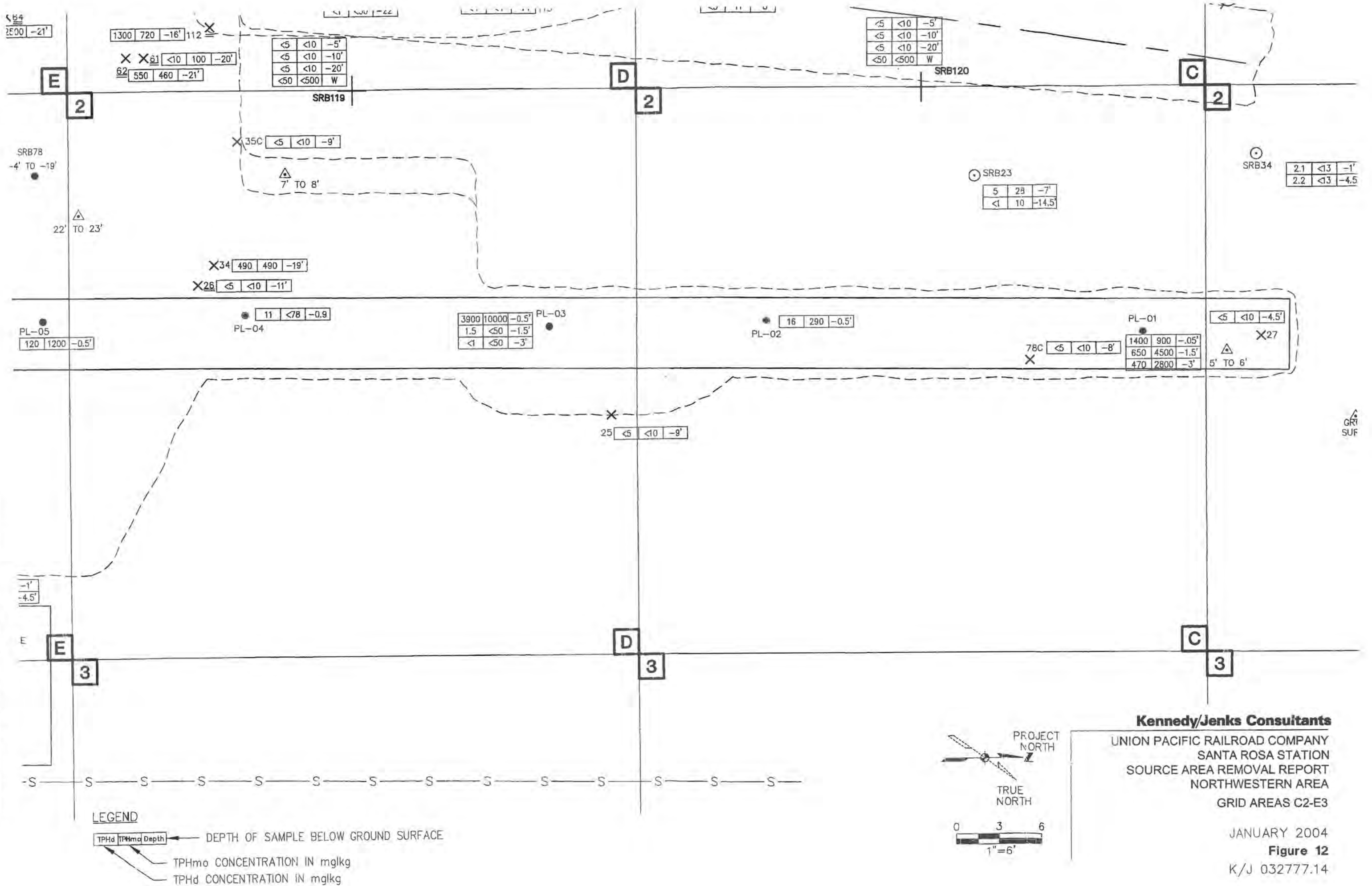
LEGEND

TPHd	TPHmo	Depth
------	-------	-------

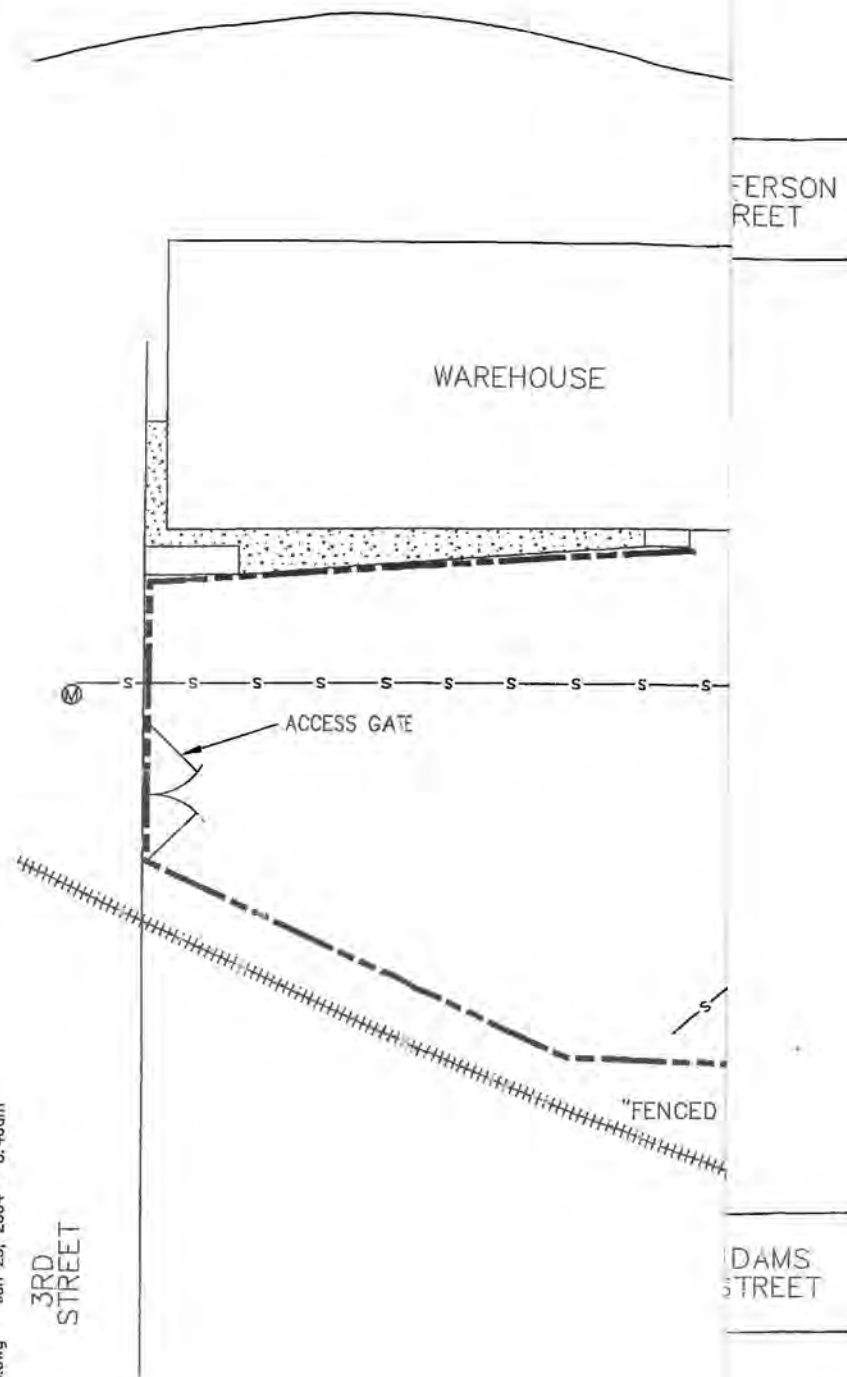
 DEPTH OF SAMPLE BELOW GROUND SURFACE
 TPHmo CONCENTRATION IN mg/kg
 TPHd CONCENTRATION IN mg/kg








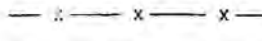



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 UNION PACIFIC RAILROAD COMPANY
 SANTA ROSA STATION
 SOURCE AREA REMOVAL REPORT
 NORTHWESTERN AREA
 GRID AREAS G1-I2
 JANUARY 2004
Figure 10
 K/J 032777.14

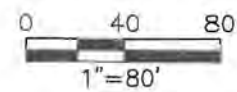
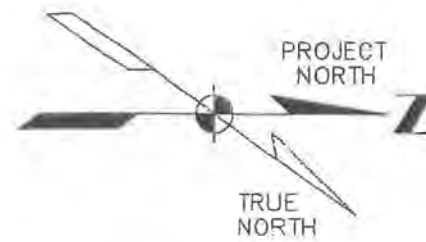


3RD STREET



LEGEND

-  EXISTING MONITORING WELL LOCATION AND DESIGNATION
-  PROPOSED MONITORING WELL LOCATION AND DESIGNATION
-  MANHOLE
-  NWRPA NORTHWEST PACIFIC RAILROAD AUTHORITY
-  SITE CHAIN LINK FENCE BOUNDARY
-  RAILROAD TRACK
-  CHAIN LINK FENCE
-  CITY OF SANTA ROSA STORM WATER LINE
-  CITY OF SANTA ROSA SEWER LINES



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UNION PACIFIC RAILROAD COMPANY
SANTA ROSA STATION
SOURCE AREA REMOVAL REPORT

PROPOSED MONITORING
WELL LOCATIONS

JANUARY 2004

Figure 15

K/J 032777.14

NOTES:

1. BASE MAP FROM GEOMATRIX CONSULTANTS

Appendix A

Copies of the Laboratory Analytical Reports
and Chain-of-Custody Records

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Date Sampled: 10/15/03
Date Received: 10/15/03
Date Analyzed: 10/15,22,23/03

Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3510 / EPA 3630 / EPA 8015m

Client Sample I.D.	SRB-120-5	SRB-120-10	SRB-120-20	SRB-120-W	SRB-119-5	SRB-119-10
LAB. NO.	S1003272	S1003273	S1003275	W1003276	S1003277	S1003278
ANALYTE	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	5.0	ND	5.0	ND	5.0	ND
TPH as Oil	10	ND	10	ND	10	ND

Client Sample I.D.	SRB-119-20	SRB-119-W	SRB-118-5	SRB-118-14.5	SRB-118-20	SRB-118-W
LAB. NO.	S1003280	W1003281	S1003283	S1003285	S1003286	W1003287
ANALYTE	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	5.0	ND	50	ND	250	21000
TPH as Oil	10	ND	500	15000	500	650

Client Sample I.D.	10/15-DUP	SRB-117-5	SRB-117-10	SRB-117-20	SRB-117-W	SRB-110-5
LAB. NO.	W1003288	S1003289	S1003290	S1003292	W1003296A	S1003306
ANALYTE	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	4000	3900000	5.0	ND	5.0	ND
TPH as Oil	40000	4100000	10	ND	10	ND

Client Sample I.D.	SRB-110-10	SRB-110-20	SRB-110-W	SRB-111-5	SRB-111-10	SRB-111-18.5
LAB. NO.	S1003307	S1003309	W1003310	S1003311	S1003312	S1003314
ANALYTE	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	5.0	ND	13	180	100	1100
TPH as Oil	10	ND	25	180	1000	3600

Client Sample I.D.	SRB-111-W	SRB-104-5	SRB-104-10	SRB-104-20	SRB-104-W	SRB-105-5
LAB. NO.	W1003315	S1003316	S1003317	S1003319	W1003320	S1003321
ANALYTE	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	100	650	5.0	ND	10	ND
TPH as Oil	1000	8100	10	12	20	ND

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in µg/L

Soil samples reported in mg/kg

Soil samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/15/03
Date Reported

EXCELCHEM ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Date Sampled: 10/15/03
Date Received: 10/15/03
Date Analyzed: 10/15,22,23/03

Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3510 / EPA 3630 / EPA 8015m

Client Sample I.D.	SRB-105-15	SRB-105-18.5	SRB-105-W	SRB-106-5	SRB-106-15	SRB-106-20
LAB. NO.	S1003323	S1003324	W1003325	S1003326	S1003328	S1003329
ANALYTE	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	25	ND	50	48	20000	66000000
TPH as Oil	50	64	100	180	200000	38000000

Client Sample I.D.	SRB-106-W		SRB-109-5		SRB-109-15		SSRB-109-19		SRB-109-W	
LAB. NO.	W1003330		S1003331		S1003333		S1003334		W1003335	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	4000	6300000	5.0	ND	5.0	ND	5.0	ND	100	330
TPH as Oil	40000	12000000	10	ND	10	ND	10	ND	1000	830

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in µg/L

Soil samples reported in mg/kg

Soil samples were analyzed at Excelchem's mobile facility.

Soil QA/QC %RECOVERY		
	LCS	LCSD
TPH as Oil	102	113

QA/QC Analyzed: 11/15/03

Water QA/QC %RECOVERY		
	LCS	LCSD
TPH as Diesel	113	114
TPH as Oil	133	126

QA/QC Analyzed: 10/23/03

Water QA/QC %RECOVERY		
	LCS	LCSD
TPH as Diesel	80	78
TPH as Oil	73	91

QA/QC Analyzed: 10/23/03


Laboratory Representative

10/15/03
Date Reported

EXCELCHEM ENVIRONMENTAL LABS IS CERTIFIED BY THE STATE OF CALIFORNIA
DEPARTMENT OF HEALTH SERVICES AS A HAZARDOUS WASTE TESTING LABORATORY
(Certification No. 2119)

Excelcher

Environmental Labs

Project Manager:

Jim Curtis

Company/Address: Kennedy/Jenks
3336 Bradshaw #140
Sacramento 95827

Project Number/P.O#:

032777.14

Project Location:

Santa Rosa Sta

500 Giuseppe Court, Suite 3
Roseville, CA 95678
Ph: 916-773-3664 Fx: 916-773-4784

Phone #:

916-362-3251

Fax #:

916-362-9915

Project Name:

Santa Rosa Sta

Sampler Signature:

[Signature]

CHAI F-CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

Jim Curtis @ Kennedy Jenks. com

1003080

ANALYSIS REQUEST

Page 1 of 5

Sample ID	Sampling		Container				Method Preserved				Matrix			BTEX/TPH as Gasoline (608/8081A)	MTBE (8020/8260B)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18)	Pesticides (608/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8260B)	Lead Scavengers DCA/EDC	Semi VOC Full List (8270)	CAM 17 Metals	Lead	Cd, Cr, Pb, Zn, Ni (CAM 5)	Silver Gel					Requested TAT: 12hr/24hr		LAB USE ONLY:
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	HCl	HNO3	ICE	NONE	WATER	SOIL	AIR																							
RB-120-5	10/15/03	0844		X												X	X												X							S1003272
RB-120-10		0845		X												X	X												X							S1003273
RB-120-15		0850		X																																S1003274
RB-120-20		0858		X												X	X												X							S1003275
RB-120-W		0905			X											X	X												X							W1003276
RB-119-5		0920		X												X	X												X							S1003277
RB-119-10		0924		X												X	X												X							S1003278
RB-119-15		0928		X																																S1003279
RB-119-20		0930		X												X	X												X							S1003280
RB-119-W	✓	0959			X											X	X												X							W1003281

Relinquished by:

[Signature]

Date 10/15/03 Time 1750

Received by:

[Signature]

Remarks/Condition of Sample:

Samples rec'd throughout day at on-site mobile lab

Relinquished by:

Date Time

Received by:

Relinquished by:

Date 10/15/03 Time

Received by Laboratory:

[Signature]

Bill To:

Kennedy/Jenks

Excelchem

Environmental Labs

Project Manager:

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Ph: 916-773-3664 Fx: 916-773-4784

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

Company/Address:

3336 Brookshaw #140
Sacramento

Fax #:

916-362-9915

ANALYSIS REQUEST

Page 2 of 5

Project Number/P.O.#:

032777.14

Project Name:

Santa Rosa Sta

Project Location:

Santa Rosa Sta

Sampler Signature:

[Signature]

Sample ID	Sampling		Container				Method Preserved				Matrix			BTEX/TPH as Gasoline (8015/8015)	MTBE (8020/8260B)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18)	Pesticides (608/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8015)	Lead Scavengers DCA/EDC	Semi VOC Full List (8270)	CAM 17 Metals	Lead	Cd, Cr, Pb, Zn, Ni (CAM 5)	Si/Li/Gel Cleanup				Requested TAT: 12hr/24hr		LAB USE ONLY:	
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	HCl	HNO3	ICE	NONE	WATER	SOIL	AIR																							
RB-118-5	10/5/03	1024		X					X			X				X	X												X							S1003283
RB-118-10	10/5/03	1019		X					X			X				X	X	H2O											X							S1003284
RB-118-14.5		1024		X					X			X				X	X												X							S1003285
RB-118-20		1035		X					X			X				X	X												X							S1003286
RB-118-W		1050			X				X		X					X	X												X							W1003287
10/15-01P		1055			X				X		X					X	X												X							W1003288
RB-117-5		1115		X					X			X				X	X												X							S1003289
RB-117-10		1119		X					X							X	X												X							S1003290
RB-117-15		1120		X					X			X																								S1003291
RB-117-20		1133		X					X			X				X	X												X							S1003292

Relinquished by:

[Signature]

Date
10/15/2003

Time
1750

Received by:

[Signature]

Remarks/Condition of Sample:

samples rec'd by mobile lab throughout day

Relinquished by:

Date

Time

Received by:

[Signature]

Relinquished by:

Date

Time

Received by Laboratory:

[Signature]

Bill To:

Kennedy/Jenks

Excelcher

Environmental Labs

Project Manager:

*Jim Curtis
Kennedy/Jents*

Company/Address:

*3336 Bradshaw #40
Sacramento*

Project Number/P.O.#:

032777.14

Project Location:

Santa Rosa Sta

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Ph: 916-773-3664 Fx: 916-773-4784

Phone #:

916-362-3251

Fax #:

916-362-9915

Project Name:

Santa Rosa Sta

Sample Signature:

Mike McLeod

CHAI F-CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

ANALYSIS REQUEST

Page *3* of *5*

BTEX/TPH as Gasoline (802/8020/8015)		MTBE (8020/8260B)		TPH as Diesel (8015m)		TPH as Oil (8015m)		Total Oil & Grease (SM-18th Ed 5520B,F)/166		Pesticides (608/8081A)		PCBs (8082)		VOC Full list (8260B)		5 Oxygenates (8260B)		Methanol/Ethanol (8015/8260)		Lead Scavengers DCA/EDB (8260B)		Semi VOC Full List (8270C)		CAM 17 Metals		Lead		Cd, Cr, Pb, Zn, Ni (CAM 5)		Silica Gel Cleanup		Wet		Total		Requested TAT: 12hr/24hr/48hr/72hr/1wk		Bin#		Due Date:		LAB USE ONLY:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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Relinquished by:

Mike McLeod

Date

10/15/2003

Time

1350

Received by:

Remarks/Condition of Sample:

Samples rec'd throughout day by mobile lab

Relinquished by:

Date

10/15/03

Time

1

Received by:

Bill To:

Kennedy/Jents

Relinquished by:

Date

10/15/03

Time

1

Received by Laboratory:

Project Manager:

Phone #:

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:

Global I.D.#:

Email Address:

COC #:

Location I.D.#:

Company/Address:

Fax #:

ANALYSIS REQUEST

Page 4 of 5

Project Number/P.O.#:

Project Name:

Bin#

Project Location:

Sampler Signature:

Due Date:

Requested TAT: 12hr/24hr/48hr/72hr/1wk

LAB USE ONLY:

Sample ID	Sampling		Container				Method Preserved				Matrix			BTEX/TPH as Gasoline (8020/8260B)		TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18)	Pesticides (808/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8260B)	Lead Scavengers DCA/EDC	Semi VOC Full List (8270C)	CAM 17 Metals	Lead	Cd, Cr, Pb, Zn, Ni (CAM 5)	Silver (2d Clk)	Requested TAT: 12hr/24hr	LAB USE ONLY:	
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	HCl	HNO3	ICE	NONE	WATER	SOIL	AIR																			
RB-111-W	10/15/2003	1357			X				X		X				X	X												X				W1003315
RB-104-5		1421		X					X			X			X	X												X				S1003316
RB-104-10		1423		X					X			X			X	X												X				S1003317
RB-104-15		1426		X					X			X																			HOLD	S1003318
RB-104-20		1431		X					X			X			X	X												X				S1003319
RB-104-W		1434			X				X		X				X	X												X				W1003320
RB-105-5		1459		X					X			X			X	X												X				S1003321
RB-105-10		1501		X					X			X																			HOLD	S1003322
RB-105-15		1504		X					X			X			X	X												X				S1003323
RB-105-18.5		1511		X					X			X			X	X												X				S1003324

Relinquished by:

Date
10/15/2003Time
1750

Received by:

Remarks/Condition of Sample:

Relinquished by:

Date

Time

Received by:

Relinquished by:

Date

Time

Received by Laboratory:

Bill To:

Kennedy Jenks

Excelche**Environmental Labs**

Project Manager:

*Jim Curtis
Kennedy/Jerks*

Company/Address:

*5336 Broadshaw
Sacramento*

Project Number/P.O.#:

032777.14

Project Location:

Santa Rosa

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Ph: 916-773-3664 Fx: 916-773-4784

Phone #:

916-362-3251

Fax #:

916-362-9915

Project Name:

Santa Rosa Sta

Sample Signature:

*Mike McL***CHA F-CUSTODY RECORD AND ANALYSIS REQUEST**

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

ANALYSIS REQUESTPage *5* of *5*

BTEX/TPH as Gasoline (802/8020/8015)		MTBE (8020/8260B)		TPH as Diesel (8015m)		TPH as Oil (8015m)		Total Oil & Grease (SM-18th Ed 5520B.F)/166		Pesticides (608/8081A)		PCBs (8082)		VOC Full list (8260B)		5 Oxygenates (8260B)		Methanol/Ethanol (8015/8260)		Lead Scavengers DCA/EDB (8260B)		Semi VOC Full List (8270C)		CAM 17 Metals		Lead		Cd, Cr, Pb, Zn, Ni (CAM 5)		SILICA BEL		Requested TAT: 12hr/24hr/48hr/72hr/1wk		Bin#		Due Date:		LAB USE ONLY:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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Relinquished by:

Mike McL

Date

10/15/03

Time

1750

Received by:

[Signature]

Remarks/Condition of Sample:

Samples rec'd by lab throughout day

Relinquished by:

Date

Time

Received by:

Relinquished by:

Date

10/15/03

Time

Received by Laboratory:

[Signature]

Bill To:

Kennedy/Jerks

EXCELICHEM
ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Project: Santa Rosa Station / 032777.14

Method: EPA 3550 / EPA 3510 / EPA 3630 / EPA 8015m

Date Sampled:

10/14/03

Date Received:

10/14/03

Date Analyzed:

11/15,23/03



Client Sample I.D.	SRB-107-5		SRB-107-15		SRB-107-20		SRB-107	
LAB. NO.	S1003267		S1003269		S1003270		W1003271	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	5.0	ND	5.0	ND	5.0	ND	50	ND
TPH as Oil	10	ND	10	ND	10	ND	500	1000

Soil QA/QC %RECOVERY

	MS	MSD
TPH as Oil	102	113

QA/QC Analyzed: 11/15/03

Water QA/QC %RECOVERY

	LCS	LCSD
TPH as Diesel	113	114
TPH as Oil	133	126

QA/QC Analyzed: 10/23/03

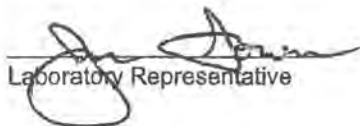
ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in µg/L

Soil samples reported in mg/kg

Soil samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/15/03

Date Reported

Excelcher**Environmental Labs**

Project Manager:

Jim Curtis

Company/Address:

Kennedy / Jents
3336 Bradshaw Rd. #140
Sac. CA. 95827

Project Number/P.O.#:

032777.14

Project Location:

Santa Rosa Station

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Ph: 916-773-3664 Fx: 916-773-4784

Phone #:

(916) 362-3251

Fax #:

(916) 362-9915

Project Name:

Santa Rosa Station

Sampler Signature:

**CHA/ IF-CUSTODY RECORD AND ANALYSIS REQUEST**

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

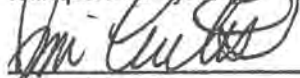
Email Address:

1003080

ANALYSIS REQUESTPage of

BTEX/TPH as Gasoline (802/8020/8015)															MTBE (8020/8260B)															TPH as Diesel (8015m)															TPH as Oil (8015m)															Total Oil & Grease (SM-18th Ed 5520B,F)/166															Pesticides (808/8081A)															PCBs (8082)															VOC Full list (8260B)															5 Oxygenates (8260B)															Methanol/Ethanol (8015/8260)															Lead Scavengers DCA/EDB (8260B)															Semi VOC Full List (8270C)															CAM 17 Metals															Lead															Cd, Cr, Pb, Zn, Ni (CAM 5)															Silver 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Relinquished by:



Date

10/14/03

Time

1734

Received by:

Relinquished by:

Date

Time

Received by:

Relinquished by:

Date

10/14/03

Time

—

Received by Laboratory:



Remarks/Condition of Sample:

Samples rec'd throughout day by mobile lab.

Bill To:

Kennedy / Jents

10-14-03

EXCELCHEM
ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3510 / EPA 3630 / EPA 8015m

Date Sampled: 10/14/03
Date Received: 10/14/03
Date Analyzed: 10/14,22.23/03



Client Sample I.D.	SRB-121-5		SRB-121-15		SRB-121-20		SRB-121	
LAB. NO.	S1003257		S1003259		S1003260		W1003261	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	5.0	ND	5.0	ND	5.0	ND	50	ND
TPH as Oil	10	ND	10	15	10	ND	500	ND

Client Sample I.D.	SRB-108-5		SRB-108-10		SRB-108		SRB-108-20	
LAB. NO.	S1003262		S1003263		W1003264		S1003266	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	5.0	ND	5.0	ND	100	ND	5.0	ND
TPH as Oil	10	ND	10	ND	1000	ND	10	ND

Soil QA/QC %RECOVERY				
	LCS	LCSD	MS	MSD
TPH as Oil	88	88	82	84

QA/QC Analyzed: 10/14/03

Water QA/QC %RECOVERY		
	LCS	LCSD
TPH as Diesel	113	114
TPH as Oil	133	126

QA/QC Analyzed: 10/23/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in µg/L

Soil samples reported in mg/kg

Soil samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/14/03
Date Reported

Excelche

Environmental Labs

Project Manager:

Jim Curtis

Company/Address:

Kennedy/Jenks
3336 Brudshaw Rd. #140
Sec. CA, 95827

Project Number/P.O#:

032777.14

Project Location:

Santa Rosa Station

500 Giuseppe Court, Suite 3
Roseville, CA 95678
Ph: 916-773-3664 Fx: 916-773-4784

Phone #:

(916) 362-3251

Fax #:

(916) 362-9915

Project Name:

Santa Rosa Station

Sampler Signature:

Jim Curtis

CHA F-CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

1003080

ANALYSIS REQUEST

Page of

Sample ID	Sampling		Container				Method Preserved				Matrix			BTEX/TPH as Gasoline (602/8020/8015)	MTBE (8020/8260B)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18th Ed 5520B.F/166)	Pesticides (608/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8260)	Lead Scavengers DCA/EDB (8260B)	Semi VOC Full List (8270C)	CAM 17 Metals	Lead	Cd, Cr, Pb, Zn, Ni (CAM 5)	Wet	Total	Bin#	Due Date:		
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	HCl	HNO3	ICE	NONE	WATER	SOIL	AIR																					
SRB-121-5	10/14/03	1355				✓			✓			✓																						
SRB-121-10	10/14/03	1400				✓			✓			✓																						
SRB-121-15	10/14/03	1407				✓			✓			✓																						
SRB-121-20	10/14/03	1416				✓			✓			✓																						
SRB-121	10/14/03			✓					✓			✓																						
SRB-108-5	10/14/03	1453				✓			✓			✓																						
SRB-108-10	10/14/03	1455				✓			✓			✓																						
SRB-108	10/14/03			✓					✓			✓																						
SRB-108-15	10/14/03	1504				✓			✓			✓																						
SRB-108-20	10/14/03	1504				✓			✓			✓																						
LAB USE ONLY:																																		
Requested TAT: 12hr/24hr																																		

Relinquished by:

Jim Curtis

Date

10/14/03

Time

1734

Received by:

Relinquished by:

Date

Time

Received by:

Relinquished by:

Date

10/14/03

Time

Received by Laboratory:

Jim Curtis

Remarks/Condition of Sample:

Samples read throughout day by mobile lab.

J *82*
10-14-03

Bill To:

Kennedy/Jenks

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Date Sampled: 10/14/03
Date Received: 10/14/03
Date Analyzed: 10/14,22/03

Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3510 / EPA 3630 / EPA 8015m

Client Sample I.D.	SRB-112-5		SRB-112-10		SRB-112-15		SRB-112-20		SRB-112	
LAB. NO.	S1003247		S1003248		S1003249		S1003250		W1003251	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	5.0	ND	5.0	ND	250	590	250	3700	2000	6400000
TPH as Oil	10	ND	10	ND	500	850	500	3300	20000	6900000

Client Sample I.D.	SRB-122-5		SRB-122-10		SRB-122		SRB-122-20	
LAB. NO.	S1003252		S1003253		W1003255		S1003256	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	5.0	ND	5.0	ND	4000	6000000	5.0	ND
TPH as Oil	10	ND	10	ND	40000	5300000	10	ND

Soil QA/QC %RECOVERY				
	LCS	LCSD	MS	MSD
TPH as Oil	88	88	82	84

QA/QC Analyzed: 10/14/03

Water QA/QC %RECOVERY		
	LCS	LCSD
TPH as Diesel	113	114
TPH as Oil	133	126

QA/QC Analyzed: 10/23/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in µg/L

Soil samples reported in mg/kg

Soil samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/14/03
Date Reported

Excelcher

Environmental Labs

Project Manager:

500 Giuseppe Court, Suite 3
Roseville, CA 95678
Ph: 916-773-3664 Fx: 916-773-4784

Company/Address:

Kennedy/Jenks
3336 Bradshaw Rd. #140
Sac. CA, 95827

Project Number/P.O#:

032777.14

Project Location:

Santa Rosa Station

Phone #:

(916) 362-3251

Fax #:

(916) 362-9915

Project Name:

Santa Rosa Station

Sampler Signature:

[Signature]

CHAI F-CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

1003080

ANALYSIS REQUEST

Page 1 of 1

Sample ID	Sampling		Container				Method Preserved				Matrix			BTEX/TPH as Gasoline (6020/8020/8015m)	MTBE (8020/8260B)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18)	Pesticides (608/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8270)	Lead Scavengers DCA/EE	Semi VOC Full List (8270)	CAM 17 Metals	Lead	Cd, Cr, Pb, Zn, Ni (CAM 5)	Silver Gel				Mobile TAT	Requested TAT: 12hr/24hr	LAB USE ONLY:	
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	HCl	HNO3	ICE	NONE	WATER	SOIL	AIR																							
SRB-112-5	10/14/03					✓			✓		✓				✓	✓																		✓		S1003247
SRB-112-10	10/14/03					✓			✓		✓				✓	✓																		✓		S1003248
SRB-112-15	10/14/03					✓			✓		✓				✓	✓																		✓		S1003249
SRB-112-20	10/14/03					✓			✓		✓				✓	✓																		✓		S1003250
SRB-112	10/14/03				✓				✓		✓				✓	✓																		✓		W1003251
SRB-112-5	10/14/03	1309				✓			✓		✓				✓	✓																		✓		S1003252
SRB-112-10	10/14/03	1312				✓			✓		✓				✓	✓																		✓		S1003253
SRB-112-15	10/14/03	1322				✓			✓		✓				✓	✓																		Hold		S1003254
SRB-112	10/14/03				✓				✓		✓				✓	✓																		✓		W1003255
SRB-112-20	10/14/03	1338				✓			✓		✓				✓	✓																		✓		S1003256

Relinquished by:	Date	Time	Received by:	Remarks/Condition of Sample:
<i>[Signature]</i>	10/14/03	1734		Samples rec'd throughout day by mobile lab.
Relinquished by:	Date	Time	Received by:	
Relinquished by:	Date	Time	Received by Laboratory:	Bill To:
	10/14/03		<i>[Signature]</i>	Kennedy/Jenks

EXCELCHEM ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Date Sampled: 10/14/03
Date Received: 10/14/03
Date Analyzed: 10/14,21,22/03

Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3510 / EPA 3630 / EPA 8015m

Client Sample I.D.	SRB-114-5		SRB-114-10		SRB-114		SRB-114-20		SRB-113-5	
LAB. NO.	S1003232		S1003233		W1003234		S1003236		S1003237	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	5.0	ND	5.0	ND	50	81	5.0	ND	250	1400
TPH as Oil	10	ND	10	ND	500	ND	10	ND	500	1400

Client Sample I.D.	SRB-113-10		SRB-113-15		SRB-113-20		SRB-113	
LAB. NO.	S1003238		S1003239		S1003240		W1003241	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	250	3000	40	48	130	1000	50	830
TPH as Oil	500	3500	80	360	250	1200	500	1300

Soil QA/QC %RECOVERY				
	LCS	LCSD	MS	MSD
TPH as Oil	88	88	82	84

QA/QC Analyzed: 10/14/03

Water QA/QC %RECOVERY		
	LCS	LCSD
TPH as Diesel	113	114
TPH as Oil	133	126

QA/QC Analyzed: 10/23/03

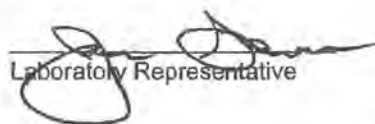
ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in µg/L

Soil samples reported in mg/kg

Soil samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/14/03
Date Reported

Excelcher

Environmental Labs

Project Manager:

Jim Curtis

Company/Address:

Kennedy / Jenks
3336 Bradshaw Rd, #140
Sac, CA. 95827

Project Number/P.O#:

032777.14

Project Location:

Santa Rosa Station

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Ph: 916-773-3664 Fx: 916-773-4784

Phone #:

(916) 362-3251

Fax #:

(916) 362-9915

Project Name:

Santa Rosa Station

Sampler Signature:

Jim Curtis

CHAI F-CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

1003080

ANALYSIS REQUEST

Page of

Sample ID	Sampling		Container				Method Preserved				Matrix			BTEX/TPH as Gasoline (802/8020/8015)	MTBE (8020/8260B)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18th Ed 5520B,F)/166	Pesticides (608/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8260)	Lead Scavengers DCA/EDB (8260B)	Semi VOC Full List (8270C)	CAM 17 Metals	Lead	Cd, Cr, Pb, Zn, Ni (CAM 5)	Silica Gel Wash	Mobile TAT	Requested TAT: 12hr/24hr/48hr/72hr/1wk	Bin#	Due Date:	LAB USE ONLY:
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	HCl	HNO3	ICE	NONE	WATER	SOIL	AIR																					
RB-14-5	10/14/03	1010				✓			✓			✓				✓	✓														✓		51003232	
RB-14-10	10/14/03	1024				✓			✓			✓				✓	✓														✓		51003233	
RB-14-15	10/14/03	1038			✓						✓					✓	✓															✓	51003234	
RB-14-20	10/14/03	1038				✓			✓			✓				✓	✓														✓		51003235	
RB-13-5	10/14/03	1107				✓			✓			✓				✓	✓														✓		51003236	
RB-13-10	10/14/03	1110				✓			✓			✓				✓	✓														✓		51003237	
RB-13-15	10/14/03	1127				✓			✓			✓				✓	✓														✓		51003238	
RB-13-20	10/14/03	1141				✓			✓			✓				✓	✓														✓		51003239	
SRB-113	10/14/03	1141		✓												✓	✓														✓		51003240	

Relinquished by:	Date	Time	Received by:	Remarks/Condition of Sample:
<i>Jim Curtis</i>	10/14/03	1734		Samples rec'd throughout day by mobile lab.
Relinquished by:	Date	Time	Received by:	
Relinquished by:	Date	Time	Received by Laboratory:	Bill To:
	10/14/03		<i>Jim Curtis</i>	Kennedy / Jenks

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Project: Santa Rosa Station / 032777.14

Method: EPA 3550 / EPA 3510 / EPA 3630 / EPA 8015m

Date Sampled:

Date Received:

Date Analyzed:

10/14/03

10/14/03

10/14,21/03



Client Sample I.D.	SRB-116-5		SRB-116-10		SRB-116		SRB-116-20	
LAB. NO.	S1003220		S1003221		W1003222		S1003224	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	5.0	ND	5.0	ND	50	ND	5.0	ND
TPH as Oil	10	31	10	ND	500	770	10	ND

Client Sample I.D.	SRB-115-5		SRB-115-10		SRB-115		SRB-115-20	
LAB. NO.	S1003225		S1003226		W1003227		S1003229	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	5.0	ND	5.0	ND	50	520	5.0	ND
TPH as Oil	10	ND	10	ND	500	ND	10	ND

Soil QA/QC %RECOVERY				
	LCS	LCSD	MS	MSD
TPH as Oil	88	88	82	84

QA/QC Analyzed: 10/14/03

Water QA/QC %RECOVERY		
	LCS	LCSD
TPH as Diesel	113	114
TPH as Oil	133	126

QA/QC Analyzed: 10/23/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in µg/L

Soil samples reported in mg/kg

Soil samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/14/03

Date Reported

Excelcher

500 Giuseppe Court, Suite 3
Roseville, CA 95678
Ph: 916-773-3664 Fx: 916-773-4784

Environmental Labs

Project Manager: Jim Curtis
Kennedy/Jenks Consultants

Phone #: 916 362-3251

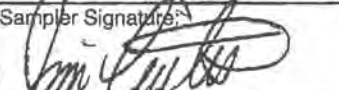
Company/Address:
3336 Bradshaw Rd #140
Sacramento CA 95827

Fax #: 916 362-9915

Project Number/P.O.#:
082777.14

Project Name:
Santa Rosa
Pump Station

Project Location:
Santa Rosa Station

Sampler Signature:


CHAI F-CUSTODY RECORD AND ANALYSIS REQUEST

1003080

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

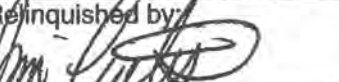
Email Address:

JimCurtis@KennedyJenks.com

ANALYSIS REQUEST

Page of

Project Number/P.O#: 032777,14			Project Name: Santa Rosa Station																										
Project Location: Santa Rosa Station			Sampler Signature: 																										
Sample ID	Sampling		Container		Method Preserved		Matrix		BTEX/TPH as Gasoline (602/8020/8015)	MTBE (8020/8260B)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18th Ed 5520B, Fy/166)	Pesticides (608/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8260)	Lead Scavengers DCA/EDB (8260B)	Semi VOC Full List (8270C)	Wet		Cd, Cr, Pb, Zn, Ni (CAM 5)	Moisture TAT	Requested TAT: 12hr/24hr/48hr/72hr/1wk	Bin#	Due Date:		
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	HCl	HNO3													ICE	NONE						WATER	SOIL
SRB-116-5	10/14	0827				✓			✓		✓															X	51003220		
SRB-116-10	10/14	0847				✓			✓		✓															X	51003221		
SRB-116	10/14				✓				✓		✓															X	51003222		
SRB-116-5	10/14	0901				✓			✓		✓																51003223	Hold	
SRB-116-20	10/14	0909				✓			✓		✓															X	51003224		
SRB-115-5	10/14	0928				✓			✓		✓															X	51003225		
SRB-115-10	10/14	0936				✓			✓		✓															X	51003226		
SRB-115	10/14				✓				✓		✓															X	51003227		
SRB-115-5	10/14	0955				✓			✓		✓																51003228	Hold	
SRB-115-20	10/14	0959				✓			✓		✓															X	51003229		

Relinquished by:


Date: 10/14/03
Time: 1734

Received by:

Remarks/Condition of Sample:
Samples rec'd throughout day by mobile lab.

Relinquished by:

Date: 10/14/03
Time:

Received by:

Bill To: Kennedy/Jenks

Relinquished by:

Date: 10/14/03
Time:

Received by Laboratory:

Bill To: Kennedy/Jenks

EXCELCHEM
ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3630 / EPA 8015m

Date Sampled: 10/15/03
Date Received: 10/15/03
Date Analyzed: 10/15/03



Client Sample I.D.	SW-M1-1-2.5		SW-M1-2-6.5		SW-M1-3-5.5		SW-M1-4-7	
LAB. NO.	S1003282		S1003293		S1003294		S1003295	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	50	2600	5.0	ND	5.0	ND	50	1500
TPH as Oil	100	2300	10	17	10	ND	100	1400

Client Sample I.D.	SW-M1-5-3		SW-M2-6-5.75		SW-N1-7-5	
LAB. NO.	S1003296		S1003304		S1003305	
ANALYTE	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	50	1400	5.0	ND	5.0	ND
TPH as Oil	100	1800	10	ND	10	ND

QA/QC %RECOVERY		
	LCS	LCSD
TPH as Oil	102	113

QA/QC Analyzed: 11/15/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

Samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

11/15/03
Date Reported

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

POSSIBLE HAZARDS:

TPH₁, TPH₂, Arsenic

Date: 10/15/03

Report To:

Jim Curtis

Source of Samples:

Santa Rosa Station

Company:

Kennedy/Jep

Sampler Name:

Address:

Phone:

Project No.:

Phone:

(5)
ANALYSES REQUESTED

Lab Destination:

Excelchem

Address:

Phone:

Carrier/Way Bill No.:

Comment/Conditions

(Container type, container number, etc.)

(1) Lab ID No.	(1) Client ID No.	COLLECTION		(2) Type	(2) Depth	(3) Comp.	(4) Pres.	Turn-around	(5) ANALYSES REQUESTED					
		Date	Time						TPH ₁	TPH ₂	TPH ₃	TPH ₄	TPH ₅	
S1003282	SW-M1-1-2.5	10/15/03	0944	S	2.5		ICE	MOB	X	X				
S1003293	SW-M1-2-6.5	10/15/03	1112	S	6.5		ICE	MOB	X	X				
S1003294	SW-M1-3-5.5	10/15/03	1115	S	5.5		ICE	MOB	X	X				
S1003295	SW-M1-4-7	10/15/03	1120	S	7		ICE	MOB	X	X				
S1003296	SW-M1-5-3	10/15/03	1218	S	3		ICE	MOB	X	X				
S1003304	SW-M2-6-5.75	10/15/03	1300	S	5.75		ICE	MOB	X	X				
S1003305	SW-M1-7-5	10/15/03	1305	S	5		ICE	MOB	X	X				

(1) Write only one sample number in each space.

(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.

(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.

(4) Preservation of sample.

(5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

SAMPLE RELINQUISHED BY:

SAMPLE RECEIVED BY:

Print Name	Signature	Company	Date	Time	Print Name	Signature	Company	Date	Time
Jim Curtis		Kennedy/Jep			John Somers		EXCEL-CHEM	10/15/03	

Samples submitted throughout the day

EXCELCHEM ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3630 / EPA 8015m

Date Sampled: 10/16/03
Date Received: 10/16/03
Date Analyzed: 10/16/03

Client Sample I.D.	NW-B2-8-14		NW-B1-9-7		NW-B3-10-8.5		SW-L1-11-9.5		SW-L1-12-5	
LAB. NO.	S1003350		S1003351		S1003352		S1003372		S1003373	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	50	900	83	ND	50	220	10	ND	5.0	ND
TPH as Oil	100	740	170	450	100	400	20	33	10	ND

Client Sample I.D.	SW-L1-10-8		SW-M1-13-4		SW-L1-14-3.75		SW-L1-15-4.5	
LAB. NO.	S1003374		S1003375		S1003376		S1003377	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	5.0	ND	5.0	ND	5.0	ND	5.0	ND
TPH as Oil	10	ND	10	ND	10	ND	10	ND

QA/QC %RECOVERY		
	MS	MSD
TPH as Oil	80	84

QA/QC Analyzed: 10/17/03

QA/QC %RECOVERY		
	MS	MSD
TPH as Oil	85	83

QA/QC Analyzed: 10/17/03

QA/QC %RECOVERY		
	MS	MSD
TPH as Diesel	66	72
TPH as Oil	87	84

QA/QC Analyzed: 10/17/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

Samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/17/03

Date Reported

Excelcher

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Ph: 916-773-3664 Fx: 916-773-4784

Environmental Labs

Project Manager:

Jim Curtis

Company/Address: Kennedy Jents
3336 Bradshaw Rd #140
Sacramento, CA 95827

Project Number/P.O#:

032777.14

Project Location:

Santa Rosa Station

Phone #:

(916) 362-3251

Fax #:

(916) 362-9915

Project Name:

Santa Rosa Station

Sampler Signature:

Jim Curtis

CHAI F-CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

1003080

ANALYSIS REQUEST

Page of

Sample ID	Sampling		Container				Method Preserved				Matrix			BTEX/TPH as Gasoline (6015/8015/8015/8015)	MTBE (8020/8260B)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18)	Pesticides (608/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8015/8015/8015)	Lead Scavengers DCA/ED	Semi VOC Full List (8270C)	CAM 17 Metals	Lead	Cd, Cr, Pb, Zn, Ni (CAM 5)	BTEX Gasol				Mobile	Requested TAT: 12hr/24hr/48hr/72hr/1wk	LAB USE ONLY:
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	HCl	HNO3	ICE	NONE	WATER	SOIL	AIR																						
W-B2-8-14	10/16/03	1048		X					X			X				X	X																X	51003350	
W-B1-9-7	10/16/03	1055		X					X			X				X	X																X	51003351	
W-B3-10-8	10/16/03	1105		X					X			X				X	X																X	51003352	
W-L1-11-4	10/16/03	1415		X					X			X				X	X																X	51003372	
W-L1-12-5	10/16/03	1425		X					X			X				X	X																X	51003373	
W-L1-10-8	10/16/03	1410		X					X			X				X	X																X	51003374	
W-A1-13-4	10/16/03	1431		X					X			X				X	X																X	51003375	
W-L1-14-3	10/16/03	1441		X					X			X				X	X																X	51003376	
W-L1-15-4	10/16/03	1448		X					X			X				X	X																X	51003377	

Relinquished by:

Jim Curtis

Date Time

10/16/03

Received by:

Remarks/Condition of Sample:

Samples rec'd throughout day by mobile lab.

Relinquished by:

Date Time

Received by:

Bill To:

Kennedy Jents

Relinquished by:

Date Time

10/16/03

Received by Laboratory:

Jim Curtis

Bill To:

Kennedy Jents

**EXCELCHEM
ENVIRONMENTAL LABS**



500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Project: Santa Rosa Station / 032777.14
Method: EPA 8010B

Date Sampled: 10/16/03
Date Received: 10/16/03
Date Analyzed: 10/17/03

Client Sample I.D.	SW-M1-16-8.5		SW-M1-17-8.5		SW-M1-18-5		SW-N-1-19-4.5		SW-N1-20-7		SW-M1-21-4	
LAB. NO.	S1003378		S1003379		S1003380		S1003381		S1003382		S1003383	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Arsenic	2.0	3.0	2.0	2.7	2.0	3.7	2.0	2.8	2.0	2.3	2.0	ND

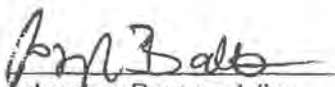
ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

QA/QC %RECOVERY		
	LCS	LCSD
Arsenic	103	103

QA/QC Analyzed: 10/17/03


Laboratory Representative

10/17/03
Date Reported

Exceiher

Environmental Labs

Project Manager:

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Ph: 916-773-3664 Fx: 916-773-4784

CHAI F-CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

1003080

Jim Curtis

Company/Address: Kennedy Tanks

3336 Bradshaw Ad #140

Sacramento, CA 95827

Project Number/P.O#:

032777.14

Project Location:

Santa Rosa Station

Phone #:

(916) 362-3251

Fax #:

(916) 362-9915

Project Name:

Santa Rosa Station

Sample Signature:

Jim Curtis

ANALYSIS REQUEST

Page of

Sample ID	Sampling		Container				Method Preserved				Matrix			BTEX/TPH as Gasoline (8015/8015m)	MTBE (8020/8260B)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18)	Pesticides (608/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8015m)	Lead Scavengers DCA/VECC	Semi VOC Full List (8270C)	CAM 17 Metals	As soon as possible	Cd, Cr, Pb, Zn, Ni (CAM 5)	Silica Gel Wash	Mobile TAT	Requested TAT: 12hr/24hr/48hr/72hr/1wk	Bin#	Due Date:		
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	HCl	HNO3	ICE	NONE	WATER	SOIL	AIR																						
W-MI-16-8	10/16/03	1511		X							X			X	X	X	X									X	X	X	X	X	X	X	X	S1003378	
W-MI-17-85	10/16/03	1514		X							X			X	X	X	X									X	X	X	X	X	X	X	X	S1003379	
W-MI-18-5	10/16/03	1523		X							X			X	X	X	X									X	X	X	X	X	X	X	X	S1003380	
W-MI-19-15	10/16/03	1532		X							X			X	X	X	X									X	X	X	X	X	X	X	X	S1003381	
W-MI-20-7	10/16/03	1535		X							X			X	X	X	X									X	X	X	X	X	X	X	X	S1003382	
W-MI-21-4	10/16/03	1545		X							X			X	X	X	X									X	X	X	X	X	X	X	X	S1003383	
E-MI-22-3	10/16/03	1603		X							X			X	X	X	X									X	X	X	X	X	X	X	X	S1003384	
																																			S1003386

Relinquished by:

Relinquished by:

Relinquished by:

Date Time

Date Time

Date Time

Received by:

Received by:

Received by Laboratory:

Remarks/Condition of Sample:

Samples rec'd throughout day by mobile Lab.

Bill To:

Kennedy Tanks

AB. 10/16/03

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Amended Report



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3630 / EPA 8015m

Date Sampled: 10/17/03
Date Received: 10/17/03
Date Analyzed: 10/17/03
Date Amended: 12/29/03

Client Sample I.D.	FE-L6-23-1.5		FE-M6-24-1.5		NW-D2-25-9		NW-D2-26-11	
LAB. NO.	S1003399		S1003400		S1003401		S1003402	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	5.0	ND	5.0	ND	5.0	ND	5.0	ND
TPH as Oil	10	34	10	ND	10	ND	10	ND

Client Sample I.D.	NW-C2-27-4.5		NW-F2-28-11		FE-L6-30-3		FE-L5-29-0.5	
LAB. NO.	S1003403		S1003405		S1003406		S1003407	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	5.0	ND	200	420	5.0	ND	5.0	ND
TPH as Oil	10	ND	400	1200	10	470	10	1100

QA/QC %RECOVERY		
	MS	MSD
TPH as Oil	80	84

QA/QC Analyzed: 10/17/03

QA/QC %RECOVERY		
	MS	MSD
TPH as Oil	85	83

QA/QC Analyzed: 10/17/03

QA/QC %RECOVERY		
	MS	MSD
TPH as Diesel	66	72
TPH as Oil	87	84

QA/QC Analyzed: 10/17/03

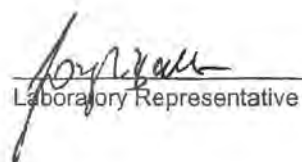
ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

Samples were analyzed at Excelchem's mobile facility.

REPORT AMENDED TO CORRECT CLIENT SAMPLE ID FOR NW-F22-28-11 TO REFLECT THE ID ON THE COC.


Laboratory Representative

10/17/03
Date Reported

Excelcher

Environmental Labs

Project Manager:

Jim Curtis

Company/Address: Kennedy Jenks
3336 Bradshaw Rd, #140
Sacramento, CA 95827

Project Number/P.O.#:

032777.14

Project Location:

Santa Rosa Station

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Ph: 916-773-3664 Fx: 916-773-4784

Phone #:

(916) 362-3251

Fax #:

(916) 362-9915

Project Name:

Santa Rosa Station

Sampler Signature:

[Signature]

CHAI F-CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

1003080

1003086

Page of

ANALYSIS REQUEST

Sample ID	Sampling		Container			Method Preserved				Matrix			BTEX/TPH as Gasoline (602/8020/8015)	MTBE (8020/8260B)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18th Ed 5520B,F/166)	Pesticides (608/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8260)	Lead Scavengers DCA/EDB (8260B)	Semi VOC Full List (8270C)	CAM 17 Metals	Lead	Cd, Cr, Pb, Zn, Ni (CAM 5)	Wet	Total	Mobile	Requested TAT: 12hr/24hr/48hr/72hr/1wk	Bin#	Due Date:
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	HCl	HNO3	ICE	NONE	WATER	SOIL	AIR																				
E-L6-25-15	10/14/03	1005		X					X			X		X	X	X									X						X	51003399	
E-M6-24-13	10/17/03	1006		X					X			X		X	X	X									X						X	51003400	
W-D2-25-9	10/13/03	1048		X					X			X		X	X	X															X	51003401	
W-D2-26-11	10/17/03	1135		X					X			X		X	X	X															X	51003402	
W-C2-24-45	10/14/03	1152		X					X			X		X	X	X															X	51003403	
W-F2-28-11	10/14/03	1401		X					X			X		X	X	X															X	51003404	
E-L6-24-05	10/14/03	1444		X					X			X		X	X	X									X						X	51003405	
E-L6-30-3	10/14/03	1446		X					X			X		X	X	X									X						X	51003406	
E-L5-29-05	10/14/03	1444		X					X			X		X	X	X									X						X	51003407	

Relinquished by:	Date	Time	Received by:	Remarks/Condition of Sample:
<i>[Signature]</i>	10/17/03			Samples rec'd throughout day by mobile lab.
Relinquished by:	Date	Time	Received by:	
Relinquished by:	Date	Time	Received by Laboratory:	Volatiles & Metals to be analyzed via fixed facility on a 24 hr TAT.
	10/17/03		<i>[Signature]</i>	Bill To: Kennedy / Jenks

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Project: Santa Rosa Station / 032777.14
Method: EPA 8020/8015m

Date Sampled: 10/17/03
Date Received: 10/17/03
Date Analyzed: 10/20/03



Client Sample I.D.	FE-L6-23-1.5		FE-M6-24-1.5		FE-L6-30-3		FE-L5-29-0.5	
LAB. NO.	S1003399		S1003400		S1003406		S1003407	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Benzene	0.005	ND	0.005	ND	0.005	ND	0.005	ND
Toluene	0.005	ND	0.005	ND	0.005	ND	0.005	ND
Ethylbenzene	0.005	ND	0.005	ND	0.005	ND	0.005	ND
Total Xylenes	0.013	ND	0.013	ND	0.013	ND	0.013	ND
TPH as Gasoline	1.0	ND	1.0	ND	1.0	ND	1.0	ND

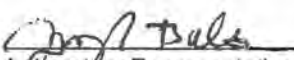
QA/QC %RECOVERY		
	LCS	LCSD
Benzene	91	88
Toluene	91	89
Ethylbenzene	92	90
Total Xylenes	93	91

QA/QC Analyzed: 10/20/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg


Laboratory Representative

10/20/03
Date Reported

**EXCELCHEM
ENVIRONMENTAL LABS**

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 6010B

Date Sampled: 10/17/03
Date Received: 10/17/03
Date Analyzed: 10/20/03

Client Sample I.D.	FE-L6-23-1.5		FE-M6-24-1.5		FE-L6-30-3		FE-L5-29-0.5	
LAB. NO.	S1003399		S1003400		S1003406		S1003407	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Lead	1.0	26	1.0	27	1.0	74	1.0	98

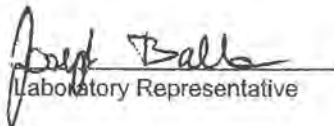
QA/QC %RECOVERY				
	LCS	LCSD	MS	MSD
Lead	103	102	117	100

QA/QC Analyzed: 10/20/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg


Laboratory Representative

10/20/03
Date Reported

Phone #:
(916) 362-3258

Fax #:
(916) 362-9915

Company/Address:
Kennedy, Jenks
3336 Bradshaw Rd. #140
Sacramento, CA 95827

Project Number/P.O.#:
032777.14

Project Location:
Santa Rosa Station

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:
Global I.D.#:
COC #:
Location I.D.#:

Email Address:
JTW#
1003080 / 1003086

Project Name:
Santa Rosa Station

Sampler Signature:

ANALYSIS REQUEST

Page 33 of 33

Sample ID	Sampling		Container			Method Preserved				Matrix			BTEX/TPH as Gasoline (802/8020/8015)	MTBE (8020/8260B)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18th Ed. 5520B, F/166)	Pesticides (608/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8260)	Lead Scavengers DCA/EDB (8260B)	Semi VOC Full List (8270C)	Wet		CAM 17 Metals	Lead	Cd, Cr, Pb, Zn, Ni (CAM 5)	Wet	Total	Requested TAT: 12hr/24hr/48hr/72hr/1wk	LAB USE ONLY
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	HCl	HNO3	ICE	NONE	WATER	SOIL	AIR																				
FE-16-21-15	11/14	1105	X						X			X		X	X	X									X							X	See 349
FE-16-21-15	11/14	1106	X						X			X		X	X	X									X							X	See 349
VW-12-25-9	11/13	1148	X						X			X		X	X	X																X	See 349
VW-12-26-11	11/14	1135	X						X			X		X	X	X																X	See 349
NV-12-21-45	11/14	1152	X						X			X		X	X	X																X	See 349
VW-12-26-11	11/14	1401	X						X			X		X	X	X																X	See 349
FE-16-21-15	11/14	1444	X						X			X		X	X	X									X							X	See 349
FE-16-21-15	11/14	1446	X						X			X		X	X	X									X							X	See 349
FE-15-21-05	11/14	1444	X						X			X		X	X	X									X							X	See 349

Relinquished by: Date Time Received by:

Relinquished by: Date Time Received by:

Relinquished by: Date Time Received by Laboratory:

Remarks/Condition of Sample:
Samples rec'd throughout day by mobile lab
Volatiles & Metals to be analyzed via headspace 10-17-03
Bill To: Kennedy / Jenks

**EXCELCHEM
ENVIRONMENTAL LABS**



500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3630 / EPA 8015m

Date Sampled: 10/20/03
Date Received: 10/20/03
Date Analyzed: 10/20/03

Client Sample I.D.	NW-B2-31-16		NW-B1-32-16		NW-B1-33-21		NW-D2-34-19		NW-D2-35-9	
LAB. NO.	S1003441		S1003442		S1003456		S1003457		S1003500	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	25	340	83	ND	25	ND	100	490	5.0	ND
TPH as Oil	50	290	170	230	50	58	200	490	10	ND

QA/QC %RECOVERY		
	LCS	LCSD
TPH as Oil	91	95

QA/QC Analyzed: 10/20/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

Samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/20/03
Date Reported

Excelche

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Ph: 916-773-3664 Fx: 916-773-4784

Environmental Labs

Project Manager:

Jim Curtis

Phone #:

(916) 362-3251

Company/Address: Kennedy Tanks

3336 Bradshaw Rd. #140

Sacramento, CA 95827

Fax #:

(916) 362-9915

Project Number/P.O.#:

032777.14

Project Name:

Santa Rosa Station

Project Location:

Santa Rosa Station

Sampler Signature:

[Signature]

CHA OF-CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

1003080

ANALYSIS REQUEST

Page of

Sample ID	Sampling		Container				Method Preserved				Matrix			Wet	Total	Cd, Cr, Pb, Zn, Ni (CAM 5)	Mobile TAT	Requested TAT: 12hr/24hr/48hr/72hr/1wk	Bin#	Due Date:
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	HCl	HNO3	ICE	NONE	WATER	SOIL	AIR							
NW-32-31-10/20/03	10/20/03	0837		X					X			X					X			51003441
NW-31-32-10/20/03	10/20/03	0855		X					X			X					X			51003442
NW-31-33-10/20/03	10/20/03	1007		X					X			X					X			51003456
NW-D2-34-10/20/03	10/20/03	1710		X					X			X					X			51003457
NW-D2-35-10/20/03	10/20/03	1533		X					X			X					X			51003520

Relinquished by:

[Signature]

Date Time

10/20/03

Received by:

[Signature]

Remarks/Condition of Sample:

Samples rec'd throughout day by mobile lab on 10-20-03

Relinquished by:

[Signature]

Date Time

10/20/03

Received by:

[Signature]

Bill To:

Kennedy Tanks

Relinquished by:

[Signature]

Date Time

10/20/03

Received by Laboratory:

[Signature]

Bill To:

Kennedy Tanks

EXCELCHEM
ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Date Sampled: 10/21/03
Date Received: 10/21/03
Date Analyzed: 10/21/03

Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3630 / EPA 8015m

Client Sample I.D.	NW-E1-36-10		NW-C1-37-6		NW-B1-38-6		NW-E1-39-18		NW-E1-40-13.5	
LAB. NO.	S1003523		S1003524		S1003526		S1003527		S1003533	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	500	3500	5.0	ND	5.0	ND	250	2100	5.0	ND
TPH as Oil	1000	3000	10	23	10	16	500	2100	10	ND

QA/QC %RECOVERY		
	LCS	LCSD
TPH as Oil	85	88

QA/QC Analyzed: 10/21/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

Samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/21/03
Date Reported

Excelche

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Ph: 916-773-3664 Fx: 916-773-4784

Environmental Labs

Project Manager:

Phone #:

(916) 362-3251

Company/Address: Kennedy Jenks

Fax #:

(916) 362-9915

3336 Bradshaw Rd. #140
Sacramento, CA 95827

Project Number/P.O#:

032777.14

Project Name:

Santa Rosa Station

Project Location:

Santa Rosa Station

Sampler Signature:

[Signature]

CHA IF-CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

1003080

ANALYSIS REQUEST

Page of

Sample ID	Sampling		Container				Method Preserved				Matrix			BTEX/TPH as Gasoline (6020/8020/8015)	MTBE (8020/8260B)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-1-1)	Pesticides (608/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8/8015)	Lead Scavengers DCA/EE	Semi VOC Full List (8270)	CAM 17 Metals	Lead	Cd, Cr, Pb, Zn, Ni (CAM 5)	Silica Ge				Mobile	Requested TAT: 12hr/24hr		LAB USE ONLY:
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	HCl	HNO3	ICE	NONE	WATER	SOIL	AIR																							
NW-E1-36-10	10/21/03	1010		X					X			X				X	X															X		51003523		
NW-C1-37-6	10/21/03	1025		X					X			X				X	X															X		51003524		
NW-B1-38-6	10/21/03	1125		X					X			X				X	X															X		51003526		
NW-E1-39-10	10/21/03	1230		X					X			X				X	X															X		51003527		
NW-E1-40-135	10/21/03	1435		X					X			X				X	X															X		51003533		

Relinquished by: *[Signature]*

Date Time

10/21/03

Received by:

Received by:

Remarks/Condition of Sample:

Samples rec'd throughout day by mobile lab.

[Signature]

10-21-03

Relinquished by:

Date Time

10/21/03

Received by Laboratory:

Bill To:

Kennedy Jenks

EXCELCHEM ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678
Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Date Sampled: 10/22/03
Date Received: 10/22/03
Date Analyzed: 10/22/03

Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3630 / EPA 8015m

Client Sample I.D.	NW-E1-41-7		NW-E1-42-8		NW-F2-43-14		NW-E1-44-13.5		NW-E1-45-9	
LAB. NO.	S1003546		S1003557		S1003559		S1003585		S1003586	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	250	2400	5.0	ND	5.0	ND	100	460	10	23
TPH as Oil	400	1700	10	ND	10	16	200	470	20	110

Client Sample I.D.	NW-E1-46-4		NE-F1-47-6		NW-F1-48-9		NW-F1-49-14.5	
LAB. NO.	S1003587		S1003591		S1003592		S1003593	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	250	1200	250	310	5.0	ND	250	1000
TPH as Oil	500	950	500	700	10	ND	500	1200

QA/QC %RECOVERY		
	LCS	LCSD
TPH as Diesel	80	73

QA/QC Analyzed: 10/22/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

Samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/22/03
Date Reported

Excelche

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Ph: 916-773-3664 Fx: 916-773-4784

Environmental Labs

Project Manager:

Jim Curtis

Phone #:

(916) 362-3251

Company/Address: Kennedy/Jenks

3336 Bradshaw Rd #140

Sacramento, CA 95827

Fax #:

(916) 362-9915

Project Number/P.O.#:

D32777.14

Project Location:

Santa Rosa Station

Project Name:

Santa Rosa Station

Sampler Signature:

[Signature]

CHA IF-CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

1003080

ANALYSIS REQUEST

Page of

Project Number/P.O#:			Project Name:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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Sample ID	Sampling		Container		Method Preserved		Matrix		BTEX/TPH as Gasoline (802/8020/8015)	MTBE (8020/8260B)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18th Ed 5520B,F)/166	Pesticides (608/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8260)	Lead Scavengers DCA/EDB (8260B)	Semi VOC Full List (8270C)	Wet		Cd, Cr, Pb, Zn, Ni (CAM 5)	Silica Gel Wash																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

Relinquished by:

[Signature]

Date Time

10/22/03

Received by:

[Signature]

Remarks/Condition of Sample:

Samples rec'd throughout day by mobile lab.

Relinquished by:

[Signature]

Date Time

10/22/03

Received by:

[Signature]

Bill To:

Kennedy/Jenks

Relinquished by:

[Signature]

Date Time

10/22/03

Received by Laboratory:

[Signature]

Bill To:

Kennedy/Jenks

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3630 / EPA 8015m

Date Sampled: 10/22/03
Date Received: 10/22/03
Date Analyzed: 10/22/03



Client Sample I.D.	NW-F1-50-8		NW-F1-51-5		NW-D1-52-4		NW-C1-53-4	
LAB. NO.	S1003594		S1003595		S1003596		S1003597	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	250	750	250	ND	10	ND	5.0	ND
TPH as Oil	500	980	500	1700	20	63	10	ND

Client Sample I.D.	NW-C2-54-3.5		NW-F1-55-15.5		NW-F1-56-14		NW-F1-57-8.5	
LAB. NO.	S1003598		S1003599		S1003600		S1003601	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	10	ND	10	14	100	230	5.0	ND
TPH as Oil	20	31	20	62	200	340	10	ND

QA/QC %RECOVERY		
	LCS	LCSD
TPH as Diesel	80	73

QA/QC Analyzed: 10/22/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

Samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/22/03
Date Reported

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3630 / EPA 8015m

Date Sampled:
Date Received:
Date Analyzed:

10/23/03
10/23/03
10/23/03



Client Sample I.D.	NW-E2-58-5	NW-F2-59-5	NW-E2-60-6	NW-D1-61-20
LAB. NO.	S1003627	S1003628	S1003629	S1003630
ANALYTE	R/L	Results	R/L	Results
TPH as Diesel	5.0	ND	5.0	ND
TPH as Oil	10	ND	10	ND

Client Sample I.D.	NW-D1-62-21	NW-E1-63-21	NW-E1-64-21	NW-E2-65-21
LAB. NO.	S1003631	S1003632	S1003635	S1003676
ANALYTE	R/L	Results	R/L	Results
TPH as Diesel	100	550	100	230
TPH as Oil	200	460	200	260

QA/QC %RECOVERY		
	LCS	LCSD
TPH as Oil	93	91

QA/QC Analyzed: 10/23/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

Samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/23/03
Date Reported

Excelche

Environmental Labs

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Ph: 916-773-3664 Fx: 916-773-4784

CHA OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager:

Jim Curtis

Phone #:

(916) 362-3251

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

1003680

Company/Address:

Kennedy / Tanks
3336 Bradshaw Rd #140
Sacramento, CA 95827

Fax #:

(916) 362-9915

ANALYSIS REQUEST

Page of

Project Number/P.O#:

032777.14

Project Name:

Santa Rosa Station

Project Location:

Santa Rosa Station

Sampler Signature:

[Signature]

Sample ID	Sampling		Container				Method Preserved				Matrix			BTEX/TPH as Gasoline (602/8020/8015)	MTBE (8020/8260B)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18th Ed 5520B,F/166)	Pesticides (608/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8260)	Lead Scavengers DCA/EDB (8260B)	Semi VOC Full List (8270C)	CAM 17 Metals	Lead	Cd, Cr, Pb, Zn, Ni (CAM 5)	Silica Gel Wash				Mobile	Requested TAT: 12hr/24hr/48hr/72hr/1wk	Bin#	Due Date:	LAB USE ONLY:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	HCl	HNO3	ICE	NONE	WATER	SOIL	AIR																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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Relinquished by:

Date

Time

Received by:

Remarks/Condition of Sample:

Relinquished by:

Date

Time

Received by:

Bill To:

Relinquished by:

Date

Time

Received by Laboratory:

Bill To:

10/23/2003

10/23/03

10/23/03

Samples rec'd throughout day by mobile lab.

[Signature]

[Signature]

10-23-03

Kennedy / Tanks

EXCELCHEM ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678
Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Date Sampled: 10/24/03
Date Received: 10/24/03
Date Analyzed: 10/24/03

Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3510 / EPA 3630 / EPA 8015m

Client Sample I.D.	Frac Tank 10/24		NW-E1-66-21		NW-E1-67-21		NW-E2-68-21		NW-E1-69-21	
LAB. NO.	W1003711		S1003712		S1003713		S1003737		S1003738	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	1000	4500	100	330	25	63	5.0	ND	250	1600
TPH as Oil	2000	3300	200	310	50	120	10	ND	500	1600

Client Sample I.D.	NW-G1-70-8		NW-G1-71-13		NW-G1-72-5		NW-G1-73-4		NW-F2-74-11	
LAB. NO.	S1003739		S1003740		S1003745		S1003746		S1003747	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	250	1100	25	ND	25	ND	100	210	5.0	ND
TPH as Oil	500	1100	50	510	50	280	200	1600	10	22

Client Sample I.D.	NW-G2-75-7		NW-G2-76-6		NW-H2-77-4	
LAB. NO.	S1003771		S1003772		S1003773	
ANALYTE	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	5.0	ND	5.0	ND	25	ND
TPH as Oil	10	ND	10	ND	50	160

Soil QA/QC %RECOVERY		
	LCS	LCSD
TPH as Oil	98	95

QA/QC Analyzed: 10/24/03

Water QA/QC %RECOVERY		
	LCS	LCSD
TPH as Oil	83	78

QA/QC Analyzed: 10/24/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in µg/L

Soil samples reported in mg/kg

Samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/24/03
Date Reported

Excelcher

Environmental Labs

Project Manager:

500 Giuseppe Court, Suite 3
Roseville, CA 95678
Ph: 916-773-3664 Fx: 916-773-4784

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

1003080

Company/Address: Kennedy / Jents
3336 Bradshaw Rd #140
Sacramento, CA 95827

Project Number/P.O#:

032777.14

Project Location:

Santa Rosa Station

Phone #:

(916) 362-3251

Fax #:

(916) 362-9915

Project Name:

Santa Rosa Station

Sampler Signature:

Michael McLeal

ANALYSIS REQUEST

Page 1 of 2

Sample ID	Sampling		Container				Method Preserved				Matrix			BTEX/TPH as Gasoline (602/8020/8015m)		TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18th Ed 5520B,F), 166	Pesticides (608/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8260)	Lead Scavengers DCA/EDB (8260B)	Semi VOC Full List (8270C)	CAM 17 Metals	Lead	Cd, Cr, Pb, Zn, Ni (CAM 5)	Silica gel Wash			Mo. site	Requested TAT: 12hr/24hr/48hr/72hr/1wk	Bin#	Due Date:	LAB USE ONLY:
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	HCl	HNO3	ICE	NONE	WATER	SOIL	AIR																							
Fac Tank 10/24	10/24	0700			X					X					X	X												X				X	W1003711			
1W-E1-66-21'		0817		X						X					X	X												X			X	S1003712				
1W-E1-67-21		0916		X						X					X	X											X			X	S1003713					
1W-E2-68-21		1127		X						X					X	X											X			X	S1003737					
1W-E1-69-21		1128		X						X					X	X											X			X	S1003738					
1W-G1-70-8		1316		X						X					X	X												X			X	S1003739				
1W-G1-71-13		1317		X						X					X	X											X			X	S1003740					
1W-G1-72-5		1418		X						X					X	X											X			X	S1003745					
1W-G1-73-4'		1431		X						X					X	X											X			X	S1003746					
1W-F2-74-11	↓	1446		X						X					X	X											X			X	S1003747					

Relinquished by:	Date	Time	Received by:	Remarks/Condition of Sample:
Robert E. Eng	10/24	2003		Samples rec'd throughout day by mobile lab. JJ
Relinquished by:	Date	Time	Received by:	AM 10-24-03
Relinquished by:	Date	Time	Received by Laboratory:	Bill To:
	10/24/03		Jerry Jents	Kennedy / Jents

Excelchem

Environmental Labs

Project Manager:

Jim Cortez

Company/Address:

Kennedy / Jenkins
3336 Bridgeway Rd. #140
Sacramento, CA 95827

Project Number/P.O#:

032777.14

Project Location:

Santa Rosa Station

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Ph: 916-773-3664 Fx: 916-773-4784

Phone #:

(916) 362-3251

Fax #:

(916) 362-9915

Project Name:

Santa Rosa Station

Sampler Signature:

Michael

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

ANALYSIS REQUEST

Page 2 of 2

Sample ID	Sampling		Container				Method Preserved				Matrix			BTEX/TPH as Gasoline (802/8020/8015)	MTBE (8020/8260B)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18th Ed 5520B,F)/166	Pesticides (608/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8260)	Lead Scavengers DCA/EDB (8260B)	Semi VOC Full List (8270C)	CAM 17 Metals	Lead	Cd, Cr, Pb, Zn, Ni (CAM 5)	Silica Gel Wash	Mobile	Requested TAT: 12hr/24hr/48hr/72hr/1wk	Bin#	Due Date:	LAB USE ONLY:
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	HCl	HNO3	ICE	NONE	WATER	SOIL	AIR																					
W-62-75-7	10/24/2003	1523		X					X			X				X	X											X			X		S1003771	
W-62-76-6	10/24/2003	1545		X					X			X				X	X											X			X		S1003772	
W-62-77-4	10/24/2003	1609		X					X			X				X	X											X			X		S1003773	

Relinquished by:	Date	Time	Received by:	Remarks/Condition of Sample: Samples rec'd throughout day by mobile lab. mm JJ 10-24-03
<i>Michael</i>	10/24/2003			
Relinquished by:	Date	Time	Received by:	
Relinquished by:	Date	Time	Received by Laboratory:	Bill To:
	10/24/03		<i>John Doe</i>	Kennedy / Jenkins

EXCELCHEM ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678
Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3630 / EPA 8015m

Date Sampled: 10/27/03
Date Received: 10/27/03
Date Analyzed: 10/27/03

Client Sample I.D.	NW-C2-78-8		NW-A2-79-18		NW-A2-80-21		NW-B2-81-21		NW-A1-82-19	
LAB. NO.	S1003775		S1003776		S1003777		S1003778		S1003792	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	5.0	ND	25	280	25	92	5.0	77	5.0	110
TPH as Oil	10	ND	50	290	50	150	10	75	10	110

Client Sample I.D.	NW-B2-83-16C		NW-A1-84-18C		NW-A1-85-10C		NW-A1-86-16C		NW-F1-87-16C	
LAB. NO.	S1003796		S1003797		S1003798		S1003799		S1003800	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	25	120	5.0	ND	5.0	ND	5.0	ND	25	320
TPH as Oil	50	110	10	51	10	ND	10	92	50	420

QA/QC %RECOVERY		
	LCS	LCSD
TPH as Oil	112	103

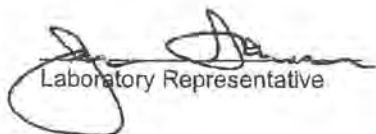
QA/QC Analyzed: 10/27/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

Samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/27/03
Date Reported

Excelchem
Environmental Labs

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Ph: 916-773-3664 Fx: 916-773-4784

Project Manager:

Jim Curtis

Phone #:

(916) 362-3251

Company/Address:

Kennedy / Jenks
3336 Bradshaw Rd. #140
Sacramento, CA 95827

Fax #:

(916) 362-9915

Project Number/P.O.#:

032777.14

Project Name:

Santa Rosa Station

Project Location:

Santa Rosa Station

Sampler Signature:

[Signature]

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

1003080

ANALYSIS REQUEST

Page of

Sample ID	Sampling		Container				Method Preserved				Matrix		
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	HCl	HNO3	ICE	NONE	WATER	SOIL	AIR
W-12-78-81-12	10/27/03	0925		X					X			X	
W-12-79-18	10/27/03	0945		X					X			X	
W-12-80-21	10/27/03	0955		X					X			X	
W-12-81-21	10/27/03	1125		X					X			X	
W-12-82-19	10/27/03	1235		X					X			X	
W-12-83-16C	10/27/03	1000		X					X			X	
W-12-84-18C	10/27/03	1610		X					X			X	
W-12-85-10C	10/27/03	1515		X					X			X	
W-12-86-16C	10/27/03	1518		X					X			X	
FL-87-16C	10/27/03	1525		X					X			X	

BTEX/TPH as Gasoline (602/8020/8015)	Wet	Bin#
MTBE (8020/8260B)	Total	Due Date:
TPH as Diesel (8015m)		
TPH as Oil (8015m)		
Total Oil & Grease (SM-18th Ed 5520B,F)/166		
Pesticides (808/8081A)		
PCBs (8082)		
VOC Full list (8260B)		
5 Oxygenates (8260B)		
Methanol/Ethanol (8015/8260)		
Lead Scavengers DCA/EDB (8260B)		
Semi VOC Full List (8270C)		
CAM 17 Metals		
Lead		
Cd, Cr, Pb, Zn, Ni (CAM 5)		
Mobile		
Requested TAT: 12hr/24hr/48hr/72hr/1wk		
LAB USE ONLY:		
		S1003775
		S1003776
		S1003777
		S1003778
		S1003792
		S1003796
		S1003797
		S1003798
		S1003799
		S1003800

Relinquished by:

[Signature]

Date

10/27/03

Time

Received by:

[Signature]

Relinquished by:

Date

Time

Received by:

[Signature]

Relinquished by:

Date

10/27/03

Time

Received by Laboratory:

[Signature]

Remarks/Condition of Sample:

Samples rec'd throughout day by mobile lab.

Bill To:

Kennedy / Jenks

10/27/03 J2

10-27-03

EXCELCHEM ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Date Sampled: 10/28/03
Date Received: 10/28/03
Date Analyzed: 10/28/03

Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3630 / EPA 8015m

Client Sample I.D.	NW-G2-88-11		NW-H2-89-15		NW-H2-90-18		NW-H2-91-17		NW-H2-92-12	
LAB. NO.	S1003801		S1003802		S1003803		S1003804		S1003814	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	5.0	ND	5.0	ND	25	67	5.0	ND	5.0	ND
TPH as Oil	10	ND	10	ND	50	110	10	ND	10	ND

Client Sample I.D.	NW-G1-93-16		NW-F1-94-17		NW-E2-95-7		NW-E2-96-9		NW-H2-97-16-C	
LAB. NO.	S1003826		S1003827		S1003831		S1003832		S1003833	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	100	540	5.0	14	5.0	ND	25	ND	5.0	ND
TPH as Oil	200	480	10	37	10	34	50	190	10	25

QA/QC %RECOVERY		
	LCS	LCSD
TPH as Oil	93	89

QA/QC Analyzed: 10/28/0

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

Samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/28/03
Date Reported

Excelchem
Environmental Labs

500 Giuseppe Court, Suite 3
Roseville, CA 95678
Ph: 916-773-3664 Fx: 916-773-4784

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager:

Jim Curtis

Phone #:

(916) 362-3251

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

1003080

Company/Address:

Kennedy / Jents
3336 Bradshaw Rd. #140
Sacramento, CA 95827

Fax #:

(916) 362-9915

ANALYSIS REQUEST

Page of

Project Number/P.O#:

032777.14

Project Name:

Santa Rosa Station

Project Location:

Santa Rosa Station

Sampler Signature:

[Signature]

Sample ID	Sampling		Container				Method Preserved				Matrix			BTX/TPH as Gasoline (8020/8260B)	MTBE (8020/8260B)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-11)	Pesticides (608/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8260)	Lead Scavengers DCA/EE	Semi VOC Full List (8270)	CAM 17 Metals	Lead	Cd, Cr, Pb, Zn, Ni (CAM 5)	Silica Gel Clean Up	Mobile	Requested TAT: 12hr/24hr/48hr/72hr/1wk	Bin#	Due Date:	LAB USE ONLY:
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	HCl	HNO3	ICE	NONE	WATER	SOIL	AIR																					
NW-G2-88-11	10/28/03	0714	X						X			X				X	X													X				S1003801
NW-H2-89-15	10/28/03	0935	X						X			X				X	X													X				S1003802
NW-H2-90-18	10/28/03	0950	X						X			X				X	X													X				S1003803
NW-H2-91-17	10/28/03	1015	X						X			X				X	X													X				S1003804
NW-H2-92-12	10/28/03	1040	X						X			X				X	X													X				S1003814
NW-G1-93-16	10/28/03	1120	X						X			X				X	X													X				S1003826
NW-F1-94-17	10/28/03	1145	X						X			X				X	X													X				S1003827
NW-E2-95-7	10/28/03	1325	X						X			X				X	X													X				S1003831
NW-E2-96-9	10/28/03	1330	X						X			X				X	X													X				S1003832
NW-H2-91-16	10/28/03	1405	X						X			X				X	X													X				S1003833

Relinquished by:

[Signature]

Date

10/28/03

Time

Received by:

[Signature]

Remarks/Condition of Sample:

Samples rec'd throughout day by mobile lab.

[Signature] 10/28/03 *[Signature]*

10-28-03

Relinquished by:

Date

Time

Received by:

Relinquished by:

Date

10/28/03

Time

Received by Laboratory:

[Signature]

Bill To:

Kennedy / Jents

EXCELCHEM
ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3630 / EPA 8015m

Date Sampled: 10/28/03
Date Received: 10/28/03
Date Analyzed: 10/28/03

Client Sample I.D.	NW-H2-98-13C		NW-H2-99-11C		NW-H2-100-13C		NW-E2-101-9C	
LAB. NO.	S1003835		S1003836		S1003837		S1003838	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	5.0	ND	5.0	ND	5.0	ND	5.0	ND
TPH as Oil	10	46	10	ND	10	ND	10	ND

QA/QC %RECOVERY		
	LCS	LCSD
TPH as Oil	93	89

QA/QC Analyzed: 10/28/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

Samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/28/03
Date Reported

Project Manager:

Roseville, CA 95678

Ph: 916-773-3664 Fx: 916-773-4784

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

Company/Address: Kennedy / Jenks
3336 Bradshaw Rd. #140
Sacramento, CA 95827

Fax #:
(916) 362-9915


Project Number/P.O#:

032777.14

Project Name: Santa Rosa Station

Project Location:


Santa Rosa Station

Sampler Signature: 

ANALYSIS REQUEST

Page ____ of ____

Project Number/P.O#:				Project Name:			
Project Location:				Sampler Signature:			
Sample ID	Sampling		Container		Method Preserved		Matrix
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	
			HCI	HNO3	ICE	NONE	
			WATER	SOIL	AIR		
NW-H2-98-13	10/28/03	1505	X			X	X
NW-H2-99-11	10/29/03	1513	X			X	X
NW-H2-100-13	10/29/03	1518	X			X	X
NW-E2-101-9	10/29/03	1523	X			X	X

Relinquished by: 

Date 10/28/02 Time —

Received by:

Remarks/Condition of Sample:

Relinquished by:

Date	Time
------	------

Received by:

Samples rec'd throughout day by mobile lab.

5 1929/30

10-28-03

Relinquished by:

Date	Time
------	------

Received by Laboratory:

Bill To:

Kennedy / Jents

**EXCELCHEM
ENVIRONMENTAL LABS**

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Amended Report

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Project: Santa Rosa Station / 032777.14

Method: EPA 3550 / EPA 3510 / EPA 3630 / EPA 8015m

Date Sampled: 10/31/03
Date Received: 10/31/03
TPHd Analyzed: 11/03/03
TPHo Analyzed: 11/03,04/03
Date Amended: 12/29/03



Client Sample I.D.	NW-D1-109-10		NW-01-110-17.5		GM Water-FILTERED		GM Water-UNFILTERED	
LAB. NO.	S1103010		S1103011		W1103012		W1103012	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	40	2300	8.0	130	50	180	50	320
TPH as Oil	400	2300	80	140	500	ND	500	ND

Soil QA/QC %RECOVERY		
	LCS	LCSD
TPH as Diesel	87	77
TPH as Oil	89	86

QA/QC Analyzed: 11/04/03

Water QA/QC %RECOVERY		
	LCS	LCSD
TPH as Diesel	111	88
TPH as Oil	75	74

QA/QC Analyzed: 11/05/03


ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in µg/L

Soil samples reported in mg/kg

REPORT AMENDED TO CORRECT CLIENT SAMPLE ID FOR NW-D1-109-10 TO REFLECT THE ID ON THE COC.


Laboratory Representative

11/06/03
Date Reported

Sample Chain-of-Custody/Analysis Request

Kennedy/Jenks Consultants

Inv# 1003080/1003086

Possible Hazards Analytes
 Client UPRR Report to Jim Curtis
 Site Santa Rosa Sta Company K/J
 Project No. 032777.14 Address 3336 Bealshaw
 Sampler Name M. McLeod
 Telephone 915-243-2508 Fax 916-362-9915

Lab Destination Excelchem
 Address _____
 Telephone 916-773-3364
 Carrier/Way Bill No. n/a

(1) Lab ID No.	(1) Client ID No.	Collection		(2) Type	Depth	(3) Comp.	(4) Pres.	Turn-around	(5) Analyses Requested					Comment/Conditions (container type, container number, etc.)
		Date	Time						TPH	TPH no	Silica Gel Wash	Filter #		
	NW-D1-NW-D1-109-10	11/11/03	1340	S	10	No	4C	24HR	X	X	X			2" x 3" Brass screen S1103010
	NW-D1-110-17.5		1425	S	17.5				X	X	X			" " S1103011
	GM Water		1445	W	n/a				X	X	X	(a)		2-1L amber W1103012
														(a) 1L unfiltered-analyze
														1L filter-analyze

- (1) Write only one sample number in each space.
 (2) Specify type of sample(s): Water (W), Solid (S), or indicate type.
 (3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.
 (4) Preservation of sample.
 (5) Write each analysis requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

Sample Relinquished By					Sample Received By				
Name	Signature	Company	Date	Time	Print Name	Signature	Company	Date	Time
Mike McLeod		K/J	11/13/03	1700	John Sowers		EXCELCHEM	11/13/03	840

(b) left at mobile lab for later pickup

**EXCELCHEM
ENVIRONMENTAL LABS**

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3630 / EPA 8015m

Date Sampled: 10/30/03
Date Received: 10/30/03
Date Analyzed: 10/30/03



Client Sample I.D.	NW-C1-106-16		NW-C1-107-18		NW-C1-108-18	
LAB. NO.	S1003864		S1003886		S1003887	
ANALYTE	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	5.0	ND	100	1500	5.0	ND
TPH as Oil	10	ND	200	1500	10	ND

QA/QC %RECOVERY		
	MS	MSD
TPH as Oil	91	90

QA/QC Analyzed: 10/29/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

Samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/30/03
Date Reported

Environmental Labs

500 Giuseppe Court, Suite 3

Ph: 916-773-3664 Fx: 916-773-4784

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Jim Curtis

Phone #: 011-362-3251

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

Email Address: JimCurtis@KennedyJrks.com

Company/Address: 3336 Bradshaw Rd #140

Fax #: 916-362-9915

Sacramento CA 95827

Project Number/P.O#:

032777.14

Project Name: Santa Rosa Station

Project Location:

Santa Rosa Station

Sampler Signature: _____

John A. L.

ANALYSIS REQUEST

Page 1 of 1

[illegible]

Relinquished by:

André Melan

Date	Time
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10/30/00

Received by:

Remarks/Condition of Sample:

Samples rec'd through day by mobile lab

10/30/03

Relinquished by:

Date	Time
------	------

1

Received by:

elinquished by:

Date	Time
------	------

0/30/021

Received by Laboratory:

Prent Ballo

Bill To:

Signature: Kenneth Jenkins

EXCELCHEM ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Date Sampled: 10/29/03
Date Received: 10/29/03
Date Analyzed: 10/29/03

Project: Santa Rosa Station / 032777.14

Method: EPA 3550 / EPA 3510 / EPA 3630 / EPA 8015m

Client Sample I.D.	NW-D1-102-11		NW-C1-103-17		NW-C1-104-9		USTEX		NW-C1-105-8	
LAB. NO.	S1003847		S1003848		S1003849		W1003851		S1003862	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	5.0	16	5.0	14	5.0	ND	200	21000	5.0	ND
TPH as Oil	10	33	10	33	10	ND	2000	17000	10	11

Soil QA/QC %RECOVERY		
	MS	MSD
TPH as Oil	91	90

QA/QC Analyzed: 10/29/03

Water QA/QC %RECOVERY		
	LCS	LCSD
TPH as Oil	89	87

QA/QC Analyzed: 10/30/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in µg/L

Soil samples reported in mg/kg

Samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/29/03
Date Reported

Excelchem

Environmental Labs

500 Giuseppe Court, Suite 3
Roseville, CA 95678
Ph: 916-773-3664 Fx: 916-773-4784

Project Manager:

Jim Cortic

Phone #:

916 362-3251

Company/Address:

Kennedy/Tejko

Fax #:

916 362-9915

Project Number/P.O.#:

032777.14

Project Name:

Santa Rosa Station

Project Location:

Sampler Signature:

[Signature]

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

1003080

ANALYSIS REQUEST

Page of

Sample ID	Sampling		Container				Method Preserved				Matrix			BTEX/TPH as Gasoline (8020/8260B)	MTBE (8020/8260B)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18)	Pesticides (608/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8260B)	Lead Scavengers DCA/ED	Semi VOC Full List (8270C)	CAM 17 Metals	Lead	Cd, Cr, Pb, Zn, Ni (CAM 5)	Silver/Gold Wash																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</
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Relinquished by:

[Signature]

Date

10/29/03

Time

Received by:

[Signature]

Remarks/Condition of Sample:

Samples rec'd throughout day by mobile lab.

10/29/03

Relinquished by:

Date

Time

Received by:

Relinquished by:

Date

10/29/03

Time

Received by Laboratory:

[Signature]

Bill To:

Kennedy / Tejko

EXCEL CHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Project: UPRR / 032777.14

Method: EPA 3550 / EPA 3630 / EPA 8015m

Date Sampled:

11/13/03

Date Received:

11/14/03

Date Analyzed:

11/14,17/03

Client Sample I.D.	NW-D1-111-21		NW-D1-112-16		NW-D1-113-14		NW-C1-114-17		NW-C1-115-13	
LAB. NO.	S1103352		S1103353		S1103354		S1103355		S1103356	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	40	1800	40	1300	4.0	ND	1.0	ND	40	280
TPH as Oil	400	1000	400	720	40	ND	10	ND	400	410

Client Sample I.D.	NW-F1-116-10		NW-F1-117-10		NW-E1-118-10		FE-119-3.5	
LAB. NO.	S1103357		S1103358		S1103359		S1103360	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	40	200	4.0	ND	40	760	1.0	1.6
TPH as Oil	400	ND	40	100	400	510	10	ND

QA/QC %RECOVERY		
	LCS	LCSD
TPH as Diesel	108	111
TPH as Oil	73	82

QA/QC Analyzed: 11/14/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg


Laboratory Representative

11/17/03

Date Reported

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager:

Jim Curtis

Phone #:

916-362-3251

Electronic Data Deliverables Request:

Global I.D.#:

Email Address:

COC #:

Location I.D.#:

Company/Address:

Company/Address:
Kennedy/Jenks

Fax #:

916-362-9915

ANALYSIS REQUEST

INV# 1003086

Page 1 of 1

Project Number/P.O#:

032777.14

Project Name:

✓ PRR

Project Location:

Santa Rosa

Sampler Signature: _____

Wm. H. L.

[illegible]

Relinquished by:

John McLeod

Date _____

4/13

Time

1100

Received by:

Remarks/Condition of Sample:

Relinquished by:

Date _____

Time

Received by:

Relinquished by:

Date _____

Time

Received by Laboratory:

Bill To:

**EXCEL CHEM
ENVIRONMENTAL LABS**

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 8015m

Date Sampled: 10/17/03
Date Received: 10/17/03
Date Analyzed: 10/20/03

Client Sample I.D.	STKPL #1 COMP	
LAB. NO.	S1003404	
ANALYTE	R/L	Results
TPH as Gasoline	1.0	4.1*

QA/QC %RECOVERY		
	LCS	LCSD
Benzene	91	88
Toluene	91	89
Ethylbenzene	92	90
Total Xylenes	93	91

QA/QC Analyzed: 10/20/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

* The sample chromatogram does not match the standard gasoline chromatogram.

All peaks were integrated within the gasoline range. The result is an estimated value.


Laboratory Representative

10/20/03
Date Reported

EXCELCHEM

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Project: Santa Rosa Station / 032777.14
Method: EPA 8260B

Date Sampled:
Date Received:
Date Analyzed:

10/17/03
10/17/03
10/21/03



Client Sample I.D.	STKPL #1 COMP	
LAB. NO.	S1003404	
ANALYTE	R/L	Results
Dichlorodifluoromethane	0.005	ND
Chloromethane	0.005	ND
Vinyl chloride	0.005	ND
Bromomethane	0.005	ND
Chloroethane	0.005	ND
Trichlorofluoromethane	0.005	ND
Acetone	0.05	ND
1,1-Dichloroethene	0.005	ND
Iodomethane	0.005	ND
Methylene chloride	0.010	ND
Carbon disulfide	0.005	ND
trans-1,2-Dichloroethene	0.005	ND
1,1-Dichloroethane	0.005	ND
2-Butanone	0.05	ND
2,2-Dichloropropane	0.005	ND
cis-1,2-Dichloroethene	0.005	ND
Bromochloromethane	0.005	ND
Chloroform	0.005	ND
1,1,1-Trichloroethane	0.005	ND
Carbon tetrachloride	0.005	ND
1,1-Dichloropropene	0.005	ND
Benzene	0.005	ND
1,2-Dichloroethane	0.005	ND
Trichloroethene	0.005	ND
1,2-Dichloropropane	0.005	ND
Dibromomethane	0.005	ND
Bromodichloromethane	0.005	ND
cis-1,3-Dichloropropene	0.005	ND
4-Methyl-2-pentanone	0.05	ND
Toluene	0.005	ND
trans-1,3-Dichloropropene	0.005	ND
1,1,2-Trichloroethane	0.005	ND
Tetrachloroethene	0.005	ND
1,3-Dichloropropane	0.005	ND
2-Hexanone	0.05	ND
Dibromochloromethane	0.005	ND
1,2-Dibromoethane	0.005	ND

EXCELCHEM ENVIRONMENTAL LABS IS CERTIFIED BY THE STATE OF CALIFORNIA
DEPARTMENT OF HEALTH SERVICES AS A HAZARDOUS WASTE TESTING LABORATORY
(Certification No. 2119)

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 8260B

Date Sampled: 10/17/03
Date Received: 10/17/03
Date Analyzed: 10/21/03



Client Sample I.D.	STKPL #1 COMP	
LAB. NO.	S1003404	
ANALYTE	R/L	Results
Chlorobenzene	0.005	ND
1,1,1,2-Tetrachloroethane	0.005	ND
Ethylbenzene	0.005	ND
m,p-Xylene	0.005	ND
o-Xylene	0.005	ND
Styrene	0.005	ND
Bromoform	0.005	ND
Isopropylbenzene	0.005	ND
Bromobenzene	0.005	ND
1,1,2,2-Tetrachloroethane	0.005	ND
1,2,3-Trichloropropane	0.005	ND
n-Propylbenzene	0.005	ND
2-Chlorotoluene	0.005	ND
4-Chlorotoluene	0.005	ND
1,3,5-Trimethylbenzene	0.005	ND
tert-Butylbenzene	0.005	ND
1,2,4-Trimethylbenzene	0.005	0.006
sec-butylbenzene	0.005	ND
1,3-Dichlorobenzene	0.005	ND
4-Isopropyltoluene	0.005	ND
1,4-Dichlorobenzene	0.005	ND
1,2-Dichlorobenzene	0.005	ND
n-Butylbenzene	0.005	ND
1,2-Dibromo-3-chloropropane	0.005	ND
1,2,4-Trichlorobenzene	0.005	ND
Hexachlorobutadiene	0.005	ND
Naphthalene	0.005	ND
1,2,3-Trichlorobenzene	0.005	ND
SURROGATE %RECOVERY		
Dibromofluoromethane	117	
Toluene-d8	107	
4-Bromofluorobenzene	115	

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

Jim Ball
Laboratory Representative

10/21/03
Date Reported

EXCELCHEM ENVIRONMENTAL LABS IS CERTIFIED BY THE STATE OF CALIFORNIA
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**EXCELCHEM
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ANALYSIS REPORT

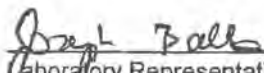


Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Project: Santa Rosa Station / 032777.14
Method: EPA 8260B

QA/QC %RECOVERY		
	LCS	LCSD
1,1-Dichloroethene	119	118
Benzene	114	114
Trichloroethene	107	105
Toluene	94	97
Chlorobenzene	101	106

QA/QC Analyzed: 10/21/03


Laboratory Representative

10/21/03
Date Reported

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: 8270C-PAH

Date Sampled: 10/17/03
Date Received: 10/17/03
Date Analyzed: 10/21/03

Client Sample I.D.	STKPL #1 COMP	
LAB. NO.	S1003404	
ANALYTE	R/L	Results
N-Nitrosodimethylamine	2.7	ND
Aniline	2.7	ND
bis (2-Chloroethyl) ether	2.7	ND
Phenol	2.7	ND
2-Chlorophenol	2.7	ND
1,3-Dichlorobenzene	2.7	ND
1,4-Dichlorobenzene	2.7	ND
1,2-Dichlorobenzene	2.7	ND
Benzyl alcohol	2.7	ND
bis (2-Chloroisopropyl) ether	2.7	ND
2-Methylphenol	2.7	ND
Hexachloroethane	2.7	ND
N-Nitroso-di-n-propylamine	2.7	ND
4-Methylphenol	2.7	ND
Nitrobenzene	2.7	ND
Isophorone	2.7	ND
2-Nitrophenol	2.7	ND
2,4-Dimethylphenol	2.7	ND
bis (2-Chloroethoxy) methane	2.7	ND
Benzoic acid	2.7	ND
2,4-Dichlorophenol	2.7	ND
1,2,4-Trichlorobenzene	2.7	ND
Napthalene	2.7	ND
4-Chloroaniline	2.7	ND
Hexachlorobutadiene	2.7	ND
4-Chloro-3-methylphenol	2.7	ND
2-Methylnaphthalene	2.7	3.3
Hexachlorocyclopentadiene	2.7	ND
2,4,6-Trichlorophenol	2.7	ND
2,4,5-Trichlorophenol	2.7	ND
2-Chloronaphthalene	2.7	ND
2-Nitroaniline	2.7	ND
Acenaphthylene	2.7	ND
Dimethylphthalate	2.7	ND
2,6-Dinitrotoluene	2.7	ND
Acenaphthene	2.7	ND

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ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Project: Santa Rosa Station / 032777.14
Method: 8270C-PAH
Method: EPA 8270C

Date Sampled:
Date Received:
Date Analyzed:

10/17/03
10/17/03
10/21/03



Client Sample I.D.	STKPL #1 COMP	
LAB. NO.	S1003404	
ANALYTE	R/L	Results
3-Nitroaniline	2.7	ND
2,4-Dinitrophenol	2.7	ND
Dibenzofuran	2.7	ND
2,4-Dinitrotoluene	2.7	ND
4-Nitrophenol	2.7	ND
Fluorene	2.7	ND
4-Chlorophenyl-phenylether	2.7	ND
Diethylphthalate	2.7	ND
4-Nitroaniline	2.7	ND
Azobenzene	2.7	ND
4,6-Dinitro-2-methylphenol	2.7	ND
Nitrosodiphenylamine	2.7	ND
4-Bromophenyl-phenylether	2.7	ND
Hexachlorobenzene	2.7	ND
Pentachlorophenol	2.7	ND
Phenanthrene	2.7	3.0
Anthracene	2.7	ND
Carbazole	2.7	ND
Di-n-butylphthalate	2.7	ND
Fluoranthene	2.7	ND
Benzidine*	19	ND
Pyrene	2.7	3.5
Butylbenzylphthalate	2.7	ND
3,3'-Dichlorobenzidine	2.7	ND
Benzo [a] anthracene	2.7	ND
Chrysene	2.7	ND
bis (2-Ethylhexyl) phthalate	2.7	ND
Di-n-octylphthalate	2.7	ND
Benzo [b] fluoranthene	2.7	ND
Benzo [k] fluoranthene	2.7	ND
Benzo [a] pyrene	2.7	ND
Indeno [1,2,3-cd] pyrene	2.7	ND
Dibenz [a,h] anthracene	2.7	ND
Benzo [g,h,i] perylene	2.7	ND

* Estimated Value

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ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: 8270C-PAH
Method: EPA 8270C

Date Sampled: 10/17/03
Date Received: 10/17/03
Date Analyzed: 10/21/03

Client Sample I.D.	STKPL #1 COMP
LAB, NO.	S1003404
SURROGATE %RECOVERY	
Fluorophenol	*
Phenol-d5	*
Nitrobenzene-d5	*
2-Fluorobiphenyl	*
2,4,6-Tribromophenol	*
Terphenyl-d14	*

QA/QC %RECOVERY		
	LCS	LCSD
Phenol	53	52
2-Chlorophenol	55	54
1,4-Dichlorobenzene	57	55
N-Nitroso-di-n-propylamine	63	63
1,2,4-Trichlorobenzene	62	59
4-Chloro-3-methylphenol	62	62
Acenaphthene	67	69
2,4-Dinitrotoluene	69	72
4-Nitrophenol	68	73
Pentachlorophenol	72	73
Pyrene	107	111

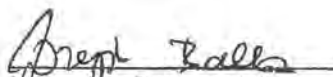
QA/QC Analyzed: 10/21/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/Kg

* Surrogate not recovered due to sample dilution.


Laboratory Representative

10/21/03
Date Reported

EXCELCHEM
ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
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Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 6010B and EPA 7471A (Hg)

Date Sampled:
Date Received:
Date Analyzed:

10/17/03
10/17/03
10/20/03

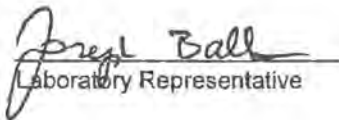


Client Sample I.D.	STKPL #1 COMP	
LAB. NO.	S1003404	
ANALYTE	R/L	Results
Antimony	1.0	7.5
Arsenic	2.0	3.1
Barium	2.0	150
Beryllium	0.3	ND
Cadmium	0.5	0.9
Chromium	1.0	82
Cobalt	5.0	18
Copper	2.0	42
Lead	1.0	13
Mercury	0.010	0.045
Molybdenum	1.0	ND
Nickel	1.0	120
Selenium	2.0	ND
Silver	1.0	ND
Thallium	2.0	ND
Vanadium	2.0	54
Zinc	2.0	53

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg


Laboratory Representative

10/20/03
Date Reported

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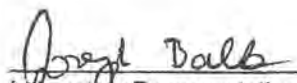
ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 6010B and EPA 7471A (Hg)

QA/QC %RECOVERY				
	LCS	LCSD	MS	MSD
Antimony	90	95	84	87
Arsenic	102	103	99	97
Barium	101	103	100	99
Beryllium	103	103	100	99
Cadmium	104	104	95	97
Chromium	104	103	94	99
Cobalt	103	103	100	98
Copper	103	104	111	112
Lead	100	100	111	93
Mercury	88	87	81	76
Molybdenum	103	103	97	97
Nickel	106	104	101	100
Selenium	103	102	95	96
Silver	97	98	98	95
Thallium	100	98	96	95
Vanadium	102	100	105	107
Zinc	105	102	102	101

QA/QC Analyzed: 10/20/03


Laboratory Representative

10/20/03
Date Reported

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Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3630 / EPA 8015m

Date Sampled:
Date Received:
Date Analyzed:

10/17/03
10/17/03
10/17/03

Client Sample I.D.	STKPL #1 COMP	
LAB. NO.	S1003404	
ANALYTE	R/L	Results
TPH as Diesel	250	1700
TPH as Oil	500	2100

QA/QC %RECOVERY		
	MS	MSD
TPH as Oil	81	79

QA/QC Analyzed: 10/17/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

Sample was analyzed for TPHd and TPHo at the mobile site in Santa Rosa.


Laboratory Representative

10/17/03
Date Reported

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EXCELCHEM

ENVIRONMENTAL LABS

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ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Project: Santa Rosa Station / 032777.14
Method: EPA 8260B

Date Sampled:
Date Received:
Date Analyzed:

10/20/03
10/21/03
10/23/03



Client Sample I.D.	STKPL #2 COMP	
LAB. NO.	S1003459	
ANALYTE	R/L	Results
Dichlorodifluoromethane	0.005	ND
Chloromethane	0.005	ND
Vinyl chloride	0.005	ND
Bromomethane	0.005	ND
Chloroethane	0.005	ND
Trichlorofluoromethane	0.005	ND
Acetone	0.05	ND
1,1-Dichloroethene	0.005	ND
Iodomethane	0.005	ND
Methylene chloride	0.020	ND
Carbon disulfide	0.005	ND
trans-1,2-Dichloroethene	0.005	ND
1,1-Dichloroethane	0.005	ND
2-Butanone	0.05	ND
2,2-Dichloropropane	0.005	ND
cis-1,2-Dichloroethene	0.005	ND
Bromochloromethane	0.005	ND
Chloroform	0.005	ND
1,1,1-Trichloroethane	0.005	ND
Carbon tetrachloride	0.005	ND
1,1-Dichloropropene	0.005	ND
Benzene	0.005	ND
1,2-Dichloroethane	0.005	ND
Trichloroethene	0.005	ND
1,2-Dichloropropane	0.005	ND
Dibromomethane	0.005	ND
Bromodichloromethane	0.005	ND
cis-1,3-Dichloropropene	0.005	ND
4-Methyl-2-pentanone	0.05	ND
Toluene	0.005	ND
trans-1,3-Dichloropropene	0.005	ND
1,1,2-Trichloroethane	0.005	ND
Tetrachloroethene	0.005	ND
1,3-Dichloropropane	0.005	ND
2-Hexanone	0.05	ND
Dibromochloromethane	0.005	ND
1,2-Dibromoethane	0.005	ND

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ANALYSIS REPORT



Attention: Jim Curtis
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Project: Santa Rosa Station / 032777.14
Method: EPA 8260B

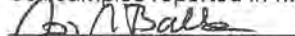
Date Sampled: 10/20/03
Date Received: 10/21/03
Date Analyzed: 10/23/03

Client Sample I.D.	STKPL #2 COMP	
LAB. NO.	S1003459	
ANALYTE	R/L	Results
Chlorobenzene	0.005	ND
1,1,1,2-Tetrachloroethane	0.005	ND
Ethylbenzene	0.005	ND
m,p-Xylene	0.005	ND
o-Xylene	0.005	ND
Styrene	0.005	ND
Bromoform	0.005	ND
Isopropylbenzene	0.005	ND
Bromobenzene	0.005	ND
1,1,2,2-Tetrachloroethane	0.005	ND
1,2,3-Trichloropropane	0.005	ND
n-Propylbenzene	0.005	ND
2-Chlorotoluene	0.005	ND
4-Chlorotoluene	0.005	ND
1,3,5-Trimethylbenzene	0.005	ND
tert-Butylbenzene	0.005	ND
1,2,4-Trimethylbenzene	0.005	ND
sec-butylbenzene	0.005	ND
1,3-Dichlorobenzene	0.005	ND
4-Isopropyltoluene	0.005	ND
1,4-Dichlorobenzene	0.005	ND
1,2-Dichlorobenzene	0.005	ND
n-Butylbenzene	0.005	ND
1,2-Dibromo-3-chloropropane	0.005	ND
1,2,4-Trichlorobenzene	0.005	ND
Hexachlorobutadiene	0.005	ND
Naphthalene	0.005	ND
1,2,3-Trichlorobenzene	0.005	ND
SURROGATE %RECOVERY		
Dibromofluoromethane	105	
Toluene-d8	104	
4-Bromofluorobenzene	117	

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg


Laboratory Representative

10/23/03
Date Reported

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ENVIRONMENTAL LABS**

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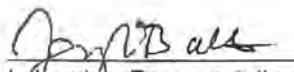
ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 8260B

QA/QC %RECOVERY		
	LCS	LCSD
1,1-Dichloroethene	102	96
Benzene	94	92
Trichloroethene	96	90
Toluene	101	100
Chlorobenzene	99	94

QA/QC Analyzed: 10/23/03


Laboratory Representative

10/23/03
Date Reported

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ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: 8270C-PAH

Date Sampled: 10/20/03
Date Received: 10/21/03
Date Analyzed: 10/23/03

Client Sample I.D.	STKPL #2 COMP	
LAB. NO.	S1003459	
ANALYTE	R/L**	Results
N-Nitrosodimethylamine	1.3	ND
Aniline	1.3	ND
bis (2-Chloroethyl) ether	1.3	ND
Phenol	1.3	ND
2-Chlorophenol	1.3	ND
1,3-Dichlorobenzene	1.3	ND
1,4-Dichlorobenzene	1.3	ND
1,2-Dichlorobenzene	1.3	ND
Benzyl alcohol	1.3	ND
bis (2-Chloroisopropyl) ether	1.3	ND
2-Methylphenol	1.3	ND
Hexachloroethane	1.3	ND
N-Nitroso-di-n-propylamine	1.3	ND
4-Methylphenol	1.3	ND
Nitrobenzene	1.3	ND
Isophorone	1.3	ND
2-Nitrophenol	1.3	ND
2,4-Dimethylphenol	1.3	ND
bis (2-Chloroethoxy) methane	1.3	ND
Benzoic acid	1.3	ND
2,4-Dichlorophenol	1.3	ND
1,2,4-Trichlorobenzene	1.3	ND
Napthalene	1.3	ND
4-Chloroaniline	1.3	ND
Hexachlorobutadiene	1.3	ND
4-Chloro-3-methylphenol	1.3	ND
2-Methylnaphthalene	1.3	ND
Hexachlorocyclopentadiene	1.3	ND
2,4,6-Trichlorophenol	1.3	ND
2,4,5-Trichlorophenol	1.3	ND
2-Chloronaphthalene	1.3	ND
2-Nitroaniline	1.3	ND
Acenaphthylene	1.3	ND
Dimethylphthalate	1.3	ND
2,6-Dinitrotoluene	1.3	ND
Acenaphthene	1.3	ND

** Elevated reporting levels are due to high concentration of non-target analytes requiring sample dilution.

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ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Project: Santa Rosa Station / 032777.14
Method: 8270C-PAH
Method: EPA 8270C

Date Sampled:
Date Received:
Date Analyzed:

10/20/03
10/21/03



Client Sample I.D.	STKPL #2 COMP	
LAB. NO.	S1003459	
ANALYTE	R/L**	Results
3-Nitroaniline	1.3	ND
2,4-Dinitrophenol	1.3	ND
Dibenzofuran	1.3	ND
2,4-Dinitrotoluene	1.3	ND
4-Nitrophenol	1.3	ND
Fluorene	1.3	ND
4-Chlorophenyl-phenylether	1.3	ND
Diethylphthalate	1.3	ND
4-Nitroaniline	1.3	ND
Azobenzene	1.3	ND
4,6-Dinitro-2-methylphenol	1.3	ND
Nitrosodiphenylamine	1.3	ND
4-Bromophenyl-phenylether	1.3	ND
Hexachlorobenzene	1.3	ND
Pentachlorophenol	1.3	ND
Phenanthrene	1.3	ND
Anthracene	1.3	ND
Carbazole	1.3	ND
Di-n-butylphthalate	1.3	ND
Fluoranthene	1.3	ND
Benzidine*	9.3	ND
Pyrene	1.3	ND
Butylbenzylphthalate	1.3	ND
3,3'-Dichlorobenzidine	1.3	ND
Benzo [a] anthracene	1.3	ND
Chrysene	1.3	ND
bis (2-Ethylhexyl) phthalate	1.3	ND
Di-n-octylphthalate	1.3	ND
Benzo [b] fluoranthene	1.3	ND
Benzo [k] fluoranthene	1.3	ND
Benzo [a] pyrene	1.3	ND
Indeno [1,2,3-cd] pyrene	1.3	ND
Dibenz [a,h] anthracene	1.3	ND
Benzo [g,h,i] perylene	1.3	ND

* Estimated Value

** Elevated reporting levels are due to high concentration of non-target analytes requiring sample dilution.

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DEPARTMENT OF HEALTH SERVICES AS A HAZARDOUS WASTE TESTING LABORATORY
(Certification No. 2118)

EXCEL CHEM
ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: 8270C-PAH
Method: EPA 8270C

Date Sampled: 10/20/03
Date Received: 10/21/03
Date Analyzed: 10/23/03



Client Sample I.D.	STKPL #2 COMP
LAB. NO.	S1003459
SURROGATE %RECOVERY	
Fluorophenol	71
Phenol-d5	53
Nitrobenzene-d5	43
2-Fluorobiphenyl	79
2,4,6-Tribromophenol	69
Terphenyl-d14	99

QA/QC %RECOVERY		
	LCS	LCSD
Phenol	57	56
2-Chlorophenol	65	64
1,4-Dichlorobenzene	67	66
N-Nitroso-di-n-propylamine	64	66
1,2,4-Trichlorobenzene	73	72
4-Chloro-3-methylphenol	67	70
Acenaphthene	71	76
2,4-Dinitrotoluene	65	70
4-Nitrophenol	13	15
Pentachlorophenol	48	53
Pyrene	103	107

QA/QC Analyzed: 10/22/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/Kg


Laboratory Representative

10/23/03
Date Reported

**EXCELCHEM
ENVIRONMENTAL LABS**

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 6010B and EPA 7471A (Hg)

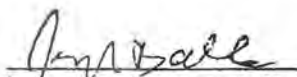
Date Sampled: 10/20/03
Date Received: 10/21/03
Date Analyzed: 10/22/03

Client Sample I.D.	STKPL #2 COMP	
LAB. NO.	S1003459	
ANALYTE	R/L	Results
Antimony	1.0	6.9
Arsenic	2.0	2.4
Barium	2.0	150
Beryllium	0.4	ND
Cadmium	0.5	0.7
Chromium	1.0	75
Cobalt	5.0	20
Copper	2.0	27
Lead	1.0	13
Mercury	0.010	0.062
Molybdenum	1.0	ND
Nickel	1.0	95
Selenium	2.0	ND
Silver	1.0	ND
Thallium	2.0	ND
Vanadium	2.0	61
Zinc	2.0	60

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg


Laboratory Representative

10/23/03
Date Reported

EXCELCHEM

ENVIRONMENTAL LABS



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Roseville, CA 95678

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ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 6010B and EPA 7471A (Hg)

QA/QC %RECOVERY				
	LCS	LCSD	MS	MSD
Antimony	89	95	78	85
Arsenic	105	103	95	97
Barium	108	106	148	97
Beryllium	103	103	99	102
Cadmium	108	107	97	97
Chromium	104	102	102	81
Cobalt	105	105	96	93
Copper	105	103	107	98
Lead	102	100	94	88
Mercury	101	98	111	94
Molybdenum	106	105	94	97
Nickel	108	106	109	86
Selenium	107	106	96	98
Silver	102	101	98	101
Thallium	106	105	96	99
Vanadium	106	103	97	81
Zinc	104	103	101	84

QA/QC Analyzed: 10/22/03


Laboratory Representative

10/23/03
Date Reported

**EXCELCHEM
ENVIRONMENTAL LABS**

500 Giuseppe Court, Suite 3
Roseville, CA 95678
Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3630 / EPA 8015m

Date Sampled: 10/20/03
Date Received: 10/21/03
Date Analyzed: 10/22/03

Client Sample I.D.	STKPL #2 COMP	
LAB. NO.	S1003459	
ANALYTE	R/L	Results
TPH as Diesel	250	550
TPH as Oil	500	700

QA/QC %RECOVERY		
	LCS	LCSD
TPH as Oil	91	95

QA/QC Analyzed: 10/20/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

Samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/20/03
Date Reported

200 New Stine Rd., #115, Bakersfield, CA 93309
530 South 336th St., Federal Way, WA 98003
☐ 17310 Red Hill Ave., #220, Irvine, CA 92714
☐ 2181 East Bayshore Rd., #200, Palo Alto, CA 94303

☐ 5190 Neil Road, #300, Reno, NV 8
☒ 3336 Bradshaw Rd., #140, Secran. CA 95877
☐ 303 Second St., San Francisco, CA 94107
☐ 1000 Hill Rd., #200, Ventura, CA 93003

PH no, TAD

Report To John Lewis

Company**Address**

Project No. 03C77-1,14

Phone

(5)	
ANALYSES REQUESTED	
TPH w/o TPH2	
BVOCs w/ PHTH	
VOCs	
Trace Metals	

bin 32
June 10/23

Address 1003080 / 1003086

Phone

Carrier/Way Bill No.

{Container type, container number, etc.}

miy well

- (1) Write only one sample number in each space.
(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.
(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.
(4) Preservation of sample.
(5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

SAMPLE RECEIVED BY:

Print Name	Signature	Company	Date	Time	Print Name	Signature	Company	Date	Time
Jim Curtis		Kennedy Jett	10/20/03	1400	John Samers		EXCELICHEM	10/20/03	1400

EXCELCHEM ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Curt Griffiths
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Date Sampled: 10/17,20,21,22,24,29,31/03
Date Received: 11/07/03
Date Analyzed: 11/14/03

Project: Santa Rosa Station / 032777.14
Method: Title 22 WET / EPA 6010 & 7470A

Client Sample I.D.	Stockpile #1		Stockpile #2		Stockpile #3		Stockpile #4		Stockpile #5		Stockpile #6	
LAB. NO.	S1003404		S1003459		S1003522		S1003525		S1003558		S1003736	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Antimony	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Chromium	0.2	0.3	0.2	ND	0.2	0.2	0.2	0.5	0.2	0.3	0.2	ND
Lead	0.2	1.0	0.2	ND	0.2	1.3	0.2	0.5	0.2	ND	0.2	0.3
Mercury	0.00025	ND	0.00025	ND	0.00025	ND	0.00025	ND	0.00025	ND	0.00025	ND
Nickel	0.2	2.0	0.2	2.6	0.2	1.1	0.2	2.2	0.2	1.9	0.2	1.2
Vanadium	0.4	0.4	0.4	0.4	0.4	ND	0.4	1.0	0.4	0.6	0.4	0.5

Client Sample I.D.	Stockpile #7		Stockpile #8		Stockpile #9		Stockpile #10		Stockpile #12	
LAB. NO.	S1003774		S1003846		S1003850		S1003863		S1103009	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Antimony	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Chromium	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Lead	0.2	0.4	0.2	ND	0.2	0.7	0.2	ND	0.2	ND
Mercury	0.00025	ND	0.00025	ND	0.00025	ND	0.00025	ND	0.00025	0.0034
Nickel	0.2	1.5	0.2	1.9	0.2	1.3	0.2	1.7	0.2	1.6
Vanadium	0.4	ND	0.4	0.4	0.4	ND	0.4	ND	0.4	ND

QA/QC %RECOVERY				
	LCS	LCSD	MS	MSD
Antimony	110	110	107	108
Chromium	104	107	105	108
Lead	107	105	105	107
Nickel	107	107	106	106
Vanadium	107	108	104	109

QA/QC Analyzed: 11/14/03

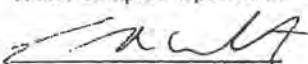
QA/QC %RECOVERY		
	LCS	LCSD
Mercury	100	100

QA/QC Analyzed: 11/14/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

11/17/03
Date Reported

Excelcher

Environmental Labs

Project Manager:

Curt Grissiti

Company/Address:

Kennedy - JCNKs

500 Giuseppe Court, Suite 3
Roseville, CA 95678
Ph: 916-773-3664 Fx: 916-773-4784

Phone #:

Fax #:

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

1003086 / 1003080

ANALYSIS REQUEST

Page 1 of 2

Project Number/P.O.#:

32777-14

Project Name:

Santa Rosa Station

Project Location:

Sampler Signature:

Sample ID	Sampling		Container				Method Preserved				Matrix			BTEX/TPH as Gasoline (8020/8260B)	MTBE (8020/8260B)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18)	Pesticides (608/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8260)	Lead Scavengers DCA/ED	Semi VOC Full List (8270C)	CAM 17 Metals	Lead	Cd, Cr, Pb, Zn, Ni (CAM 5)	STLC - Sb, Cr, Pb, Hg, Ni, V	Requested TAT: 12hr/24hr/48hr/72hr (W)	Bin#	Due Date:	LAB USE ONLY
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	HCl	HNO3	ICE	NONE	WATER	SOIL	AIR																				
Stackpile #1	10/17	1204		X					X		X																	X				X	51003736
Stackpile #2	10/20	1380									X																	X				X	51003459
Stackpile #3	10/21	0900									X																	X				X	51003522
Stackpile #4	10/21	1115									X																	X				X	51003525
Stackpile #5	10/22	1010									X																	X				X	51003558
Stackpile #6	10/24	1008									X																	X				X	51003736
Stackpile #7	10/24	1615									X																	X				X	51003774
Stackpile #8	10/29	1100									X																	X				X	51003846
Stackpile #9	10/29	1330									X																	X				X	51003850
Stackpile #10	10/29	1615									X																	X				X	51003863

Relinquished by:	Date	Time	Received by:	Remarks/Condition of Sample: X Client verbally called in & requested analysis please sign and date approval for additional analyses.
Relinquished by:	Date	Time	Received by:	
Relinquished by:	Date	Time	Received by Laboratory:	

**EXCELCHEM
ENVIRONMENTAL LABS**

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

Attention: Jim Curtis, Curt Griffiths
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777
Method: Title 22 WET & EPA 6010

Date Sampled: 10/21/03
Date Received: 10/30/03
Date Analyzed: 11/03/03

Client Sample I.D.	Stockpile #3	
LAB. NO.	S1003522	
ANALYTE	R/L	Results
Lead	0.2	1.4

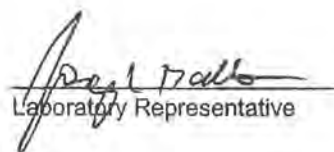
QA/QC %RECOVERY				
	LCS	LCSD	MS	MSD
Lead	103	104	102	105

QA/QC Analyzed: 11/03/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

WET results given in mg/L


Laboratory Representative

11/03/03
Date Reported

Excelchem Environmental Labs Project Manager: <i>Sam Curtis / Kurt G. Jenkins</i> Company/Address: <i>Kennedy, Jenks</i> Project Number/P.O#: <i>032777</i> Project Location:		500 Giuseppe Court, Suite 3 Roseville, CA 95678 PH: 916-773-3884 FX: 916-773-4784 Phone #: <i>362-3251 / 530-841-9283</i> Fax #: <i>362-49151 / 530-841-9283</i> Project Name: <i>Santa Rosa Station</i> Sampler Signature:		CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST Electronic Data Deliverables Request: Global I.D.#: COC #: Location I.D.#: ANALYSIS REQUEST <i>INV#1003086</i>	
Page <i>1</i> of <i>1</i>		Bind <i>32</i> Due Date: <i>11-6</i> Requested TAT: <i>12hr/24hr/48hr/72hr/1wk</i> LAB USE ONLY:		Wet <input checked="" type="checkbox"/> Total <input type="checkbox"/> Lead <i>-57LL</i> Cd, Cr, Pb, Zn, Ni (CAM S)	
Sample ID	Sampling Date Time	Container VOA SLEEVE 1L GLASS PLASTIC	Method Preserved HCl HNO3 ICE NONE	Matrix WATER SOIL AIR	BTEX/TPH as Gasoline (802/8020/8015) MTBE (8020/8280B) TPH as Diesel (8015m) TPH as Oil (8015m) Total Oil & Grease (SM-18m E4 8520B, F/168) Pesticides (808/8081A) PCBs (8082) VOC Full List (8280B) 6 Oxygenates (8280B) Methanol/Ethanol (8015/8280) Lead Scavenger DCA/EDB (8280B) Semi VOC Full List (8270C) CAM 17 Metals
<i>Stockpile #3</i>	<i>10/21/03 0900</i>	<i>Y</i>	<i>X</i>	<i>X</i>	<i>X</i>
Relinquished by:		Date Time	Received by:		Remarks/Condition of Sample: <i>5 Day TAT</i> <i>please sign & date approval</i>
Relinquished by:		Date Time	Received by:		
Relinquished by:		Date Time	Received by Laboratory:		
					Bill To:

EXCEL CHEM

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 8260B

Date Sampled: 10/21/03
Date Received: 10/21/03
Date Analyzed: 10/23/03



Client Sample I.D.	STKPL #3 COMP		STKPL #4 COMP	
LAB. NO.	S1003522		S1003525	
ANALYTE	R/L	Results	R/L	Results
Dichlorodifluoromethane	0.005	ND	0.005	ND
Chloromethane	0.005	ND	0.005	ND
Vinyl chloride	0.005	ND	0.005	ND
Bromomethane	0.005	ND	0.005	ND
Chloroethane	0.005	ND	0.005	ND
Trichlorofluoromethane	0.005	ND	0.005	ND
Acetone	0.05	ND	0.10	ND
1,1-Dichloroethene	0.005	ND	0.005	ND
Iodomethane	0.005	ND	0.005	ND
Methylene chloride	0.020	ND	0.020	ND
Carbon disulfide	0.005	ND	0.005	ND
trans-1,2-Dichloroethene	0.005	ND	0.005	ND
1,1-Dichloroethane	0.005	ND	0.005	ND
2-Butanone	0.05	ND	0.05	ND
2,2-Dichloropropane	0.005	ND	0.005	ND
cis-1,2-Dichloroethene	0.005	ND	0.005	ND
Bromochloromethane	0.005	ND	0.005	ND
Chloroform	0.005	ND	0.005	ND
1,1,1-Trichloroethane	0.005	ND	0.005	ND
Carbon tetrachloride	0.005	ND	0.005	ND
1,1-Dichloropropene	0.005	ND	0.005	ND
Benzene	0.005	ND	0.005	ND
1,2-Dichloroethane	0.005	ND	0.005	ND
Trichloroethene	0.005	ND	0.005	ND
1,2-Dichloropropane	0.005	ND	0.005	ND
Dibromomethane	0.005	ND	0.005	ND
Bromodichloromethane	0.005	ND	0.005	ND
cis-1,3-Dichloropropene	0.005	ND	0.005	ND
4-Methyl-2-pentanone	0.05	ND	0.05	ND
Toluene	0.005	ND	0.005	ND
trans-1,3-Dichloropropene	0.005	ND	0.005	ND
1,1,2-Trichloroethane	0.005	ND	0.005	ND
Tetrachloroethene	0.005	ND	0.005	ND
1,3-Dichloropropane	0.005	ND	0.005	ND
2-Hexanone	0.05	ND	0.05	ND
Dibromochloromethane	0.005	ND	0.005	ND
1,2-Dibromoethane	0.005	ND	0.005	ND

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DEPARTMENT OF HEALTH SERVICES AS A HAZARDOUS WASTE TESTING LABORATORY
(Certification No. 2119)

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Project: Santa Rosa Station / 032777.14
Method: EPA 8260B

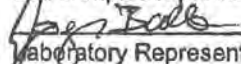
Date Sampled: 10/21/03
Date Received: 10/21/03
Date Analyzed: 10/23/03

Client Sample I.D.	STKPL #3 COMP		STKPL #4 COMP	
LAB. NO.	S1003522		S1003525	
ANALYTE	R/L	Results	R/L	Results
Chlorobenzene	0.005	ND	0.005	ND
1,1,1,2-Tetrachloroethane	0.005	ND	0.005	ND
Ethylbenzene	0.005	ND	0.005	ND
m,p-Xylene	0.005	ND	0.005	ND
o-Xylene	0.005	ND	0.005	ND
Styrene	0.005	ND	0.005	ND
Bromoform	0.005	ND	0.005	ND
Isopropylbenzene	0.005	ND	0.005	0.012
Bromobenzene	0.005	ND	0.005	ND
1,1,2,2-Tetrachloroethane	0.005	ND	0.005	ND
1,2,3-Trichloropropane	0.005	ND	0.005	ND
n-Propylbenzene	0.005	ND	0.005	0.019
2-Chlorotoluene	0.005	ND	0.005	ND
4-Chlorotoluene	0.005	ND	0.005	ND
1,3,5-Trimethylbenzene	0.005	ND	0.005	ND
tert-Butylbenzene	0.005	ND	0.005	ND
1,2,4-Trimethylbenzene	0.005	ND	0.005	ND
sec-butylbenzene	0.005	ND	0.005	0.011
1,3-Dichlorobenzene	0.005	ND	0.005	ND
4-Isopropyltoluene	0.005	ND	0.005	ND
1,4-Dichlorobenzene	0.005	ND	0.005	ND
1,2-Dichlorobenzene	0.005	ND	0.005	ND
n-Butylbenzene	0.005	ND	0.005	0.025
1,2-Dibromo-3-chloropropane	0.005	ND	0.005	ND
1,2,4-Trichlorobenzene	0.005	ND	0.005	ND
Hexachlorobutadiene	0.005	ND	0.005	ND
Naphthalene	0.005	0.011	0.025	0.56
1,2,3-Trichlorobenzene	0.005	ND	0.005	ND
SURROGATE %RECOVERY				
Dibromofluoromethane		103		120
Toluene-d8		104		104
4-Bromofluorobenzene		113		127

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg


Laboratory Representative

10/23/03
Date Reported

EXCELCHEM ENVIRONMENTAL LABS IS CERTIFIED BY THE STATE OF CALIFORNIA
DEPARTMENT OF HEALTH SERVICES AS A HAZARDOUS WASTE TESTING LABORATORY
(Certification No. 2119)

**EXCELCHEM
ENVIRONMENTAL LABS**

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784
ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 8260B

QA/QC %RECOVERY		
	LCS	LCSD
1,1-Dichloroethene	102	96
Benzene	94	92
Trichloroethene	96	90
Toluene	101	100
Chlorobenzene	99	94

QA/QC Analyzed: 10/23/03


Laboratory Representative

10/23/03
Date Reported

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Project: Santa Rosa Station / 032777.14
Method: 8270C-PAH

Date Sampled: 10/21/03
Date Received: 10/21/03
Date Analyzed: 10/23/03

Client Sample I.D.	STKPL #3 COMP		STKPL #4 COMP	
LAB. NO.	S1003522		S1003525	
ANALYTE	R/L	Results	R/L	Results
N-Nitrosodimethylamine	1.3	ND	1.3	ND
Aniline	1.3	ND	1.3	ND
bis (2-Chloroethyl) ether	1.3	ND	1.3	ND
Phenol	1.3	ND	1.3	ND
2-Chlorophenol	1.3	ND	1.3	ND
1,3-Dichlorobenzene	1.3	ND	1.3	ND
1,4-Dichlorobenzene	1.3	ND	1.3	ND
1,2-Dichlorobenzene	1.3	ND	1.3	ND
Benzyl alcohol	1.3	ND	1.3	ND
bis (2-Chloroisopropyl) ether	1.3	ND	1.3	ND
2-Methylphenol	1.3	ND	1.3	ND
Hexachloroethane	1.3	ND	1.3	ND
N-Nitroso-di-n-propylamine	1.3	ND	1.3	ND
4-Methylphenol	1.3	ND	1.3	ND
Nitrobenzene	1.3	ND	1.3	ND
Isophorone	1.3	ND	1.3	ND
2-Nitrophenol	1.3	ND	1.3	ND
2,4-Dimethylphenol	1.3	ND	1.3	ND
bis (2-Chloroethoxy) methane	1.3	ND	1.3	ND
Benzoic acid	1.3	ND	1.3	ND
2,4-Dichlorophenol	1.3	ND	1.3	ND
1,2,4-Trichlorobenzene	1.3	ND	1.3	ND
Napthalene	1.3	ND	1.3	4.9
4-Chloroaniline	1.3	ND	1.3	ND
Hexachlorobutadiene	1.3	ND	1.3	ND
4-Chloro-3-methylphenol	1.3	ND	1.3	ND
2-Methylnaphthalene	1.3	ND	1.3	35
Hexachlorocyclopentadiene	1.3	ND	1.3	ND
2,4,6-Trichlorophenol	1.3	ND	1.3	ND
2,4,5-Trichlorophenol	1.3	ND	1.3	ND
2-Chloronaphthalene	1.3	ND	1.3	ND
2-Nitroaniline	1.3	ND	1.3	ND
Acenaphthylene	1.3	ND	1.3	ND
Dimethylphthalate	1.3	ND	1.3	ND
2,6-Dinitrotoluene	1.3	ND	1.3	ND
Acenaphthene	1.3	ND	1.3	1.8

EXCELCHEM ENVIRONMENTAL LABS IS CERTIFIED BY THE STATE OF CALIFORNIA
DEPARTMENT OF HEALTH SERVICES AS A HAZARDOUS WASTE TESTING LABORATORY
(Certification No. 2119)

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: 8270C-PAH
Method: EPA 8270C

Date Sampled: 10/21/03
Date Received: 10/21/03
Date Analyzed: 10/23/03

Client Sample I.D.	STKPL #3 COMP		STKPL #4 COMP	
LAB. NO.	S1003522		S1003525	
ANALYTE	R/L	Results	R/L	Results
3-Nitroaniline	1.3	ND	1.3	ND
2,4-Dinitrophenol	1.3	ND	1.3	ND
Dibenzofuran	1.3	ND	1.3	ND
2,4-Dinitrotoluene	1.3	ND	1.3	ND
4-Nitrophenol	1.3	ND	1.3	ND
Fluorene	1.3	ND	1.3	ND
4-Chlorophenyl-phenylether	1.3	ND	1.3	ND
Diethylphthalate	1.3	ND	1.3	ND
4-Nitroaniline	1.3	ND	1.3	ND
Azobenzene	1.3	ND	1.3	ND
4,6-Dinitro-2-methylphenol	1.3	ND	1.3	ND
Nitrosodiphenylamine	1.3	ND	1.3	ND
4-Bromophenyl-phenylether	1.3	ND	1.3	ND
Hexachlorobenzene	1.3	ND	1.3	ND
Pentachlorophenol	1.3	ND	1.3	ND
Phenanthrene	1.3	2.7	1.3	8.9
Anthracene	1.3	ND	1.3	ND
Carbazole	1.3	ND	1.3	ND
Di-n-butylphthalate	1.3	ND	1.3	ND
Fluoranthene	1.3	3.3	1.3	ND
Benzidine*	9.3	ND	9.3	ND
Pyrene	1.3	2.2	1.3	3.9
Butylbenzylphthalate	1.3	ND	1.3	ND
3,3'-Dichlorobenzidine	1.3	ND	1.3	ND
Benzo [a] anthracene	1.3	ND	1.3	1.7
Chrysene	1.3	ND	1.3	ND
bis (2-Ethylhexyl) phthalate	1.3	ND	1.3	ND
Di-n-octylphthalate	1.3	ND	1.3	ND
Benzo [b] fluoranthene	1.3	ND	1.3	ND
Benzo [k] fluoranthene	1.3	ND	1.3	ND
Benzo [a] pyrene	1.3	ND	1.3	ND
Indeno [1,2,3-cd] pyrene	1.3	ND	1.3	ND
Dibenz [a,h] anthracene	1.3	ND	1.3	ND
Benzo [g,h,i] perylene	1.3	ND	1.3	ND

* Estimated Value

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: 8270C-PAH
Method: EPA 8270C

Date Sampled: 10/21/03
Date Received: 10/21/03
Date Analyzed: 10/23/03

Client Sample I.D.	STKPL #3 COMP	STKPL #4 COMP
LAB. NO.	S1003522	S1003525
SURROGATE %RECOVERY		
Fluorophenol	77	14
Phenol-d5	51	15
Nitrobenzene-d5	39	38
2-Fluorobiphenyl	67	94
2,4,6-Tribromophenol	71	97
Terphenyl-d14	81	107

QA/QC %RECOVERY		
	LCS	LCSD
Phenol	57	56
2-Chlorophenol	65	64
1,4-Dichlorobenzene	67	66
N-Nitroso-di-n-propylamine	64	66
1,2,4-Trichlorobenzene	73	72
4-Chloro-3-methylphenol	67	70
Acenaphthene	71	76
2,4-Dinitrotoluene	65	70
4-Nitrophenol	13	15
Pentachlorophenol	48	53
Pyrene	103	107

QA/QC Analyzed: 10/22/03

QA/QC %RECOVERY		
	LCS	LCSD
Phenol	*	*
2-Chlorophenol	*	*
1,4-Dichlorobenzene	*	*
N-Nitroso-di-n-propylamine	*	*
1,2,4-Trichlorobenzene	*	*
4-Chloro-3-methylphenol	*	*
Acenaphthene	*	*
2,4-Dinitrotoluene	*	*
4-Nitrophenol	*	*
Pentachlorophenol	*	*
Pyrene	*	*

QA/QC Analyzed:

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/Kg

* To follow


Laboratory Representative

10/23/03
Date Reported

EXCELCHEM
ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 6010B and EPA 7471A (Hg)

QA/QC %RECOVERY				
	LCS	LCSD	MS	MSD
Antimony	89	95	78	85
Arsenic	105	103	95	97
Barium	108	106	148	97
Beryllium	103	103	99	102
Cadmium	108	107	97	97
Chromium	104	102	102	81
Cobalt	105	105	96	93
Copper	105	103	107	98
Lead	102	100	94	88
Mercury	101	98	111	94
Molybdenum	106	105	94	97
Nickel	108	106	109	86
Selenium	107	106	96	98
Silver	102	101	98	101
Thallium	106	105	96	99
Vanadium	106	103	97	81
Zinc	104	103	101	84

QA/QC Analyzed: 10/22/03


Laboratory Representative

10/23/03
Date Reported

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis

Kennedy Jenks

180 E. 4th Street, Suite 500

Chico, CA 95928

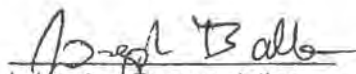
Project: Santa Rosa Station / 032777.14

Method: EPA 6010B and EPA 7471A (Hg)



QA/QC %RECOVERY				
	LCS	LCSD	MS	MSD
Antimony	85	93	77	81
Arsenic	103	104	102	100
Barium	111	109	112	120
Beryllium	102	104	105	103
Cadmium	103	108	99	99
Chromium	102	103	100	92
Cobalt	102	105	95	95
Copper	101	100	118	110
Lead	103	103	113	108
Mercury	92	91	99	75
Molybdenum	106	107	99	100
Nickel	104	105	108	101
Selenium	105	103	96	95
Silver	107	102	105	105
Thallium	104	105	100	97
Vanadium	104	103	103	100
Zinc	105	108	126	116

QA/QC Analyzed: 10/23/03


Laboratory Representative

10/23/03

Date Reported

**EXCELCHEM
ENVIRONMENTAL LABS**

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Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3630 / EPA 8015m

Date Sampled: 10/21/03
Date Received: 10/21/03
Date Analyzed: 10/21/03

Client Sample I.D.	STKPL #3 COMP		STKPL #4 COMP	
LAB. NO.	S1003522		S1003525	
ANALYTE	R/L	Results	R/L	Results
TPH as Diesel	100	ND	100	5300
TPH as Oil	200	550	200	3700

QA/QC %RECOVERY		
	LCS	LCSD
TPH as Oil	85	88

QA/QC Analyzed: 10/21/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

Samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/21/03
Date Reported

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

☐ 200 New Stine Rd., #115, Bakersfield, CA 93309
☐ 530 South 336th St., Federal Way, WA 98003
☐ 17310 Red Hill Ave., #220, Irvine, CA 92714
☐ 2191 East Bayshore Rd., #200, Palo Alto, CA 94303

☐ 5190 Neil Road, #300, Reno, NV 89502
☒ 3336 Bradshaw Rd., #140, Sacramento, CA 95827
☐ 303 Second St., San Francisco, CA 94107
☐ 1000 Hill Rd., #200, Ventura, CA 93003

POSSIBLE HAZARDS:

TPH NO, TPH2

Date 10/21/03

Report To

Jim Curtis / Curt

Source of Samples

Santa Rosa

Company

Kennedy, GRW

Sampler Name

Curtis Station

Address

Jenks

Phone

916 362-3251

Project No.

032777

Phone

ANALYSES REQUESTED

X	5	VOC	w	PAH	n
X		VOC			
X	TP	PAH	TF	MO	
X	TF	TF	TF	TF	metals

EXCEL CHEM

ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 8260B

Date Sampled: 10/22/03
Date Received: 10/23/03
Date Analyzed: 10/23/03

Client Sample I.D.	STKPL #5	
LAB. NO.	S1003558	
ANALYTE	R/L	Results
Dichlorodifluoromethane	0.005	ND
Chloromethane	0.005	ND
Vinyl chloride	0.005	ND
Bromomethane	0.005	ND
Chloroethane	0.005	ND
Trichlorofluoromethane	0.005	ND
Acetone	0.05	ND
1,1-Dichloroethene	0.005	ND
Iodomethane	0.005	ND
Methylene chloride	0.020	ND
Carbon disulfide	0.005	ND
trans-1,2-Dichloroethene	0.005	ND
1,1-Dichloroethane	0.005	ND
2-Butanone	0.05	ND
2,2-Dichloropropane	0.005	ND
cis-1,2-Dichloroethene	0.005	ND
Bromochloromethane	0.005	ND
Chloroform	0.005	ND
1,1,1-Trichloroethane	0.005	ND
Carbon tetrachloride	0.005	ND
1,1-Dichloropropene	0.005	ND
Benzene	0.005	ND
1,2-Dichloroethane	0.005	ND
Trichloroethene	0.005	ND
1,2-Dichloropropane	0.005	ND
Dibromomethane	0.005	ND
Bromodichloromethane	0.005	ND
cis-1,3-Dichloropropene	0.005	ND
4-Methyl-2-pentanone	0.05	ND
Toluene	0.005	ND
trans-1,3-Dichloropropene	0.005	ND
1,1,2-Trichloroethane	0.005	ND
Tetrachloroethene	0.005	ND
1,3-Dichloropropane	0.005	ND
2-Hexanone	0.05	ND
Dibromochloromethane	0.005	ND
1,2-Dibromoethane	0.005	ND

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Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 8260B

Date Sampled: 10/22/03
Date Received: 10/23/03
Date Analyzed: 10/23/03



Client Sample I.D.	STKPL #5	
LAB. NO.	S1003558	
ANALYTE	R/L	Results
Chlorobenzene	0.005	ND
1,1,1,2-Tetrachloroethane	0.005	ND
Ethylbenzene	0.005	ND
m,p-Xylene	0.005	ND
o-Xylene	0.005	ND
Styrene	0.005	ND
Bromoform	0.005	ND
Isopropylbenzene	0.005	ND
Bromobenzene	0.005	ND
1,1,2,2-Tetrachloroethane	0.005	ND
1,2,3-Trichloropropane	0.005	ND
n-Propylbenzene	0.005	ND
2-Chlorotoluene	0.005	ND
4-Chlorotoluene	0.005	ND
1,3,5-Trimethylbenzene	0.005	ND
tert-Butylbenzene	0.005	ND
1,2,4-Trimethylbenzene	0.005	ND
sec-butylbenzene	0.005	ND
1,3-Dichlorobenzene	0.005	ND
4-Isopropyltoluene	0.005	ND
1,4-Dichlorobenzene	0.005	ND
1,2-Dichlorobenzene	0.005	ND
n-Butylbenzene	0.005	0.007
1,2-Dibromo-3-chloropropane	0.005	ND
1,2,4-Trichlorobenzene	0.005	ND
Hexachlorobutadiene	0.005	ND
Naphthalene	0.005	0.020
1,2,3-Trichlorobenzene	0.005	ND
SURROGATE %RECOVERY		
Dibromofluoromethane	109	
Toluene-d8	101	
4-Bromofluorobenzene	122	

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

Joseph Ball
Laboratory Representative

10/23/03

Date Reported

EXCELCHEM ENVIRONMENTAL LABS IS CERTIFIED BY THE STATE OF CALIFORNIA
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**EXCELCHEM
ENVIRONMENTAL LABS**

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Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 8260B

QA/QC %RECOVERY		
	LCS	LCSD
1,1-Dichloroethene	102	96
Benzene	94	92
Trichloroethene	96	90
Toluene	101	100
Chlorobenzene	99	94

QA/QC Analyzed: 10/23/03


Laboratory Representative

10/23/03
Date Reported

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: 8270C-PAH

Date Sampled: 10/22/03
Date Received: 10/23/03
Date Analyzed: 10/23/03

Client Sample I.D.	STKPL #5	
LAB. NO.	S1003558	
ANALYTE	R/L **	Results
N-Nitrosodimethylamine	1.3	ND
Aniline	1.3	ND
bis (2-Chloroethyl) ether	1.3	ND
Phenol	1.3	ND
2-Chlorophenol	1.3	ND
1,3-Dichlorobenzene	1.3	ND
1,4-Dichlorobenzene	1.3	ND
1,2-Dichlorobenzene	1.3	ND
Benzyl alcohol	1.3	ND
bis (2-Chloroisopropyl) ether	1.3	ND
2-Methylphenol	1.3	ND
Hexachloroethane	1.3	ND
N-Nitroso-di-n-propylamine	1.3	ND
4-Methylphenol	1.3	ND
Nitrobenzene	1.3	ND
Isophorone	1.3	ND
2-Nitrophenol	1.3	ND
2,4-Dimethylphenol	1.3	ND
bis (2-Chloroethoxy) methane	1.3	ND
Benzoic acid	1.3	ND
2,4-Dichlorophenol	1.3	ND
1,2,4-Trichlorobenzene	1.3	ND
Napthalene	1.3	ND
4-Chloroaniline	1.3	ND
Hexachlorobutadiene	1.3	ND
4-Chloro-3-methylphenol	1.3	ND
2-Methylnaphthalene	1.3	ND
Hexachlorocyclopentadiene	1.3	ND
2,4,6-Trichlorophenol	1.3	ND
2,4,5-Trichlorophenol	1.3	ND
2-Chloronaphthalene	1.3	ND
2-Nitroaniline	1.3	ND
Acenaphthylene	1.3	ND
Dimethylphthalate	1.3	ND
2,6-Dinitrotoluene	1.3	ND
Acenaphthene	1.3	ND

** Elevated reporting levels are due to high concentration of non-target analytes requiring sample dilution.

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(Certification No. 2119)

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: 8270C-PAH
Method: EPA 8270C

Date Sampled:
Date Received:
Date Analyzed:

10/22/03
10/23/03

Client Sample I.D.	STKPL #5	
LAB. NO.	S1003558	
ANALYTE	R/L	Results
3-Nitroaniline	1.3	ND
2,4-Dinitrophenol	1.3	ND
Dibenzofuran	1.3	ND
2,4-Dinitrotoluene	1.3	ND
4-Nitrophenol	1.3	ND
Fluorene	1.3	ND
4-Chlorophenyl-phenylether	1.3	ND
Diethylphthalate	1.3	ND
4-Nitroaniline	1.3	ND
Azobenzene	1.3	ND
4,6-Dinitro-2-methylphenol	1.3	ND
Nitrosodiphenylamine	1.3	ND
4-Bromophenyl-phenylether	1.3	ND
Hexachlorobenzene	1.3	ND
Pentachlorophenol	1.3	ND
Phenanthrene	1.3	ND
Anthracene	1.3	ND
Carbazole	1.3	ND
Di-n-butylphthalate	1.3	ND
Fluoranthene	1.3	ND
Benzidine*	9.3	ND
Pyrene	1.3	ND
Butylbenzylphthalate	1.3	ND
3,3'-Dichlorobenzidine	1.3	ND
Benzo [a] anthracene	1.3	ND
Chrysene	1.3	ND
bis (2-Ethylhexyl) phthalate	1.3	ND
Di-n-octylphthalate	1.3	ND
Benzo [b] fluoranthene	1.3	ND
Benzo [k] fluoranthene	1.3	ND
Benzo [a] pyrene	1.3	ND
Indeno [1,2,3-cd] pyrene	1.3	ND
Dibenz [a,h] anthracene	1.3	ND
Benzo [g,h,i] perylene	1.3	ND

* Estimated Value

** Elevated reporting levels are due to high concentration of non-target analytes requiring sample dilution.

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ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: 8270C-PAH
Method: EPA 8270C

Date Sampled: 10/22/03
Date Received: 10/23/03
Date Analyzed: 10/23/03



Client Sample I.D.	STKPL #5
LAB. NO.	S1003558
SURROGATE %RECOVERY	
Fluorophenol	68
Phenol-d5	48
Nitrobenzene-d5	36
2-Fluorobiphenyl	72
2,4,6-Tribromophenol	70
Terphenyl-d14	82

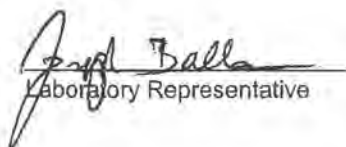
QA/QC %RECOVERY		
	LCS	LCSD
Phenol	64	56
2-Chlorophenol	68	60
1,4-Dichlorobenzene	69	61
N-Nitroso-di-n-propylamine	71	65
1,2,4-Trichlorobenzene	76	67
4-Chloro-3-methylphenol	79	71
Acenaphthene	81	71
2,4-Dinitrotoluene	75	70
4-Nitrophenol	95	78
Pentachlorophenol	55	47
Pyrene	108	96

QA/QC Analyzed: 10/23/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/Kg


Laboratory Representative

10/23/03
Date Reported

EXCELCHEM ENVIRONMENTAL LABS IS CERTIFIED BY THE STATE OF CALIFORNIA
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Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 6010B and EPA 7471A (Hg)

Date Sampled: 10/22/03
Date Received: 10/23/03
Date Analyzed: 10/23/03



Client Sample I.D.	STKPL #5	
LAB. NO.	S1003558	
ANALYTE	R/L	Results
Antimony	1.0	7.1
Arsenic	2.0	3.3
Barium	2.0	170
Beryllium	0.4	ND
Cadmium	0.5	0.7
Chromium	1.0	97
Cobalt	5.0	23
Copper	2.0	35
Lead	1.0	10
Mercury	0.010	0.039
Molybdenum	1.0	ND
Nickel	1.0	150
Selenium	2.0	ND
Silver	1.0	ND
Thallium	2.0	ND
Vanadium	2.0	67
Zinc	2.0	63

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg


Laboratory Representative

10/23/03
Date Reported

**EXCELCHEM
ENVIRONMENTAL LABS**

500 Giuseppe Court, Suite 3
Roseville, CA 95678

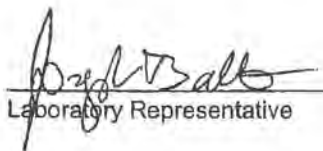
Phone#: (916) 773-3664 Fax#: (916) 773-4784
ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 6010B and EPA 7471A (Hg)

QA/QC %RECOVERY				
	LCS	LCSD	MS	MSD
Antimony	85	93	77	81
Arsenic	103	104	102	100
Barium	111	109	112	120
Beryllium	102	104	105	103
Cadmium	103	106	99	99
Chromium	102	103	100	92
Cobalt	102	105	95	95
Copper	101	100	116	110
Lead	103	103	113	108
Mercury	92	91	99	75
Molybdenum	106	107	99	100
Nickel	104	105	108	101
Selenium	105	103	96	95
Silver	107	102	105	105
Thallium	104	105	100	97
Vanadium	104	103	103	100
Zinc	105	108	126	116

QA/QC Analyzed: 10/23/03


Laboratory Representative

10/23/03
Date Reported

**EXCELCHEM
ENVIRONMENTAL LABS**

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3630 / EPA 8015m

Date Sampled: 10/22/03
Date Received: 10/23/03
Date Analyzed: 10/22/03



Client Sample I.D.	STKPL #5	
LAB. NO.	S1003558	
TPH as Diesel	250	1300
TPH as Oil	500	1400

QA/QC %RECOVERY		
	LCS	LCSD
TPH as Diesel	80	73

QA/QC Analyzed: 10/22/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

Samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/22/03
Date Reported

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

☐ 200 New Stine Rd., #115, Bakersfield, CA 93309
☒ 530 South 336th St., Federal Way, WA 98003
☐ 17310 Red Hill Ave., #220, Irvine, CA 92714
☐ 2191 East Bayshore Rd., #200, Palo Alto, CA 94303

☐ 5190 Neil Road, #300, Reno, NV 9
☒ 3336 Bradshaw Rd., #140, Sacram. CA 95827
☐ 303 Second St., San Francisco, CA 94107
☐ 1000 Hill Rd., #200, Ventura, CA 93003

POSSIBLE HAZARDS:

Date 1/22/03 Report To Jim Lewis / Cell
Source of Samples Santa Rosa Company CRS/HK
Sampler Name J. Curtis Station Address _____
Phone _____
Project No. 032777.14 Phone _____

(6)
ANALYSES REQUESTED

Lab Destination _____

Address _____

Phone _____

Carrier/Way Bill No. _____

[illegible]

- (1) Write only one sample number in each space.
(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.
(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.
(4) Preservation of sample.
(5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

SAMPLE RELINQUISHED BY:

SAMPLE RECEIVED BY:

Print Name	Signature	Company	Date	Time	Print Name	Signature	Company	Date	Time
JIM CURTIS		HOANONG	10/23/11	11:45	GRACIANNE DELACRUZ		EXCEL CHEAN	10-24-11	11:45

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Date Sampled: 10/24/03
Date Received: 10/24/03
Date Analyzed: 10/27/03

Project: Santa Rosa Station / 032777.14
Method: EPA 8260B

Client Sample I.D.	Stockpile 6		Stockpile 7	
LAB. NO.	S1003736		S1003774	
ANALYTE	R/L	Results	R/L	Results
Chlorobenzene	0.005	ND	0.005	ND
1,1,1,2-Tetrachloroethane	0.005	ND	0.005	ND
Ethylbenzene	0.005	ND	0.005	ND
m,p-Xylene	0.005	ND	0.005	ND
o-Xylene	0.005	ND	0.005	ND
Styrene	0.005	ND	0.005	ND
Bromoform	0.005	ND	0.005	ND
Isopropylbenzene	0.005	0.008	0.005	ND
Bromobenzene	0.005	ND	0.005	ND
1,1,2,2-Tetrachloroethane	0.005	ND	0.005	ND
1,2,3-Trichloropropane	0.005	ND	0.005	ND
n-Propylbenzene	0.005	0.011	0.005	ND
2-Chlorotoluene	0.005	ND	0.005	ND
4-Chlorotoluene	0.005	ND	0.005	ND
1,3,5-Trimethylbenzene	0.005	ND	0.005	ND
tert-Butylbenzene	0.005	ND	0.005	ND
1,2,4-Trimethylbenzene	0.005	ND	0.005	ND
sec-butylbenzene	0.005	ND	0.005	ND
1,3-Dichlorobenzene	0.005	ND	0.005	ND
4-Isopropyltoluene	0.005	ND	0.005	ND
1,4-Dichlorobenzene	0.005	ND	0.005	ND
1,2-Dichlorobenzene	0.005	ND	0.005	ND
n-Butylbenzene	0.005	0.019	0.005	ND
1,2-Dibromo-3-chloropropane	0.005	ND	0.005	ND
1,2,4-Trichlorobenzene	0.005	ND	0.005	ND
Hexachlorobutadiene	0.005	ND	0.005	ND
Naphthalene	0.005	ND	0.025	ND
1,2,3-Trichlorobenzene	0.005	ND	0.005	ND
SURROGATE %RECOVERY				
Dibromofluoromethane	117		112	
Toluene-d8	101		108	
4-Bromofluorobenzene	126		109	

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

Joseph Ball
Laboratory Representative

10/28/03
Date Reported

EXCELCHEM ENVIRONMENTAL LABS IS CERTIFIED BY THE STATE OF CALIFORNIA
DEPARTMENT OF HEALTH SERVICES AS A HAZARDOUS WASTE TESTING LABORATORY
(Certification No. 2119)



**EXCELCHEM
ENVIRONMENTAL LABS**

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

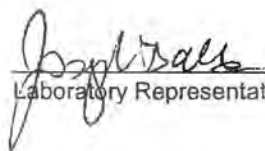
ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 8260B

QA/QC %RECOVERY		
	LCS	LCSD
1,1-Dichloroethene	118	106
Benzene	117	109
Trichloroethene	112	102
Toluene	114	112
Chlorobenzene	108	106

QA/QC Analyzed: 10/27/03


Laboratory Representative

10/28/03
Date Reported

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Date Sampled:
Date Received:
Date Analyzed:

10/24/03
10/24/03
10/27/03

Project: Santa Rosa Station / 032777.14
Method: EPA 8270C

Client Sample I.D.	Stockpile 6		Stockpile 7	
LAB. NO.	S1003736		S1003774	
ANALYTE	R/L	Results	R/L	Results
N-Nitrosodimethylamine	0.7	ND	0.7	ND
Aniline	0.7	ND	0.7	ND
bis (2-Chloroethyl) ether	0.7	ND	0.7	ND
Phenol	0.7	ND	0.7	ND
2-Chlorophenol	0.7	ND	0.7	ND
1,3-Dichlorobenzene	0.7	ND	0.7	ND
1,4-Dichlorobenzene	0.7	ND	0.7	ND
1,2-Dichlorobenzene	0.7	ND	0.7	ND
Benzyl alcohol	0.7	ND	0.7	ND
bis (2-Chloroisopropyl) ether	0.7	ND	0.7	ND
2-Methylphenol	0.7	ND	0.7	ND
Hexachloroethane	0.7	ND	0.7	ND
N-Nitroso-di-n-propylamine	0.7	ND	0.7	ND
4-Methylphenol	0.7	ND	0.7	ND
Nitrobenzene	0.7	ND	0.7	ND
Isophorone	0.7	ND	0.7	ND
2-Nitrophenol	0.7	ND	0.7	ND
2,4-Dimethylphenol	0.7	ND	0.7	ND
bis (2-Chloroethoxy) methane	0.7	ND	0.7	ND
Benzoic acid	0.7	ND	0.7	ND
2,4-Dichlorophenol	0.7	ND	0.7	ND
1,2,4-Trichlorobenzene	0.7	ND	0.7	ND
Napthalene	0.7	ND	0.7	ND
4-Chloroaniline	0.7	ND	0.7	ND
Hexachlorobutadiene	0.7	ND	0.7	ND
4-Chloro-3-methylphenol	0.7	ND	0.7	ND
2-Methylnaphthalene	0.7	ND	0.7	ND
Hexachlorocyclopentadiene	0.7	ND	0.7	ND
2,4,6-Trichlorophenol	0.7	ND	0.7	ND
2,4,5-Trichlorophenol	0.7	ND	0.7	ND
2-Chloronaphthalene	0.7	ND	0.7	ND
2-Nitroaniline	0.7	ND	0.7	ND
Acenaphthylene	0.7	ND	0.7	ND
Dimethylphthalate	0.7	ND	0.7	ND
2,6-Dinitrotoluene	0.7	ND	0.7	ND
Acenaphthene	0.7	ND	0.7	ND

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 8270C

Date Sampled: 10/24/03
Date Received: 10/24/03
Date Analyzed: 10/27/03



Client Sample I.D.	Stockpile 6		Stockpile 7	
LAB. NO.	S1003736		S1003774	
ANALYTE	R/L	Results	R/L	Results
3-Nitroaniline	0.7	ND	0.7	ND
2,4-Dinitrophenol	0.7	ND	0.7	ND
Dibenzofuran	0.7	ND	0.7	ND
2,4-Dinitrotoluene	0.7	ND	0.7	ND
4-Nitrophenol	0.7	ND	0.7	ND
Fluorene	0.7	ND	0.7	ND
4-Chlorophenyl-phenylether	0.7	ND	0.7	ND
Diethylphthalate	0.7	ND	0.7	ND
4-Nitroaniline	0.7	ND	0.7	ND
Azobenzene	0.7	ND	0.7	ND
4,6-Dinitro-2-methylphenol	0.7	ND	0.7	ND
Nitrosodiphenylamine	0.7	ND	0.7	ND
4-Bromophenyl-phenylether	0.7	ND	0.7	ND
Hexachlorobenzene	0.7	ND	0.7	ND
Pentachlorophenol	0.7	ND	0.7	ND
Phenanthrene	0.7	1.8	0.7	ND
Anthracene	0.7	ND	0.7	ND
Carbazole	0.7	ND	0.7	ND
Di-n-butylphthalate	0.7	ND	0.7	ND
Fluoranthene	0.7	ND	0.7	ND
Benidine*	4.7	ND	4.7	ND
Pyrene	0.7	1.0	0.7	ND
Butylbenzylphthalate	0.7	ND	0.7	ND
3,3'-Dichlorobenzidine	0.7	ND	0.7	ND
Benzo [a] anthracene	0.7	ND	0.7	ND
Chrysene	0.7	ND	0.7	ND
bis (2-Ethylhexyl) phthalate	0.7	ND	0.7	ND
Di-n-octylphthalate	0.7	ND	0.7	ND
Benzo [b] fluoranthene	0.7	ND	0.7	ND
Benzo [k] fluoranthene	0.7	ND	0.7	ND
Benzo [a] pyrene	0.7	ND	0.7	ND
Indeno [1,2,3-cd] pyrene	0.7	ND	0.7	ND
Dibenz [a,h] anthracene	0.7	ND	0.7	ND
Benzo [g,h,i] perylene	0.7	ND	0.7	ND

* Estimated Value

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

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ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Project: Santa Rosa Station / 032777.14
Method: EPA 8270C

Date Sampled: 10/24/03
Date Received: 10/24/03
Date Analyzed: 10/27/03

Client Sample I.D.	Stockpile 6	Stockpile 7
LAB. NO.	S1003736	S1003774
SURROGATE %RECOVERY		
Fluorophenol	54	53
Phenol-d5	23	32
Nitrobenzene-d5	29	64
2-Fluorobiphenyl	73	71
2,4,6-Tribromophenol	76	70
Terphenyl-d14	81	76

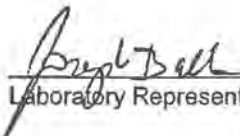
QA/QC %RECOVERY		
	LCS	LCSD
Phenol	55	63
2-Chlorophenol	63	68
1,4-Dichlorobenzene	64	70
N-Nitroso-di-n-propylamine	62	66
1,2,4-Trichlorobenzene	71	77
4-Chloro-3-methylphenol	68	72
Acenaphthene	72	76
2,4-Dinitrotoluene	65	68
4-Nitrophenol	71	85
Pentachlorophenol	66	70
Pyrene	91	97

QA/QC Analyzed: 10/27/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/Kg


Laboratory Representative

10/28/03
Date Reported

**EXCELCHEM
ENVIRONMENTAL LABS**

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA. 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 6010B and EPA 7471A (Hg)

Date Sampled: 10/24/03
Date Received: 10/24/03
Date Analyzed: 10/27/03

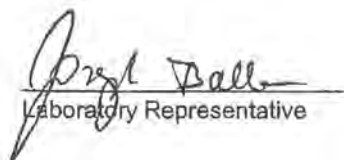


Client Sample I.D.	Stockpile 6		Stockpile 7	
LAB. NO.	S1003736		S1003774	
ANALYTE	R/L	Results	R/L	Results
Antimony	1.0	7.4	1.0	6.0
Arsenic	2.0	4.9	2.0	2.3
Barium	2.0	160	2.0	160
Beryllium	0.3	ND	0.3	ND
Cadmium	0.5	0.8	0.5	0.7
Chromium	1.0	80	1.0	70
Cobalt	5.0	19	5.0	17
Copper	2.0	35	2.0	37
Lead	1.0	41	1.0	23
Mercury	0.010	0.14	0.010	0.064
Molybdenum	1.0	ND	1.0	ND
Nickel	1.0	110	1.0	94
Selenium	2.0	ND	2.0	ND
Silver	1.0	ND	1.0	ND
Thallium	2.0	ND	2.0	ND
Vanadium	2.0	62	2.0	49
Zinc	2.0	74	2.0	64

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg


Laboratory Representative

10/28/03
Date Reported

**EXCEL CHEM
ENVIRONMENTAL LABS**



500 Giuseppe Court, Suite 3
Roseville, CA 95678

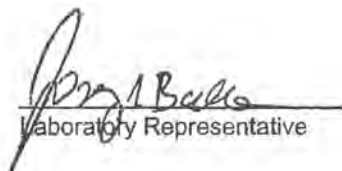
Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 6010B and EPA 7471A (Hg)

QA/QC %RECOVERY				
	LCS	LCSD	MS	MSD
Antimony	77	88	70	74
Arsenic	94	95	88	93
Barium	91	92	110	89
Beryllium	99	99	92	94
Cadmium	95	97	85	85
Chromium	95	95	88	83
Cobalt	94	97	86	85
Copper	95	93	89	106
Lead	93	93	66	88
Mercury	102	99	93	95
Molybdenum	95	96	85	86
Nickel	97	100	90	84
Selenium	95	96	84	85
Silver	87	85	84	86
Thallium	97	98	85	86
Vanadium	93	94	84	88
Zinc	96	96	85	91

QA/QC Analyzed: 10/27/03


Laboratory Representative

10/28/03
Date Reported

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
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Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3630 / EPA 8015m

Date Sampled: 10/24/03
Date Received: 10/24/03
Date Analyzed: 10/24,27/03



Client Sample I.D.	STOCKPILE #6		STOCKPILE #7	
LAB. NO.	S1003736		S1003774	
ANALYTE	R/L	Results	R/L	Results
TPH as Diesel	250	2000	100	ND
TPH as Oil	500	2100	200	470

QA/QC %RECOVERY		
	LCS	LCSD
TPH as Oil	98	95

QA/QC Analyzed: 10/24/03

QA/QC %RECOVERY		
	LCS	LCSD
TPH as Oil	112	103

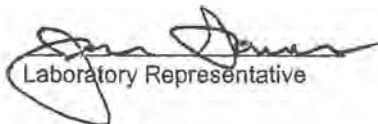
QA/QC Analyzed: 10/27/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

Samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/24,27/03
Date Reported

Excelchem

Environmental Labs

Project Manager:

Jim Curtis

Company/Address:

3336 Bradshaw Rd. #140
Sacramento, CA 95827

Project Number/P.O.#:

032777.14

Project Location:

Santa Rosa Station

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Ph: 916-773-3664 Fx: 916-773-4784

Phone #:

(916)

Fax #:

(916)

Project Name:

Santa Rosa Station

Sampler Signature:

[Signature]

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

1003080 / 1003086

ANALYSIS REQUEST

Page 1 of 1

Sample ID	Sampling		Container			Method Preserved				Matrix			BTEX/TPH as Gasoline (802/8020/8015)	MTBE (8020/8260B)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18th Ed 5520B,F)/168	Pesticides (808/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8260)	Lead Scavengers DCA/EDB (8260B)	Semi VOC Full List (8270C)	CAM 17 Metals	Lead	Cd, Cr, Pb, Zn, Ni (CAM 5)	Silica Gel Wash	Requested TAT: 12hr/24hr/48hr/72hr/1wk	Bin#	Due Date:	LAB USE ONLY:
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	HCl	HNO3	ICE	NONE	WATER	SOIL	AIR																			
DOCKPILE #6	10/24/2003	1008	X						X			X			X	X				X			X	X			X				X	51003736
DOCKPILE #7	"	1615	X						X			X			X	X				X			X	X			X				X	51003774

Relinquished by:

[Signature]

Date

10/24/2003

Time

Received by:

Remarks/Condition of Sample:

8015m is analyzed via mobile.

Relinquished by:

Date

Time

Received by:

[Signature]

[Signature]

10-24-03

Relinquished by:

Date

10/24/2003

Time

Received by Laboratory:

Bill To:

Kennedy / Jenks

EXCELCHEM ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 8260B

Date Sampled: 10/24/03
Date Received: 10/24/03
Date Analyzed: 10/27/03

Client Sample I.D.	Stockpile 6		Stockpile 7	
LAB. NO.	S1003736		S1003774	
ANALYTE	R/L	Results	R/L	Results
Dichlorodifluoromethane	0.005	ND	0.005	ND
Chloromethane	0.005	ND	0.005	ND
Vinyl chloride	0.005	ND	0.005	ND
Bromomethane	0.005	ND	0.005	ND
Chloroethane	0.005	ND	0.005	ND
Trichlorofluoromethane	0.005	ND	0.005	ND
Acetone	0.05	ND	0.05	ND
1,1-Dichloroethene	0.005	ND	0.005	ND
Iodomethane	0.005	ND	0.005	ND
Methylene chloride	0.020	ND	0.020	ND
Carbon disulfide	0.005	ND	0.005	ND
trans-1,2-Dichloroethene	0.005	ND	0.005	ND
1,1-Dichloroethane	0.005	ND	0.005	ND
2-Butanone	0.05	ND	0.05	ND
2,2-Dichloropropane	0.005	ND	0.005	ND
cis-1,2-Dichloroethene	0.005	ND	0.005	ND
Bromochloromethane	0.005	ND	0.005	ND
Chloroform	0.005	ND	0.005	ND
1,1,1-Trichloroethane	0.005	ND	0.005	ND
Carbon tetrachloride	0.005	ND	0.005	ND
1,1-Dichloropropene	0.005	ND	0.005	ND
Benzene	0.005	ND	0.005	ND
1,2-Dichloroethane	0.005	ND	0.005	ND
Trichloroethene	0.005	ND	0.005	ND
1,2-Dichloropropane	0.005	ND	0.005	ND
Dibromomethane	0.005	ND	0.005	ND
Bromodichloromethane	0.005	ND	0.005	ND
cis-1,3-Dichloropropene	0.005	ND	0.005	ND
4-Methyl-2-pentanone	0.05	ND	0.05	ND
Toluene	0.005	ND	0.005	ND
trans-1,3-Dichloropropene	0.005	ND	0.005	ND
1,1,2-Trichloroethane	0.005	ND	0.005	ND
Tetrachloroethene	0.005	ND	0.005	ND
1,3-Dichloropropane	0.005	ND	0.005	ND
2-Hexanone	0.05	ND	0.05	ND
Dibromochloromethane	0.005	ND	0.005	ND
1,2-Dibromoethane	0.005	ND	0.005	ND

EXCELICHEM
ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3630 / EPA 8015m

Date Sampled: 10/27/03
Date Received: 10/27/03
Date Analyzed: 10/27/03

Client Sample I.D.	STKPL #8	
LAB. NO.	S1003793	
ANALYTE	R/L	Results
TPH as Diesel	100	400
TPH as Oil	200	370

QA/QC %RECOVERY		
	LCS	LCSD
TPH as Oil	112	103

QA/QC Analyzed: 10/27/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in µg/L

Soil samples reported in mg/kg

Samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/27/03
Date Reported



☐ 5190 Neil Road, #300, Reno, NV 8'
☒ 3336 Bradshaw Rd., #140, Sacramento, CA 95827
☐ 303 Second St., San Francisco, CA 94107
☐ 1000 Hill Rd., #200, Ventura, CA 93003

TPH₂, TPH_{mo}

Date 4/2/03 Report To Jim Lewis / UCC
Source of Samples Santa Rosa Company KJ Griffith
Sampler Name J. Griffith Address _____
Phone _____
Project No. _____ Phone _____

(5)
ANALYSES REQUESTED

Lab Destination _____
Address _____

Phone _____
Carrier/Way Bill No. _____

1003080

[illegible]

- (1) Write only one sample number in each space.
(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.
(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.
(4) Preservation of sample.
(5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

SAMPLE RELINQUISHED BY:

SAMPLE RECEIVED BY:

Print Name	Signature	Company	Date	Time	Print Name	Signature	Company	Date	Time
Jim Cozlis		Wendy's	1/21/01	1315	John Somers		EXCEL CHEM	1/21/01	1315

EXCELCHEM
ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3630 / EPA 8015m

Date Sampled: 10/29/03
Date Received: 10/29/03
Date Analyzed: 10/29/03



Client Sample I.D.	STKPL #8		STKPL #9		STKPL #10	
LAB. NO.	S1003846		S1003850		S1003863	
ANALYTE	R/L	Results	R/L	Results	R/L	Results
TPH as Diesel	10	140	10	16	10	390
TPH as Oil	20	160	20	150	20	350

QA/QC %RECOVERY		
	MS	MSD
TPH as Oil	91	90

QA/QC Analyzed: 10/29/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg

Samples were analyzed at Excelchem's mobile facility.


Laboratory Representative

10/29/03
Date Reported

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

Stockpile samples

☐ 200 New Stine Rd., #115, Bakersfield, CA 93309
☐ 530 South 336th St., Federal Way, WA 98003
☐ 17310 Red Hill Ave., #220, Irvine, CA 92714
☐ 2191 East Bayshore Rd., #200, Palo Alto, CA 94303

☐ 5190 Neil Road, #300, Reno, NV 2
☒ 3336 Bradehaw Rd., #140, Sacramento, CA 95827
☐ 303 Second St., San Francisco, CA 94107
☐ 1000 Hill Rd., #200, Ventura, CA 93003

POSSIBLE HAZARDS:

TPH₂, TPH₄₀

Date 10/29/03

Report To

Jim Curtis / Curt. G. Curtis

Source of Samples

Santa Rosa

Company

Kennedy/Edenks

Sampler Name

J. Curtis

Address

Phone

Project No.

032777.14

Phone

ANALYSES REQUESTED

TPH₂ TPH₄₀ TPH₁₀ TPH₁₅ TPH₂₀ TPH₂₅ TPH₃₀ TPH₃₅ TPH₄₀ TPH₄₅ TPH₅₀ TPH₅₅ TPH₆₀ TPH₆₅ TPH₇₀ TPH₇₅ TPH₈₀ TPH₈₅ TPH₉₀ TPH₉₅ TPH₁₀₀ TPH₁₀₅ TPH₁₁₀ TPH₁₁₅ TPH₁₂₀ TPH₁₂₅ TPH₁₃₀ TPH₁₃₅ TPH₁₄₀ TPH₁₄₅ TPH₁₅₀ TPH₁₅₅ TPH₁₆₀ TPH₁₆₅ TPH₁₇₀ TPH₁₇₅ TPH₁₈₀ TPH₁₈₅ TPH₁₉₀ TPH₁₉₅ TPH₂₀₀ TPH₂₀₅ TPH₂₁₀ TPH₂₁₅ TPH₂₂₀ TPH₂₂₅ TPH₂₃₀ TPH₂₃₅ TPH₂₄₀ TPH₂₄₅ TPH₂₅₀ TPH₂₅₅ TPH₂₆₀ TPH₂₆₅ TPH₂₇₀ TPH₂₇₅ TPH₂₈₀ TPH₂₈₅ TPH₂₉₀ TPH₂₉₅ TPH₃₀₀ TPH₃₀₅ TPH₃₁₀ TPH₃₁₅ TPH₃₂₀ TPH₃₂₅ TPH₃₃₀ TPH₃₃₅ TPH₃₄₀ TPH₃₄₅ TPH₃₅₀ TPH₃₅₅ TPH₃₆₀ TPH₃₆₅ TPH₃₇₀ TPH₃₇₅ TPH₃₈₀ TPH₃₈₅ TPH₃₉₀ TPH₃₉₅ TPH₄₀₀ TPH₄₀₅ TPH₄₁₀ TPH₄₁₅ TPH₄₂₀ TPH₄₂₅ TPH₄₃₀ TPH₄₃₅ TPH₄₄₀ TPH₄₄₅ TPH₄₅₀ TPH₄₅₅ TPH₄₆₀ TPH₄₆₅ TPH₄₇₀ TPH₄₇₅ TPH₄₈₀ TPH₄₈₅ TPH₄₉₀ TPH₄₉₅ TPH₅₀₀ TPH₅₀₅ TPH₅₁₀ TPH₅₁₅ TPH₅₂₀ TPH₅₂₅ TPH₅₃₀ TPH₅₃₅ TPH₅₄₀ TPH₅₄₅ TPH₅₅₀ TPH₅₅₅ TPH₅₆₀ TPH₅₆₅ TPH₅₇₀ TPH₅₇₅ TPH₅₈₀ TPH₅₈₅ TPH₅₉₀ TPH₅₉₅ TPH₆₀₀ TPH₆₀₅ TPH₆₁₀ TPH₆₁₅ TPH₆₂₀ TPH₆₂₅ TPH₆₃₀ TPH₆₃₅ TPH₆₄₀ TPH₆₄₅ TPH₆₅₀ TPH₆₅₅ TPH₆₆₀ TPH₆₆₅ TPH₆₇₀ TPH₆₇₅ TPH₆₈₀ TPH₆₈₅ TPH₆₉₀ TPH₆₉₅ TPH₇₀₀ TPH₇₀₅ TPH₇₁₀ TPH₇₁₅ TPH₇₂₀ TPH₇₂₅ 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**EXCELCHEM
ENVIRONMENTAL LABS**

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 3550 / EPA 3630 / EPA 8015m

Date Sampled: 10/31/03
Date Received: 11/03/03
TPHd Analyzed: 11/03/03
TPHo Analyzed: 11/03/03

Client Sample I.D.	Stockpile #12	
LAB. NO.	S1103009	
ANALYTE	R/L	Results
TPH as Diesel	40	630
TPH as Oil	400	610

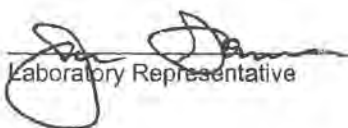
QA/QC %RECOVERY		
	LCS	LCSD
TPH as Diesel	87	77
TPH as Oil	89	86

QA/QC Analyzed: 11/04/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg


Laboratory Representative

11/05/03
Date Reported

Sample Chain-of-Custody/Analysis Request

INV# J03086

Kennedy/Jenks Consultants

Possible Hazards

Analytes

Client K/J

Report to Jim Curtis

Site SR Sta

Company K/J

Project No. 032777.14

Address 3336 Broadshaw

Sampler Name M. McNeal

Telephone 415-243-2508

Fax 916-362-9915

(5)
Analyses Requested

Lab Destination

Excel Chem

Address

Telephone 916-773-3364

Carrier/Way Bill No. n/a

(1) Lab ID No.	(1) Client ID No.	Collection		(2) Type	(3) Depth	(3) Comp.	(4) Pres.	Turn-around	(5) Analyses Requested						Comment/Conditions (container type, container number, etc.)
		Date	Time						TPH	TPH no	Silica gel	SVOCs	VOCs	CAN 17 metals	
	STOCKPILE #12	10/31/2003	15:15	S	n/a	No	Y	48 HR	X	X	X				2"x6" s/cene S1103009
															Run only TPH, Si: gel. Hold other analyses pending results

(1) Write only one sample number in each space.

(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.

(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.

(4) Preservation of sample.

(5) Write each analysis requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

Sample Relinquished By					Sample Received By				
Print Name	Signature	Company	Date	Time	Print Name	Signature	Company	Date	Time
Mike McNeal	<i>[Signature]</i>	K/J	11/3/03	0840	John Stowers	<i>[Signature]</i>	EXCEL CHEM	11/3/03	840

(A) Left in cooler at mobile lab for later pickup

EXCELCHEM
ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928

Project: Santa Rosa / 032777.14

Method: EPA 3550 / EPA 3630 / EPA 8015m

Date Sampled: 11/13/03
Date Received: 11/14/03
Date Analyzed: 11/14/03



Client Sample I.D.	Stockpile #13	
LAB. NO.	S1103361	
ANALYTE	R/L	Results
TPH as Diesel	40	500
TPH as Oil	400	510

QA/QC %RECOVERY		
	LCS	LCSD
TPH as Diesel	108	111
TPH as Oil	73	82

QA/QC Analyzed: 11/14/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Soil samples reported in mg/kg


Laboratory Representative

11/17/03
Date Reported

EXCELCHEM ENVIRONMENTAL LABS IS CERTIFIED BY THE STATE OF CALIFORNIA
DEPARTMENT OF HEALTH SERVICES AS A HAZARDOUS WASTE TESTING LABORATORY
(Certification No. 2119)

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Ph: 916-773-3664 Fx: 916-773-4784

CHA 01-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Environmental Laos

Project Manager:

Phone #:

Electronic Data Deliverables Request:

Global I.D.#:

Email Address:

COC #:

Location I.D.#:

Company/Address:

Fax #:

ANALYSIS REQUEST

INV# 1003086

Page 1 of 1

Project Number/P.O#:

Project Name:

032777.14

Santa Rosa

Project Location:

Sampler Signature: _____

Santa Rosa

W. H. L.

[illegible]

Relinquished by:

Date	Time
11/13	
2003	11628

Received by:

Remarks/Condition of Sample:

Ⓐ Hold these analyses pending TPHd and TPHmo results

Relinquished by:

Date	Time
------	------

Received by:

Relinquished by:

Date	Time
4-13-07	9:30

Received by Laboratory:

Bill To:

EXCELCHEM
ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA EPA 3510 / EPA 3630 / EPA 8015m

Date Sampled: 10/27/03
Date Received: 10/27/03
Date Analyzed: 10/27/03



Client Sample I.D.	Frac Tank - 2	
LAB. NO.	W1003795	
ANALYTE	R/L	Results
TPH as Diesel	100	140
TPH as Oil	200	800

QA/QC %RECOVERY		
	LCS	LCSD
TPH as Diesel	83	78

QA/QC Analyzed: 10/27/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in µg/L

TPHd and TPHo sample analyzed in the mobile facility and treated with a silica gel wash.


Laboratory Representative

10/27/03
Date Reported

EXCELCHEM ENVIRONMENTAL LABS

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Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 8260B

Date Sampled: 10/27/03
Date Received: 10/27/03
Date Analyzed: 10/27/03



Client Sample I.D.	Frac Tank - 2	
LAB. NO.	W1003794	
ANALYTE	R/L	Results
Dichlorodifluoromethane	0.5	ND
Chloromethane	0.5	ND
Vinyl chloride	0.5	ND
Bromomethane	0.5	ND
Chloroethane	0.5	ND
Trichlorofluoromethane	0.5	ND
Acetone	5.0	ND
1,1-Dichloroethene	0.5	ND
Iodomethane	0.5	ND
Methylene chloride	0.5	120
Carbon disulfide	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,1-Dichloroethane	0.5	ND
2-Butanone	5.0	ND
2,2-Dichloropropane	0.5	ND
cis-1,2-Dichloroethene	0.5	ND
Bromochloromethane	0.5	ND
Chloroform	0.5	ND
1,1,1-Trichloroethane	0.5	ND
Carbon tetrachloride	0.5	ND
1,1-Dichloropropene	0.5	ND
Benzene	0.5	ND
1,2-Dichloroethane	0.5	ND
Trichloroethene	0.5	ND
1,2-Dichloropropane	0.5	ND
Dibromomethane	0.5	ND
Bromodichloromethane	0.5	ND
cis-1,3-Dichloropropene	0.5	ND
4-Methyl-2-pentanone	5.0	ND
Toluene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Tetrachloroethene	0.5	ND
1,3-Dichloropropane	0.5	ND
2-Hexanone	5.0	ND
Dibromochloromethane	0.5	ND
1,2-Dibromoethane	0.5	ND

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ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 8260B

Date Sampled: 10/27/03
Date Received: 10/27/03
Date Analyzed: 10/27/03

Client Sample I.D.	Frac Tank - 2	
LAB. NO.	W1003794	
ANALYTE	R/L	Results
Chlorobenzene	0.5	ND
1,1,1,2-Tetrachloroethane	0.5	ND
Ethylbenzene	0.5	ND
m,p-Xylene	0.5	ND
o-Xylene	0.5	ND
Styrene	0.5	ND
Bromoform	0.5	ND
Isopropylbenzene	0.5	ND
Bromobenzene	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
1,2,3-Trichloropropane	0.5	ND
n-Propylbenzene	0.5	ND
2-Chlorotoluene	0.5	ND
4-Chlorotoluene	0.5	ND
1,3,5-Trimethylbenzene	0.5	ND
tert-Butylbenzene	0.5	ND
1,2,4-Trimethylbenzene	0.5	ND
sec-Butylbenzene	0.5	ND
1,3-Dichlorobenzene	0.5	ND
4-Isopropyltoluene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
1,2-Dichlorobenzene	0.5	ND
n-Butylbenzene	0.5	ND
1,2-Dibromo-3-chloropropane	0.5	ND
1,2,4-Trichlorobenzene	0.5	ND
Hexachlorobutadiene	0.5	ND
Naphthalene	0.5	ND
1,2,3-Trichlorobenzene	0.5	ND
SURROGATE %RECOVERY		
Dibromofluoromethane		93
Toluene-d8		99
4-Bromofluorobenzene		105

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in ug/L


Laboratory Representative

10/28/03
Date Reported

EXCELCHEM ENVIRONMENTAL LABS IS CERTIFIED BY THE STATE OF CALIFORNIA
DEPARTMENT OF HEALTH SERVICES AS A HAZARDOUS WASTE TESTING LABORATORY
(Certification No. 2119)

**EXCELCHEM
ENVIRONMENTAL LABS**



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Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 8260B

QA/QC %RECOVERY		
	LCS	LCSD
1,1-Dichloroethene	94	94
Benzene	108	105
Trichloroethene	109	105
Toluene	105	101
Chlorobenzene	102	97

QA/QC Analyzed: 10/28/03

Laboratory Representative

10/28/03

Date Reported

Excelchem

Environmental Labs

Project Manager:

Jim Cortis

Company/Address: Kennedy / Jents

3336 Bondshaw Rd #140

Sacramento, CA 95827

Project Number/P.O#:

032777.14

Project Location: Santa Rosa Station

500 Giuseppe Court, Suite 3

Roseville, CA 95878

Ph: 916-773-3664 Fx: 916-773-4784

Phone #:

(916) 362-3251

Fax #:

(916) 362-9915

Project Name:

Santa Rosa Station

Sampler Signature:

[Signature]

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request:

Global I.D.#:

COC #:

Location I.D.#:

Email Address:

#1#
1003080/1003080

ANALYSIS REQUEST

Page of

Sample ID	Sampling		Container				Method Preserved				Matrix			BTEX/TPH as Gasoline (6020/8020/8260B)	MTBE (8020/8260B)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18)	Pesticides (808/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8260)	Lead Scavengers DCA/EL	Semi VOC Full List (82700)	CAM 17 Metals	Lead	Cd, Cr, Pb, Zn, Ni (CAM 5)	Silica Gel	Kevlar	Requested TAT: 12hr (41)	LAB USE ONLY: W 1003794 W 1003795	
	Date	Time	VOA	SLEEVE	1L GLASS	PLASTIC	HCl	HNO3	ICE	NONE	WATER	SOIL	AIR																				
rac Tank-Z	10/27/03	1335	X	X	X			X		X						X																	
rac Tank-Z	10/27/03	1335		X				X		X						X																	
																		</															

Relinquished by:	Date	Time	Received by:	Remarks/Condition of Sample:
<i>[Signature]</i>	10/27/03	1335		<i>[Signature]</i> 10-27-03 Samples
Relinquished by:	Date	Time	Received by:	
Relinquished by:	Date	Time	Received by Laboratory:	Bill To:
	10/27/03	1335	<i>[Signature]</i>	Kennedy / Jents

**EXCELCHEM
ENVIRONMENTAL LABS**

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 3510 / EPA 3630 / EPA 8015m

Date Sampled: 11/04/03
Date Received: 11/04/03
TPHd Analyzed: 11/10/03
TPHmo Analyzed: 11/10/03

Client Sample I.D.	Main Pit Water - filtered		Main Pit Water - unfiltered	
LAB. NO.	W1103066			
ANALYTE	R/L	Results	R/L	Results
TPH as Diesel	50	210	50	180
TPH as Oil	500	ND	500	ND

QA/QC %RECOVERY		
	LCS	LCSD
TPH as Diesel	119	112
TPH as Oil	72	71

TPHd QA/QC Analyzed: 11/11/03

TPHmo QA/QC Analyzed: 11/11/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in µg/L


Laboratory Representative

11/11/03
Date Reported

Sample Chain-of-Custody/Analysis Request

Kennedy/Jenks Consultants

INV# 1003080 / 1003086

Possible Hazards Analytes

Client UPRR Report to Jim Curtis

Site Santa Rosa Sta. Company K/J

Project No. 032777.14 Address 3336 Bradshaw

Sampler Name M. McLeod Sacramento

Telephone 915-243-2508 Fax 916-362-9915

Lab Destination Excelchem

Address _____

Telephone 916-773-3664

Carrier/Way Bill No. n/a

(1) Lab No.	(1) Client ID No.	Collection		(2) Type	(3) Depth	(3) Comp.	(4) Pres.	Turn-around	(5) Analyses Requested					Comments/Conditions (container type, container number, etc.)
		Date	Time						TPH J	TPH MO	Silica Gel Wash	Filter (a)		
	Main Pit water	11/4 2003	14 ⁰⁰	W	1/2	No	4°C	X	X	X	X	W1103060	(a) 2, 1-l ambers (a) Run 1-l <u>filtered</u> before analysis	
												Bin 72		
												Due 11/11	Run 1-l <u>unfiltered</u> before analysis	

(1) Write only one sample number in each space.

(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.

(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.

(4) Preservation of sample.

(5) Write each analysis requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

Sample Relinquished By					Sample Received By				
Print Name	Signature	Company	Date	Time	Print Name	Signature	Company	Date	Time
M. McLeod	[Signature]	K/J	11/4 2003	15 ⁰⁰	Rachel Pullizar	[Signature]	Excelchem	11/4	3:20

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ENVIRONMENTAL LABS**

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ANALYSIS REPORT

Attention: Jim Curtis
Kennedy Jenks
180 E. 4th Street, Suite 500
Chico, CA 95928
Project: Santa Rosa Station / 032777.14
Method: EPA 3510 / EPA 3630 / EPA 8015m

Date Sampled: 11/14/03
Date Received: 11/14/03
TPHd Analyzed: 11/20/03
TPHo Analyzed: 11/20/03



Client Sample I.D.	SRB-113 pit - Filtered		SRB-113 pit - Unfiltered	
LAB. NO.	W1103378			
ANALYTE	R/L	Results	R/L	Results
TPH as Diesel	50	71	50	110
TPH as Oil	500	ND	500	ND

QA/QC %RECOVERY		
	LCS	LCSD
TPH as Diesel	102	89
TPH as Oil	70	75

QA/QC Analyzed: 11/20/03

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in µg/L


Laboratory Representative

11/21/03
Date Reported

INV# 1103021

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

POSSIBLE HAZARDS:

TPH_d / TPH_{mo}

Date 11/14/25

Date 11/14/05 Report To Jim Wells
Source of Samples Santa Rosa Station Company Knorr/Denke

Sampler Name J. Cortis Address 11

Phone _____

Project No. 032777.14 Phone

- ☐ 200 New Stine Rd., #115, Bakersfield, CA 93308
- ☒ 530 South 336th St., Federal Way, WA 98003
- ☒ 17310 Red Hill Ave., #220, Irvine, CA 92714
- ☒ 2191 East Bayshore Rd., #200, Palo Alto, CA 94303

☐ 5190 Neil Road, #300, Reno, NV 89502
☒ 3336 Bradshaw Rd., #140, Sacramento, CA 95827
☐ 303 Second St., San Francisco, CA 94107
☐ 1000 Hill Rd., #200, Ventura, CA 93003

Due 11/21/13 bin 39

Exochrom

Lab Destination EXCHANGE

Address _____

Phone _____

Carrier/Way Bill No. _____

[illegible]

- (1) Write only one sample number in each space.
(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.
(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.
(4) Preservation of sample.
(5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

SAMPLE RELINQUISHED BY:

Print Name	Signature	Company	Date	Time	Print Name	Signature	Company	Date	Time
Jim Curtis		IS	11/13	3:5	Rachel Pullicar		Excelchem	11/14	1:5

SAMPLE RECEIVED BY:

Print Name	Signature	Company	Date	Time
Rachel Pullicar	<i>Rachel Pullicar</i>	Excelchem	11/4	1:5

APPENDIX H

PROFESSIONAL QUALIFICATIONS

DAVID M. NOREN, R.E.A.
MANAGER, ENVIRONMENTAL SERVICES

PROFESSIONAL CERTIFICATIONS/MEMBERSHIPS

Registered Environmental Assessor, California
OSHA 40 Hour Hazardous Waste Operations & Emergency Response Training
OSHA 8 Hour Hazardous Waste Activities Management Training
Supervisor Training in Hazardous Waste Operations
American Red Cross First Aid and CPR

EDUCATIONAL BACKGROUND

M.Sc., Environmental Management – in progress
University of San Francisco, San Francisco, California

B.Sc., Agricultural Science & Management
University of California Davis, Davis, California

EXPERIENCE SUMMARY

Mr. Noren is a Registered Environmental Assessor with over 14 years of experience in the field of environmental assessments and investigations. Prior experience includes technical and management services for a wide range of environmental, hydrogeologic, and solid waste landfill projects. The nature and scope of these projects have included field and management positions for property assessments, assessments of surface and subsurface geologic investigations, underground fuel storage tank investigations and remediation, hydrogeologic characterization investigations, remedial action design and implementation of soil, groundwater, and landfill gas corrective action programs and storm water management sampling and reporting.

At EBA Engineering, Mr. Noren is the Manager of Environmental Services and oversees a number of projects including site investigations and monitoring, environmental assessments, as well as providing technical support and management services for solid waste management projects. The management requirements include the oversight of project budgets, client interactions, site investigation activities and field and reporting programs.

Mr. Noren has experience in the application of numerous investigative and treatment methodologies in a wide range of geologic environments including performing the investigation and remediation of a diverse range of contaminated sites and municipal solid waste facilities.

KARI WESTER

ENVIRONMENTAL SPECIALIST

PROFESSIONAL CERTIFICATIONS

OSHA 40 Hour Hazardous Waste Activities Training

EDUCATIONAL BACKGROUND

B.A., Environmental Studies: Conservation and Resource Management
Sonoma State University

EXPERIENCE SUMMARY

Ms. Wester is an environmental specialist/field technician with EBA. Ms. Wester has experience with underground storage tank (UST) projects including tank removal, groundwater monitoring, remediation, permit and report preparation and UST Fund Submittals as well as Geotracker compliance. Ms. Wester also experience performing Phase I Environmental Site Assessments (ESA) including residential and commercial properties

Ms. Wester has knowledge of water quality environmental laws and regulations with experience in Clean Water Act 401 Certification, U.S. Army Corps of Engineers Section 404 permitting, California Department of Fish and Game Section 1601 permitting and National Pollutant Discharge Elimination System (NPDES) permitting. She has experience with permit compliance including Storm Water Pollution Prevention Plan (SWPPP) implementation including industrial and construction facility inspections and storm water sampling as well as endangered species and wetland mitigation monitoring and reporting.